



# **INTERNSHIP REPORT**

**Asmita Santosh Raikar**

**2046**

Anant Infomedia Pvt. Ltd.

Goa University

**REPORT OF INTERNSHIP DONE AT**  
**Anant Infomedia Pvt. Ltd.**

*Submitted by*

**Asmita Santosh Raikar**

**2046**

*for the partial fulfillment of*

**MCA Degree for Semester VI**

**Discipline of Computer Science and Technology,  
Goa Business School,  
Goa University**

*At*

**Anant Infomedia Pvt. Ltd.  
Panjim**

*Under the guidance of*

**Saeel Chari**

*Sr. Software Tester - Team Lead*



# CERTIFICATE OF INTERNSHIP

ANANT

ANANT INFOMEDIA PVT. LTD.

## CERTIFICATE OF INTERNSHIP

We present this certificate to

Miss. Asmita Santosh Raikan.

In appreciation for your work done as an intern from

02<sup>nd</sup> January 2023 to 3<sup>rd</sup> June 2023

Thaisen

**Thaisen Khan**

Sr. Manager Admin & Accounts

**Kiran Kulkarni**

Director Operations

# EXPERIENCE LETTER



ANANT INFOMEDIA PVT. LTD.

## TO WHOM IT MAY CONCERN

This is to certify that Miss. Asmita Santosh Raikar , D/O- Mr. Santosh Raikar, a student of MCA (Master in Computer Application – Sixth semester), Goa University, Taleigao Plateau Goa 403 206 having PR no: 201700870 has successfully completed long internship programmed at this Company from 02<sup>nd</sup> January 2023 to 03<sup>rd</sup> June 2023. During the period of her Internship programme with us she was found punctual, hardworking and inquisitive. We have not allowed to mention our clients name on her project report due to non disclosure agreement with our client.

We wish her every success in life and this certificate is issued at her own request.

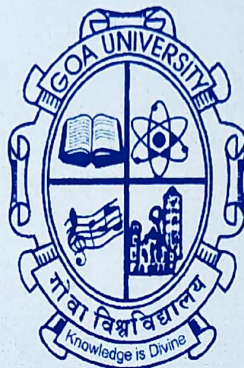
For, Anant Infomedia Private Limited.

Authorized Signature

**Registered Office** F3, Minum Residency, Above HDFC Bank, 18th June Road, Panaji, Goa - 403 001  
**Correspondence Address** F3, Minum Residency, Above HDFC Bank, 18th June Road, Panaji, Goa - 403 001  
E-mail: spv@anant.co.in | Visit us at www.anant.co.in



# GOA UNIVERSITY



## GOA BUSINESS SCHOOL

### Certificate of Evaluation

This is to certify that **Miss. Asmita Santosh Raikar** has been evaluated for the project work titled ***"Report of Internship done at Anant Infomedia Pvt Ltd."*** undertaken at ***Anant Infomedia Pvt Ltd., Panjim Goa***, in partial fulfillment for the award of the degree in Master of Computer Applications.

Internal Examiner

External Examiner

Date: 16/06/2023

Place: Goa University

Dean, Goa Business School,  
Goa University



## ACKNOWLEDGEMENT

First and foremost, I would like to thank the Goa Business School, Goa University, for giving me the opportunity to carry out internship and acquire real-world industrial experience. And a special thanks to Prof. Hanumant Redkar, Prof. Ramdas Karmali and Asst. Prof. Payaswini P and teaching and non-teaching staff of the Goa BusinessSchool.

I would like to thank Anant Infomedia Pvt Ltd for allowing me to do this internship and considering me capable to work on such projects.

I would like to express my gratitude to Mr. Kiran Kulkarni, Director Operations, AIPL, Mrs.Saeel Chari, Sr. Software Tester-Team Lead, AIPL, Mrs. Aqsa Nadaf, Project Lead for giving me this opportunity to work on these projects and for all the guidance, time, patience, support and encouragement provided to me during the internship.

I am also grateful to the members of my team especially Mrs.Tejasvita Raikar (Sr. Software Tester), Mrs.Saeel Chari (Sr. Software Tester-Team Lead) and Swara Amonkar (Trainee Software Tester) for all the help and encouragement which helped me in this project.

I would like to express my special gratitude and thanks to Anant Infomedia employees for giving me such attention and time.

I have not mentioned some names of the employees who have helped me during this internship, but the absence of their names does not show the absence of my gratitude for their support.



**Asmita Santosh Raikar**

**2046**

# **REPORT OF INTERNSHIP DONE AT**

## **Anant Infomedia Pvt. Ltd.**

*Submitted by*

**Asmita Santosh Raikar**

**MCA Semester VI**

**2046**

*Under the guidance of*

**Saeel Chari**

*Sr. Software Tester, Anant Infomedia Pvt. Ltd.*



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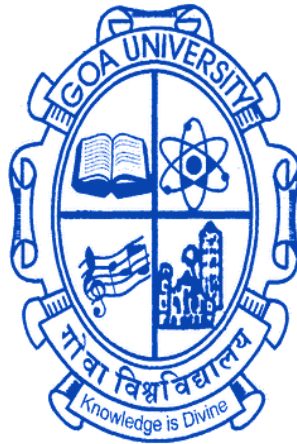
For, Anant Infomedia Private Limited.

Authorized Signature

**Registered Office** : F3, Minum Residency, Above HDFC Bank, 18th June Road, Panaji, Goa - 403 001  
**Correspondence Address** : F3, Minum Residency, Above HDFC Bank, 18th June Road, Panaji, Goa - 403 001  
E-mail: spv@anant.co.in | Visit us at www.anant.co.in



# GOA UNIVERSITY



## GOA BUSINESS SCHOOL

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Internal Examiner

---

External Examiner

Date:

Place:

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Dean, Goa Business School,  
Goa University

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## **DISCLAIMER**

THE INFORMATION CONTAINED IN THIS REPORT IS THE WORK DONE BY THE AUTHOR AS PART OF THE INDUSTRIAL TRAINING PROGRAMME OF MCA, GOA UNIVERSITY. THE DATA AND SCREENSHOTS ADDED IN THIS REPORT ARE SOLELY FOR THE REFERENCE PURPOSE ONLY. IT DOES NOT IN ANY WAY REPRESENT THE ACTUAL DATA USED FOR THE PROJECTS. CLIENT NAMES, CLASS DIAGRAM, ER- DIAGRAM AND WORKFLOW DETAILS ARE NOT GIVEN IN THE REPORT AS IT IS AGAINST THE COMPANY'S PRIVACY POLICY.



# **INTRODUCTION**

This internship report describes the several tasks/assignments carried out for 6 months, full time Internship period by Miss. Asmita Raikar which commenced on the 2nd January 2022 at Anant Infomedia Pvt Ltd in accordance with curriculum of the VI semester Industrial Training of the MCA programme, Goa University, Goa.

In the following chapters a small description of the company, the technologies studied, and tools used during the internship, and other mini-tasks I have done during the internship. Finally, my experience with the company during the internship is described.

## COMPANY PROFILE

<b>Name of Company</b>	<b>Anant Infomedia Pvt Ltd</b>
<b>Founder of Company</b>	<b>Mr. Sandeep Verenkar</b>
<b>Address of Company</b>	<b>Minum Residency, F-3, 4th, 18th June Rd, Above HDFC Bank, Panaji, Goa 403001</b>
<b>Phone Number</b>	<b>0832-6638126 / 153</b>
<b>Email id</b>	<b>info@anant.co.in</b>
<b>Website</b>	<b><a href="http://www.repforce.in/">http://www.repforce.in/</a></b>

***Anant infomedia private limited*** is a product-based company. The company was established in August 2001. It is a premier IT company based in Panjim, Goa. The company has a rich experience, which it has drawn from being in the IT business for over a decade. In the last 9 years Anant Infomedia Pvt. Ltd specializes in pharma-Customer Relationship Management/Sales Force Automation Software, providing end to end solutions such as Software as a service on Web, Mobile and Tablet. AIPL has a team of more than 100+ employees including an office in Mumbai.

AIPL was awarded “BEST IT SOLUTION PARTNER” IN 2011” by Abbott Nutrition.

AIPL specializes in a cloud CRM solution for the Life Sciences Industry called ***Repforce***.



## **Repforce as a Product**

RepForce is a Cloud CRM solution for the Life Sciences industry. RepForce offers simple solutions with impeccable service. Repforce solutions have enabled Life Sciences companies to build extraordinary relationships with not only their customers but also their employees and other stakeholders. Today, RepForce enabled over 35000 users across 6 countries to stay ahead of competition with our state-of-the-art CRM software, RepForce.

It is designed keeping in mind the specific needs of the Life Sciences industry. RepForce is India's pioneer and the leading Sales Force Automation (SFA) solution in SaaS model. We provide end-to-end, mobile-friendly, cloud-based sales force automation to empower our customers to work more efficiently, optimize their sales efforts and increase their bottom lines.



**Key features of RepForce are as follows: -**

- Master Profile: Manage master details like doctors, chemists, stockists, hospitals all in one place.
- Tour Planning: Help your sales team to plan their monthly and yearly tours including workflow and approvals.
- Reports & Dashboards: Monitor your team's daily field work activity through Standard, Monitoring & Admin Reports. Create customized reports. Export reports in PDF or CSV format. Regularly review action points.
- Review Action Module: Enter review points for your team, track progress & compare with previous reviews. Accessible through tablet, mobile app & web.
- E-detailing: Make detailed product information available offline through iPad/Tablet for your customers and report DCR offline. Sentiment capture, time tracking, location tracking, reports, dashboards, survey, & many more.
- Expense & Leave Management: Calculate automatic daily expense based on DCR reporting, Monthly Expense Statement, Workflows & Approvals. Apply, approve and manage leaves based on workflows.
- Inventory Management: Keep track of inflow and outflow of samples and promo goods. Dispatch, assign, reconcile & acknowledge inventory, all from one place.
- Survey Wizard: Conduct surveys to collect feedback on training programs and gauge team satisfaction. Gather feedback from your stakeholders- Doctors, Chemists etc .
- E-learning: Create courses and other training programme, assign employees, manage exam and get feedback.

### **RepForce CRM MODULES are: -**

- Accounts Management- Hospitals, Institutions, Clinics, CNF, Stockist, Chemists
- Contact Management- Doctor Profiling, Chemist Profiling and Interlinking
- Territory Management- Division, Zones, HQ, Territories, Areas, Patches
- Sales Force Reporting – Tour Plans, DCR's, Expenses, Leaves, Sales Data
- Sales Force Communications- Emails, Circulars, SMS's
- Sales Force Learning - FAQ's, Medical Dictionary, E-learning
- Sales Force Dashboards – Standard Reports, Report Generators, Analytic
- Product Management – Samples, Promos, Scientific Literature
- Targets Management – User wise, Product Group Wise, Territory wise
- User Management – Access Rights, Vacancies, Organogram, Hierarchy

# WORK AT ANANT INFOMEDIA PVT LTD

## Manual Testing Of Major Modules Are As Follows:

### 1. Module Control

The purpose of this requirement is to control the period for which the option is enabled or disabled i.e to control the exception module wise.

#### 1.1 Module Control

With the “Module Control” feature, the Admin will be able to control the period for which the option is enabled or disabled i.e for every divisions admin will specify/assign the fixed term period/duration with start date and end date . For Module Control (division wise) search criteria will be based on Module Name.

#### Module Control

Module name:

- Listing will be display on change of Module Name
  - **Module name** : It will be single select drop down  
--> It will load all the module names, which are:  
Addition of Doctors,Addition of Chemist,Deactivation of Doctors,Contact Relocation,Business Monitor Update,Patient Care and support,Raise Advance request  
--> It will be mandatory
  - Listing will have following column such as:Sr.No ,Division Name,Start Date, End Date, Select All

Sr. no.	Division Name	Start Date	End Date	Select All <input type="checkbox"/>
1	3C	<input type="text" value="2023-02-21"/>	<input type="text" value="2023-02-28"/>	<input type="checkbox"/>
2	3D	<input type="text" value="2023-02-25"/>	<input type="text" value="2023-02-28"/>	<input type="checkbox"/>
3	PHARMA	<input type="text" value="yyyy/mm/dd"/>	<input type="text" value="yyyy/mm/dd"/>	<input type="checkbox"/>

- Form will be submitted on Update Button

#### Module Control

Module name:

Sr. no.	Division Name	Start Date	End Date	Select All <input type="checkbox"/>
1	3C	<input type="text" value="2023-02-27"/>	<input type="text" value="2023-02-28"/>	<input type="checkbox"/>
2	3D	<input type="text" value="2023-02-22"/>	<input type="text" value="2023-02-28"/>	<input type="checkbox"/>
3	PHARMA	<input type="text" value="2023-02-20"/>	<input type="text" value="2023-02-28"/>	<input type="checkbox"/>
4	ACTIVA	<input type="text" value="2023-02-28"/>	<input type="text" value="2023-03-28"/>	<input checked="" type="checkbox"/>
5	BIONOVA	<input type="text" value="yyyy/mm/dd"/>	<input type="text" value="yyyy/mm/dd"/>	<input type="checkbox"/>
6	DYNAMIX	<input type="text" value="yyyy/mm/dd"/>	<input type="text" value="yyyy/mm/dd"/>	<input type="checkbox"/>
7	HOSPITAL	<input type="text" value="yyyy/mm/dd"/>	<input type="text" value="yyyy/mm/dd"/>	<input type="checkbox"/>
8	INNOVA	<input type="text" value="yyyy/mm/dd"/>	<input type="text" value="yyyy/mm/dd"/>	<input type="checkbox"/>
9	INSTITUTION	<input type="text" value="yyyy/mm/dd"/>	<input type="text" value="yyyy/mm/dd"/>	<input type="checkbox"/>
10	NEPAL (GEN)	<input type="text" value="yyyy/mm/dd"/>	<input type="text" value="yyyy/mm/dd"/>	<input type="checkbox"/>
11	NEPHRO	<input type="text" value="yyyy/mm/dd"/>	<input type="text" value="yyyy/mm/dd"/>	<input type="checkbox"/>
12	INTIMA	<input type="text" value="yyyy/mm/dd"/>	<input type="text" value="yyyy/mm/dd"/>	<input type="checkbox"/>

Update



## 1.2 Module Control Exception

With the “module control exception” feature, the Admin will be able to control the exceptions, if any needs to be given to the user or not. (e.g. whether a user has to be given an exception or not to add new doctors/chemists). For Module Control Exception (User Wise) search criteria will be based on Employee code.

### Module Control Exception

Employee code:	<input type="text"/>	<input type="button" value="Search"/>
----------------	----------------------	---------------------------------------

- Search criteria for Listing will be:
  - Employee code  
--> This will be a number input field.
  - Search  
--> This will be a button.  
--> Form will be validated on click of this button.  
--> Once the validation is done listing will get display.

Sr. no.	Employee Code	Employee Name	Module Name	Status	Select All <input type="checkbox"/>
1	007677	HOQUE RAMIJ RAJA	Addition of Doctors	Given	<input type="checkbox"/>
2	007677	HOQUE RAMIJ RAJA	Addition of Chemist	Not Given	<input type="checkbox"/>

- Listing will have following column such as: Sr.No, Employee Code, Employee Name, Module Name, Status, Select All
- Form will be submitted on “Give Exception” or “Remove Exception” Button
- Following are the Module Names which will get affected from **Module Control** and **Module Control Exception** :  
--> Addition of Doctors, Addition of Chemist, Deactivation of Doctors, Contact Relocation, Business Monitor Update, Patient Care and support, Raise Advance request.

### Module Control Exception

Employee code:	<input type="text" value="001933"/>	<input type="button" value="Search"/>
----------------	-------------------------------------	---------------------------------------

Sr. no.	Employee Code	Employee Name	Module Name	Status	Select All <input type="checkbox"/>
1	001933	HEMANT P SURYAWANSHI	Addition of Doctors	Not Given	<input type="checkbox"/>
2	001933	HEMANT P SURYAWANSHI	Addition of Chemist	Not Given	<input type="checkbox"/>
3	001933	HEMANT P SURYAWANSHI	Deactivation of Doctors	Not Given	<input type="checkbox"/>
4	001933	HEMANT P SURYAWANSHI	Contact Relocation	Not Given	<input type="checkbox"/>
5	001933	HEMANT P SURYAWANSHI	Business Monitor Update	Not Given	<input type="checkbox"/>
6	001933	HEMANT P SURYAWANSHI	Patient Care and support	Given	<input type="checkbox"/>
7	001933	HEMANT P SURYAWANSHI	Raise Advance request	Not Given	<input type="checkbox"/>

## 2. Ex India - OPSC Module

### 2.1 New Distributor Upload

#### Purpose/Objective

Front end for sales-admin to store all the SAP distributors details. It is universal master from where distributors are uploaded.

#### Functionality

1. The sales-admin should be able to upload new distributor .csv file.
2. A sample download file is been provided.
3. On click on upload the file will be uploaded successfully. If there is an error users will be redirected to error log page and should be able to download the error log file.
4. The upload file contains SAP Code, Distributor Name, City, State columns.

#### Validation

1. All columns are mandatory.
2. If same sap code is entered it should give an error message sap code already exist.
3. If state and city is invalid it should give an error message.

**New Distributor Upload**

No file chosen

**Note : You can Upload only .csv file.**

Download the sample demo .csv file for reference:

	A	B	C	D
1	SAP Code	Distributor Name	City	State
2	10024218	Transcom Distrib	DHAKA	BANGLADESH
3	10022838	CIC HOLDINGS P	COLOMBO	SRI LANKA
4				

	A	B	C	D
1	SAP Code	Distributor Name	City	State
2	100184345		MALDIVES	MALDIVES
3				

**Error Occured During Processing.**

[Download Error Log](#) [Back](#)

	A	B	C	D	E	F
1	Sr. No	SAP Code	Distributor Name	City	State	ERROR
2	1	1E+08		MALDIVES	MALDIVES	Distributor Name is Empty
3						

### 2.2 New Product Upload

#### Purpose/Objective

Front end for sales-admin to store new products details.

#### Functionality

1. The sales-admin should be able to upload new product .csv file.
2. A sample download file is been provided.
3. Select the type sample/sale or promo
4. On click on upload the file will be uploaded successfully. If there is an error users will be redirected to error log page and should be able to download the error log file.
5. The upload file contains product code, division, brand, product, product SKU, and category columns.

## Validation

1. All columns are mandatory.
2. If product already exists it should give an error message Product Already present in the system.
3. If brand and division column is invalid it should give an error message particular column is invalid.

**New Product Upload**

Choose File No file chosen

\*Select Type: 

Sample/Sale  
Promo

Upload

Note : You can Upload only .csv file.

Download the sample demo .csv file for reference:

New Product Upload

	A	B	C	D	E	F
1	Product Code	Division	Brand	Product	Product SKU	Category
2	2030002000	NL	ENSURE DIABETI	ENSURE DIABETES CARE	Ensure Diabetes Vanilla 400GM BIJ - J NL	SALE
3	2030003100	BD	PEDIASURE	PEDIASURE	PEDIASURE VANILLA 400 GM BIJ - J BL	SALE
4						

## 2.3 Primary Master Upload

### Purpose/Objective

Front end for sales-admin to upload primary master.

### Functionality

1. The sales-admin should be able to upload primary master .csv file in ftp under /Primary\_Master\_Upload folder.
2. And then in front-end select month and year.
3. A sample download file is been provided.
4. On click on upload the file will be uploaded successfully. If there is an error users will be redirected to error log page and should be able to download the error log file.
5. The upload file contains SAP Distributor Code, Name of Distributor, Territory, Invoice Date, Batch No, Division, Expiry Date, LR Date, Invoice No., Product Code, Product SKU, Billing Type Description, Sales, Sales Value(Rs), Line Manager, Skip Line Manager columns.

## Validation

1. All columns are mandatory.
2. If price master is not uploaded for the particular product, it should give an error message Price master not uploaded for this SKU
3. If any column doesn't exist in db or invalid it should give an error message respective column is invalid.

**Primary Master Upload**

\*Select Month:

\*Select Year:

Upload

Note : You can Upload only .csv file in /Primary\_Master\_Upload.

Download the sample demo .csv file for reference:

Primary Master Upload

	A	B	C	D	E	F	G	H	I	J	K	L
1	SAP Distributor ( Name of Distrib	Territory	Invoice Date	Batch No	Division	Expiry Date	LR Date	Invoice No.	Product Code	Product SKU	Billing Type Desc Sales	
2	10024214	Transcom Distri	KOL-ANI-BMB	13-01-2023	38014MN2	BD	13-06-2024	13-01-2023	3264007588	2030003706	PEDIASURE VAN	Commercial Invc
3												



### 3. Cipla Reports

#### 3.1 Efforts Report

This module is related to Generation of Efforts Report with appropriate changes.

##### Requested Feature *(for Efforts report)*

1. All users will be able to use this functionality.
2. Search Criteria has following fields : Division, Role, Territory.
3. Generating Efforts Report.
  - On click of CreateXL Button, an excel file will be generated.
  - The report will contain columns as follows: Division, Second Level LoginId, Second Level EmpName, Second Level Designation, Second Level TerritoryName, Second Level TerritoryCode, First Level LoginId, First Level EmpName, First Level Designation, First Level Territoryname, First Level TerritoryCode, Login Id, Employee Name, Designation, Territory Name, Territory Code, Field Working Days, Non Field Working Days, No. of retail outlets, Total Retail Calls, Retail outlet missed, Call Average, Productive Calls, Productive Calls Per, TLS, Total POB Value, Normal POB Value, Qps POB Value, Display POB Value, Number Of QPS Slabs Booked
  - Excel File name will be in Format “efforts\_report\_Y-m-d h:i:sa.xls”

##### EFFORTS REPORT

Search Criteria:

\*indicates required field

*Division:	Team Birbal ▼	*Role:	RBM ▼	*Territory:	▼	*Month:	▼	*Year:	▼
------------	---------------	--------	-------	-------------	---	---------	---	--------	---

CreateXL Back

#### 3.2 PRODUCT WISE POB REPORT

This module is related to Generation of Product Wise POB Report with appropriate changes.

##### Requested Feature *(for Product Wise POB Report)*

1. All users will be able to use this functionality.
2. Search Criteria has following fields : Division, Role, User Name, Month, Year.
3. Generating Product Wise POB Report.
  - On click of Create CSV Button, an CSV file will be generated.
  - The report will contain columns as follows: Division, Second Level LoginId, Second Level EmpName, Second Level Designation, Second Level TerritoryName, Second Level TerritoryCode, First Level LoginId, First Level EmpName, First Level Designation, First Level Territoryname, First Level TerritoryCode, Login id, EmpName, Designation, TerritoryName, TerritoryCode, Productcategory, Brand, Productcode, Productname, PTS, QtyinUnits Total, Value PTS Total, QtyinUnits Normal, Value PTS Normal, Qty Qps, Value PTS QPS, QtyinUnits Display, Value PTS Display
  - CSV File name will be in Format “ProductsPob\_Report.csv”

#### PRODUCT WISE POB REPORT

The screenshot shows a search criteria form for the 'PRODUCT WISE POB REPORT'. It includes dropdown menus for Division (Team Birbal), Role (TSO), User Name (Anil yadav ( TSO ) ( Mumbai West 6 )), Month (MARCH), and Year (2023). There are 'Create CSV' and 'Back' buttons.

### 3.3 EFFORTS TREND REPORT

This module is related to Generation of Efforts Trend Report with appropriate changes.

#### Requested Feature (for Efforts Trend Report)

- 1.All users will be able to use this functionality.
2. Search Criteria has following fields : Division, Role, User Name, Financial Year
4. 3.Generating Efforts Trend Report.
  - On click of CreateXL Button, an excel file will be generated.
  - The report will contain columns Division,Second Level LoginId,Second Level EmpName,Second Level Desgnation,Second Level TerritoryName,Second Level TerritoryCode,First Level LoginId,First Level EmpName,First Level Designation,First Level Territoryname,First Level TerritoryCode,Login id,Employee Name,Designation,Territory Name,Territory Code,Financial Year, Total Call-Financial Month-Year Start To Total Call-Financial Month-Year End , Call Average-Financial Month-Year Start To Call Average-Financial Month-Year End , Productive Call-Financial Month-Year Start To Productive Call-Financial Month-Year End , Productive Call Percentage-Financial Month-Year Start To Productive Call Percentage Month-Year End ,
  - Excel File name will be in Format “call\_trend\_report\_Y-m-d h:i:sa.xls”.

#### EFFORTS TREND REPORT

The screenshot shows the search criteria form for the 'EFFORTS TREND REPORT'. It includes dropdown menus for Division (Team Birbal), Role (TSO), User Name (with a list of options: ( TSO ) ( Tirupati ), ( TSO ) ( Kothagudem ), ( TSO ) ( Sirsa ), ( TSO ) ( Hiser 1 )), and Financial Year. There are 'CreateXL' and 'Back' buttons.

### 3.4 POB TREND Report

This module is related to Generation of POB Trend Report with appropriate changes.

#### Requested Feature (for POB Trend Report)

- 1.All users will be able to use this functionality.
- 2.Search Criteria has following fields : Division, Role,User Name,Financial year
- 3.Generating POB Trend Report.
  - On click of CreateXL Button, an excel file will be generated.
  - The report will contain columns Division,Second Level LoginId,Second Level EmpName,Second Level Desgnation,Second Level TerritoryName,Second Level TerritoryCode,First Level LoginId,First Level EmpName,First Level Designation,First Level Territoryname,First Level TerritoryCode,Login id,Employee Name,Designation,Territory Name,Territory Code,Financial Year, Total POB Value-Financial Month-Year Start To Total POB Value-Financial Month-Year End , Normal POB Value-Financial Month-Year Start To Normal POB Value-Financial Month-Year End , QPS POB Value-Financial Month-Year Start To QPS POB Value-Financial

Month-Year End , Display POB Value-Financial Month-Year Start To Display POB Value Month-Year End ,

- Excel File name will be in Format “pob\_trend\_report\_Y-m-d h:i:sa.xls”.

#### POB TREND REPORT

Search Criteria:

\*indicates required field

\*Division: Team Birbal ▼ \*Role: ▼ \*User Name: ▼ \*Financial Year: ▼

CreateXL Back

### 3.5 PRODUCTWISE POB TREND Report

This module is related to Generation of ProductWise POB Trend Report with appropriate changes.

#### Requested Feature (for Productwise POB Trend Report)

- 1.All users will be able to use this functionality.
- 2.Search Criteria has following fields : Division, Role,User Name,Financial year
- 3.Generating ProductWise POB Trend Report.
  - On click of CreateXL Button, an excel file will be generated.
  - The report will contain columns Division,Second Level LoginId,Second Level EmpName,Second Level Desgination,Second Level TerritoryName,Second Level TerritoryCode,First Level LoginId,First Level EmpName,First Level Designation,First Level Territoryname,First Level TerritoryCode,Login id,Employee Name,Designation,Territory Name,Territory Code,Category,Brand,Product Code,Product Name,Financial Year,POB Qty-Financial Month-Year Start To POB Qty-Financial Month-Year End,POB Value-Financial Month-Year Start To Total POB Value-Financial Month-Year End , Normal POB Qty-Financial Month-Year Start To Normal POB Qty-Financial Month-Year End ,Normal POB Value-Financial Month-Year Start To Normal POB Value-Financial Month-Year End , QPS POB Qty-Financial Month-Year Start To QPS POB Qty-Financial Month-Year End ,QPS POB Value-Financial Month-Year Start To QPS POB Value-Financial Month-Year End , Display POB Qty-Financial Month-Year Start To Display POB Qty Month-Year End ,Display POB Value-Financial Month-Year Start To Display POB Value Month-Year End ,
  - Excel File name will be in Format “productwise\_pob\_trend\_report\_Y-m-d h:i:sa.xls”.

#### PRODUCTWISE POB TREND REPORT

Search Criteria:

\*indicates required field

\*Division: Team Birbal ▼ \*Role: ▼ \*User Name: ▼ \*Financial Year: ▼

CreateXL Back



## 4. DCR & Expense Reminder Auto mailer

The reminders auto mailer feature will send reminder emails to respective functionality depending on the criteria's set. An automated process will be set which will be scheduled at a specific time to trigger the emails. The two reminders for the auto mailer are as stated below:

1. The DCR Reminder feature – If the User has not submitted/synced a DCR for past working day/s then an email will be triggered.  
An automated process will be set which will be scheduled at a specific time to trigger the emails; to be executed on daily basis.  
If the User has not submitted/synced a DCR for working day then an email will be triggered on the next day.
2. The Monthly Expense Reminder feature – If the User has not submitted the monthly expense of a month/s, then an email will be triggered to the user from 2nd of the next month onwards.  
An automated process will be set which will be scheduled at a specific time to trigger the emails; to be executed on alternate day basis.  
If User has not submitted the monthly expense of a month/s and there is a DCR submitted for that month, then an email will be triggered to the user from next month onwards after the cut off day.

ATTENTION: Pending DCR Sync - Dear ARUNKUMAR B, Your DCR is not submitted/synced...	11:06AM
ATTENTION: Pending Expense Statement Submission - Dear ARUNKUMAR B, Your field exp...	10:43AM
ATTENTION: Pending Expense Statement Submission - Dear MANEESH S, Your field expen...	Apr 1
ATTENTION: Pending DCR Sync - Dear MANEESH S, Your DCR is not submitted/synced fo...	Apr 1
ATTENTION: Pending Expense Statement Submission - Dear SUMIT DUBEY, Your field expe...	Mar 30
ATTENTION: Pending DCR Sync - Dear SUMIT DUBEY, Your DCR is not submitted/synced f...	Mar 30

## 5. Automation of Confirmation Process

This feature is applicable to DSM and ZSM user.

### Purpose, Scope and Business functionality

- The purpose of this feature is to automate the confirmation process as below.
- Once FSO or DSM completed their 135 days in the organization, one email will go to their immediate active in order to inform them to submit the appraisal form for the users.
- If DSM is failed to submit appraisal for their respective FSO within 7 days then mail will be triggered to the ZSM after seven days (i.e. after 142 days).
- IF the ZSM has not taken the action then in next 7 days (i.e. after 149 days) Mail will be triggered to NSM with CC to BHR.
- IF the NSM has not taken the action then in next 3 days (i.e. after 152 days) Mail will be triggered to Sales head with CC to BHR, CHRO & CBO.
- Mail will be triggered on **alternate** days.
- If user has completed more than 152 days in the organization then mail will be triggered to

all the managers at a time on alternate days.

- For e.g. if FSO has completed 264 days in the organization and DSM has not yet submitted appraisal for him then mail will be triggered to DSM along with ZSM, NSM, Sales Head, HR and CBO in CC.
- Once the HR approves the confirmation then on 181th day of date of joining the letter will be sent to FSO automatically as an attachment, through system with CC to DSM, ZSM & respective HR.
- **Note:** Confirmation letter will go to all confirmed FSO/DSM user who have completed their 180 days in the organization.
- **No** letter will be sent to the user who are confirmed after 180 days in the organization.
- Following are the few fields from pdf (attachment) :**Ref, Emp Code, Date, HR Signature, Address, CIN.**

### Web Changes

- Manager has to submit appraisal form for their field users i.e. DSM has to submit appraisal for FSO and ZSM has to submit appraisal for DSM.
- Once DSM submit appraisal for FSO it will be pending with FSO for acceptance (Existing functionality).
- Once FSO accepted the appraisal it will be pending with ZSM for approval (Existing functionality).
- Once ZSM approves it will be pending with HR for final approval (Existing functionality).
- HR has to click on edit link to approve the appraisal request.
- Effective date is mandatory to select. It can be past or future date.
- Two fields are added above effective date where HR can view the current and new designation of the requested employee. For E.g. Current designation is PFSO and new designation is FSO.
- Once HR approves the confirmation request in client's system then designation of FSO & DSM will get change automatically on the **effective** date selected by HR while approving the request.
- In order to handle confirmation when effective date is future date, one cron will be executed on daily basis to confirm the employee on the selected effective date.
- Below fields should get updated in the system after confirmation of user.
  - User's designation will get changed i.e. from PFSO to FSO and PDSM to DSM.
  - Confirmation date will set as Effective date (date selected by HR while approving appraisal request).
  - CL leave balance should get updated as per pro rata basis.

## Probation Appraisal Form

User Search:

Employee Role: <input type="text"/>	Employee Name: <input type="text"/>	Employee Code: <input type="text"/>
Year: <input type="text"/>	Month: <input type="text"/>	Status: <input type="text"/>

Search

Generate Appraisal Form

Reference Details

User List:

Showing 1 - 1 of 1								
Sr. No.	Division	Employee Name	Employee Code	Date of Joining	Appraiser Name	Status	Pending With	Edit   Delete
1	HBT	<a href="#">Kapish Dixit</a>	10001066	28-09-2022	Jagdish Jadhav	Submitted	Kapish Dixit for Acceptance	

Print Appraisal PDF

Section I:	
Personal Details:	
Employee Name:	Kapish Dixit (PDSM)
Date of Joining:	28-09-2022
Territory:	MUMBAI-SD-1
District:	MUMBAI-SD-1
Date of Probation/Confirmation:	05-04-2023
Employee Number:	10001066
Headquarter:	MUMBAI
Zone:	MUMBAI-ZM
AO NAME:	IFORCEAO
Division:	HBT

Section II:					
Business Results:					
Parameters	Budget (YTD)	Value Achievement (YTD)	Percentage (%)	Max Score	Allotted Score
Total Score:				0	0.00

Section III:		
Personal Attributes:		
Personal Attributes	Max	Total
<b>Leadership Skills</b> Enjoys acceptance & respect of his team members. Identifies the strengths of his team members & capitalizes the same. Has the ability to energize & motivate his team members. Consciously develops his own leadership style	5	0.00
<b>Team Development</b> Identifies key areas of priority for each member & works on developing the same. Good disciplinarian. Trains his team on the job. Shares relevant information with the team & keeps them updated. Coaches his team members towards	5	0.00

Section IV:			
Individual Development:			
Sr. No.	Functional Needs Selected	Sr. No.	Developmental Needs Selected
Remarks Specified: -			
Reason Specified: good performance			

Section V:			
Annual Scoring:			
Section	Score	Weightage	Total Score
Business Results	0.00	0.6	0
Personal Attributes	0.00	0.4	0
Overall Rating	0		0
Period of Tenure selected: Recommended for Confirmation			

Back

## Mail when user has not taken action

Dear DSM/ZSM,

Pls fill the appraisal form of Mr/Ms.Prakash Mohan Gupta within 2 days in Iforce system.

## Confirmation letter Mail of FSO/DSM user who has completed 180 days in organization

Dear Mohd Tazeem,

Greetings from Integratec !!!

We are pleased to inform you that you have completed your probation period, you are being confirmed as "District Sales Manager" in our organization w. e. f. 07-Oct-2022.

Kindly find attached the confirmation letter for your reference.

Integratec congratulates you on your confirmation and looking forward for your continuous efforts.

One attachment • Scanned by Gmail ⓘ



## **6. Dcr Delete Feature -->Testing done for ABM user**

This feature will enable user to delete DCR and their managers to approve DCR deletion request.

**Use Case Description:** This will enable all users to delete DCR they have filled for a particular day, the DCR delete request will go through 2 level approval. 1<sup>st</sup> level will be active reporting manager and 2<sup>nd</sup> level will be sales admin.

**Primary Actor:** All Users

**Precondition:** User has to have DCR filled for that particular day.

**Trigger:** Users have to select DCR delete request tab in DCR.

**Limitation:** currently available only on web.

**Basic Flow:** a)Raising a DCR delete request  
b)Accepting/Approving a DCR delete request

**Delete DCR Request Search:**

Status:	<input type="text"/>	*Month:	<input type="text"/>	*Year :	<input type="text"/>	<input type="button" value="Search"/>	<input type="button" value="Clear"/>
Requestor Role:	<input type="text" value="Select option"/>	Requested User:					

**Delete DCR Request Listing:**

Showing 1 - 13 of 13								
Sr.No	Request ID	Division	Month	Year	Created By	Pending With	Submitted Date	Status
1	35	Pentacare	Nov	2022	SHASHANK PANDYA	VEERENDRA KUMAR SHUKLA	2023-04-10	Pending
2	34	Pentacare	Dec	2022	SAURABH SINGH PARIHAR	SHASHANK PANDYA	2023-04-10	Pending
3	33	Pentacare	Dec	2022	SAURABH SINGH PARIHAR		2023-04-10	Rejected
4	32	Pentacare	Dec	2022	SAURABH SINGH PARIHAR		2023-04-10	Rejected
5	31	Pentacare	Dec	2022	SAURABH SINGH PARIHAR	Admin	2023-04-10	Accepted
6	30	Pentacare	Nov	2022	SHASHANK PANDYA	VEERENDRA KUMAR SHUKLA	2023-04-10	Pending
7	29	Pentacare	Dec	2022	SAURABH SINGH PARIHAR		2023-04-09	Approved

## 7. Security changes -->(Changes in the password policy)

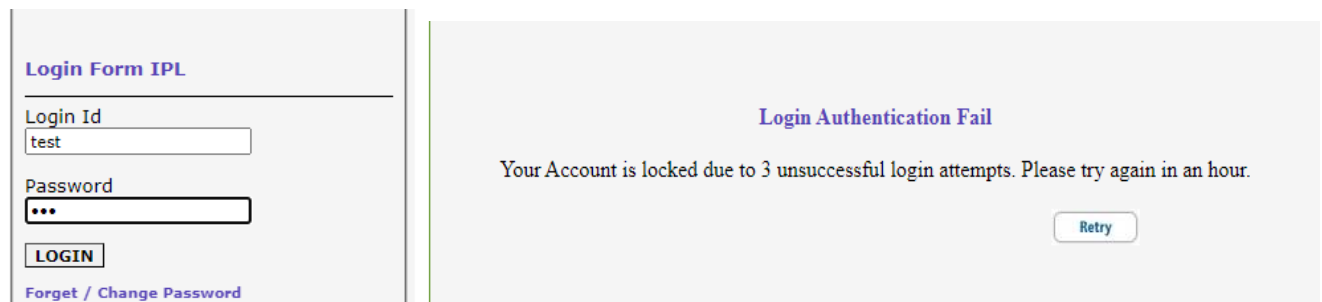
The password policy changes are made on the login screen. The purpose of this modification is to block the account after 3 unsuccessful login attempts.

### Existing Functionality :

It allowed users to log in multiple times with incorrect incorrect credentials.

### Changes Requested:

- It should not allow users to log in with incorrect details after three unsuccessful login attempts with the same username.
- The account should be locked if the user logs in with the wrong password more than 3 times with the same username.
- The account will be blocked for an hour.



The image shows two side-by-side screenshots of a web application. The left screenshot is titled 'Login Form IPL' and contains a 'Login Id' field with the value 'test', a 'Password' field with three dots, a 'LOGIN' button, and a link 'Forget / Change Password'. The right screenshot shows a 'Login Authentication Fail' message in purple text, followed by the message 'Your Account is locked due to 3 unsuccessful login attempts. Please try again in an hour.' and a 'Retry' button.

## 8. Urgent\_3 Days locking period for ZSM/SM (Android re-testing phase2)

**Purpose :** The purpose of this feature is to implement 3 days locking period for ZSM/SMs. To display the validation in case there is any active LOP, To change functionality of weekly report unlocking to day wise unblocking.

### WEB AND ANDROID CHANGES FOR FSO /DSM

#### Existing Features(FSO/DSM):

If there is LOP for any FSO/DSM user and if he tries to file dcr for other open dates, then the user was allowed to proceed and file dcr.

#### Added Features For FSO/DSM

- If there is LOP for any user and if he tries to file DCR for any particular date **OR** If there is LOP on the users joining or transferred date, then user will be blocked from filing DCR and LOP validation "Cannot proceed as LOP is set on: (lop date). Kindly unlock and file any activity or leave in order to proceed validation" will display.



- If there is any LOP and for that LOP ,DCR exception is given , and user try to file DCR then he will be allowed to do from file blocked daily activity report button.

### Sample screen-shot of LOP unlocking

\* indicates required field

\* Division: ZOLTAN \* Role: FSO \* User Name: AJEET SINGH YADAV (FSO) (JHANSI-ST) \* Year: 2022 \* Month: AUGUST

Generate Back

Report For : AJEET SINGH YADAV(FSO) Division : ZOLTAN Month : August Year : 2022

Approve Cancel Create XL

SR. NO.	LOGINID	USERNAME	DESIGNATION	MONTH	YEAR	LOP COUNT	DATES	LOP COUNT	LOCK DAR's	DAR's AS LOP	REASON
1	90017779	AJEET SINGH YADAV	FSO	Aug	2022	4	<input checked="" type="checkbox"/> 01 <input checked="" type="checkbox"/> 02 <input checked="" type="checkbox"/> 03 <input checked="" type="checkbox"/> 04	0	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/>	dfd bs ashw dfd

### Sample screenshot of LOP validation on Web

**Cannot proceed as LOP is generated on: 2022-08-01,2022-08-02,2022-08-03,2022-08-04. Kindly unlock and file any activity or leave in order to proceed.**

Proceed

### Sample screenshot of LOP validation on App

DCR

2023-04-15

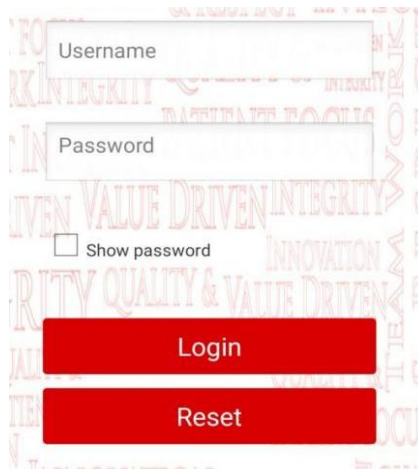
2023-04-14

You have LOP for: 2023-04-01,2023-04-03,2023-04-11,2023-04-13  
Hence, you cannot sync. Kindly contact HO to get exception.

OK

## 9. Failed login (Android app testing)

Verify Login to app with valid and invalid user credentials , also with and without internet connection.

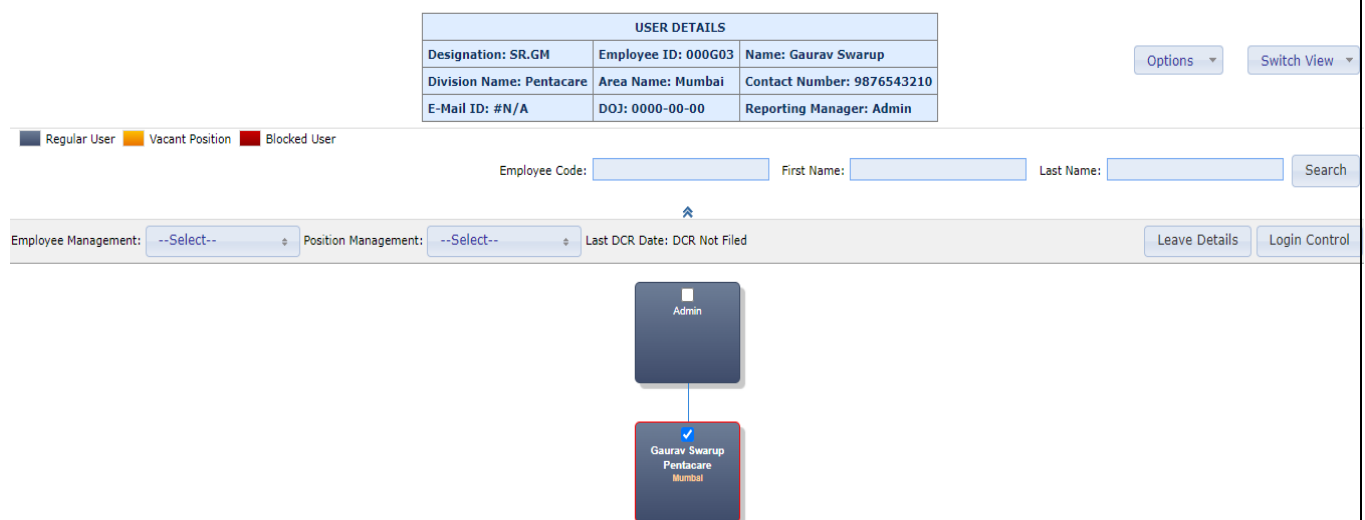


A login form with a background of red text patterns. It contains two input fields: 'Username' and 'Password'. Below the password field is a checkbox labeled 'Show password'. At the bottom are two red buttons: 'Login' and 'Reset'.

## 10. ORGANOGRAM (Web Testing of new changes and Smoke Testing of existing feature)

**10.1 User Details :** This feature will enable Sales admin user to view the user details such as designation, employee id, name, division name, area name, contact, email, date of joining and reporting manager after clicking on user's node in organogram.

**10.2 Last DCR Date :** This feature will enable user to view the last DCR date after clicking on required user's box in organogram.



The interface shows a 'USER DETAILS' table with the following data:

USER DETAILS		
Designation: SR.GM	Employee ID: 000G03	Name: Gaurav Swarup
Division Name: Pentacare	Area Name: Mumbai	Contact Number: 9876543210
E-Mail ID: #N/A	DOJ: 0000-00-00	Reporting Manager: Admin

Below the table are buttons for 'Options' and 'Switch View'. A legend indicates: Regular User (blue), Vacant Position (yellow), Blocked User (red). Search fields for Employee Code, First Name, and Last Name are present, along with a 'Search' button. Below these are dropdowns for 'Employee Management' and 'Position Management', both set to '--Select--'. A status bar shows 'Last DCR Date: DCR Not Filed' and buttons for 'Leave Details' and 'Login Control'. The organogram shows a hierarchy: 'Admin' (blue box) at the top, connected to 'Gaurav Swarup Pentacare Mumbai' (red box) below it.

**10.3 Leave Details :** This feature will enable user to view the leave details after clicking on required user's box an in organogram

**Leave Details**

Financial Year: 2022-23

Casual Leaves: 3.000

Sick Leaves: 4.000

Earned Leaves: 18.000

Maternity Leaves: 0.000

Ok

**10.4 Add New Employee - Leave Details :** This feature will enable user to add leave details for the newly created selected user.

**Add New Employee**

Account Basic Information Contact Details Company Allowance Details Other

**Leave Details**

Casual Leaves: 10 Financial Year: 2023-24 ✓

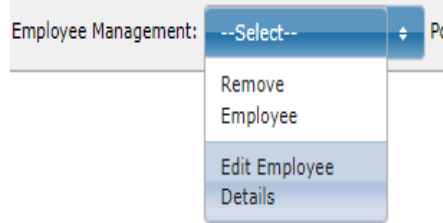
Sick Leaves: 7

Earned Leaves: 6

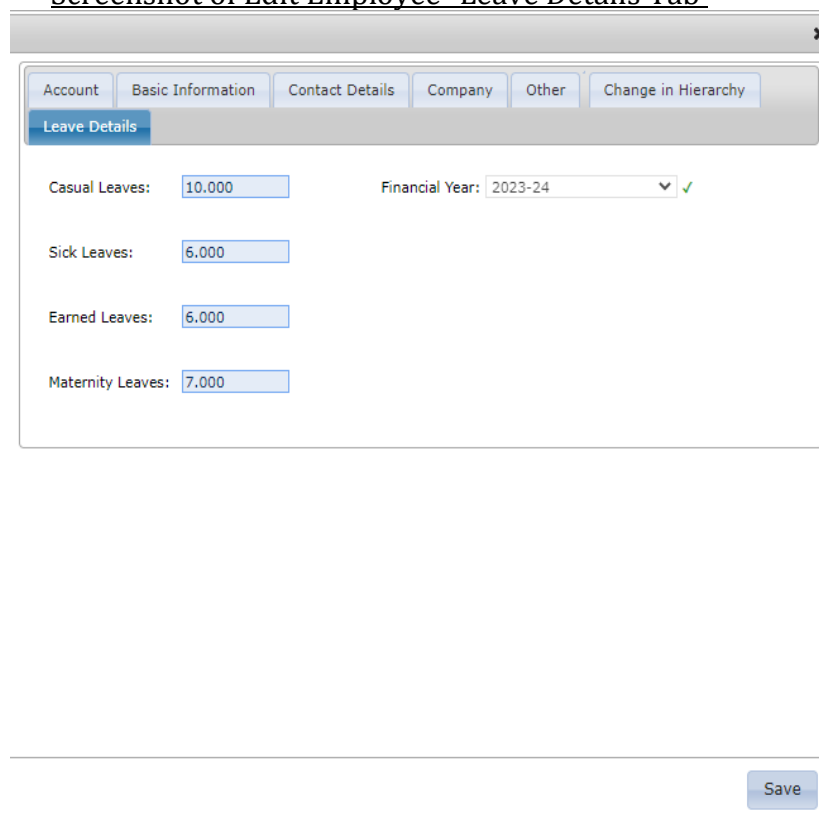
Ok

**10.5 Edit Employee - Leave Details :** This feature will enable user to update the leave details of existing user.

Screenshot of Edit Employee Details Option



Screenshot of Edit Employee -Leave Details Tab

A screenshot of a web application window titled 'Edit Employee -Leave Details'. The window has a close button (X) in the top right corner. Below the title bar, there is a tabbed interface with several tabs: 'Account', 'Basic Information', 'Contact Details', 'Company', 'Other', 'Change in Hierarchy', and 'Leave Details'. The 'Leave Details' tab is currently selected and highlighted. Inside this tab, there are four rows of input fields for leave details. Each row consists of a label, a text input field, and a 'Financial Year' dropdown menu. The labels and values are: 'Casual Leaves: 10.000', 'Sick Leaves: 6.000', 'Earned Leaves: 6.000', and 'Maternity Leaves: 7.000'. The 'Financial Year' dropdown is set to '2023-24' and has a green checkmark next to it. At the bottom right of the window, there is a 'Save' button.

**11. Issues in new version (App Retesting ):**

In this task DCR filling and syncing for doctors , chemist was tested .

## 12. Policy form in ARF module in Ex India

The purpose of this is to introduce changes in ARF Form and introduce policy forms linked to different activities.

### 12.1 Policy Form-Training and Education Support (Support To HCPs as Speakers at Educational Conferences) (FORM 17)

- This is the Policy Form with the form header as Training and Education Support (Support To HCPs as Speakers at Educational Conferences).
- This form will be applicable for Category as 'Support to HCP' and Sub Section as 'Sponsorship of HCP (only as Speaker)'.
- This form will be applicable for Category as 'Support to HCP' and Sub Section as 'Sponsorship of HCP (Non-Doctor)'.
- All the parameters which are mentioned as mandatory will be mandatory on Submit only.
- No Parameters will be mandatory on save.
- The parameters of this form are as follows: Number of concerned HCPs, Type of HCP, Venue of the Event, Estimate Cost of Activity , Third Party Engaged, Purpose of the Activity, Policy Requirements

ARF	POLICY	ADDITIONAL UPLOAD
-----	--------	-------------------

**Training and Education Support (Support To HCPs as Speakers at Educational Conferences)\***

Number of concerned HCPs: \*

Type of HCP: \*

☐ Govt HCP ☐ Pvt HCP

If Govt HCP, pls obtain and attach NOC from HOD  
If not obtained, pls do not proceed further

Choose File

No file chosen

Venue of the Event: \*

☐ Local / Domestic ☐ International

Please specify venue details:

## 13. Changes in Hospital/Institution Module

New fields added are as below:

1. Part of corporate/independent -drop down
2. New block added "Business Information " under which contains following fields :Business potential (MPL Product Range) ,Current BIZ(MPL Range), Currently Available Product, Current Challenges, Hospital Pharmacy/ Outsourced, Contact Person, Discussion Held, Follow Up Plan , Availability/Purchase Process Of Hospital, Remark



SUBMIT

CANCEL

## ROUTE INFORMATION

\*MARKET AREA:

## HOSPITAL/INSTITUTION INFORMATION

\*HOSPITAL/INSTITUTION NAME: GMC HOSPITAL

SPECIALITY: 

TOTAL NO OF DOCTOR

TYPE: 

INSTITUTION:

DEPARTMENT NAME NUMBER OF DOCTORS

DEPARTMENTS :

ADD

PART OF CORPORATE/INDEPENDENT: 

## BUSINESS INFORMATION

\*BUSINESS POTENTIAL (MPL PRODUCT RANGE):

\*CURRENT BIZ(MPL RANGE):

\*CURRENTLY AVAILABLE PRODUCT:

\*CURRENT CHALLENGES:

\*HOSPITAL PHARMACY / OUTSOURCED:

\*CONTACT PERSON:

\*DISCUSSION HELD:

\*FOLLOW UP PLAN:

\*AVAILABILITY/ PURCHASE PROCESS OF HOSPITAL:

\*REMARKS:

SUBMIT

CANCEL

## 14. FAMILY DETAILS

Purpose of the feature is to allow the employee to update the family details and add a new relation after clicking on the Edit button.

## Employee Family Details

SrNo	Title	Name	Relationship	Date of Birth	Occupation	Blood Group	Dependent	Late	Birth Certificate
1	Mr	rggrg	SELF	2023-05-08	Retired	A+	Yes	No	
2	Mr	Robert Smith	CHILD	2007-09-08	Business	A+	No	No	Robert Smith_BirthCertificate

Edit

## Family Information Form

*Title	*Name	*Relationship	*Date of Birthday	*Occupation	*Blood Group	*Dependent	*Late
Select Title	Enter Name	Select Relation	YYYY-MM-DD	Select Occupation	Select Blood Group	Select Dependent	Select Late

Add

SrNo	Title	Name	Relationship	Birthday	Occupation	Blood Group	Dependent	Late	birthcertificate_upload	Action
1	Mr	rggrg	SELF	2023-05-08	Retired	A+	Yes	No		Del
2	Mr	Robert Smith	CHILD	2007-09-08	Business	A+	No	No	Choose File Screenshot (2314).png	Del

Save Cancel

## 14.1 Report of Employee Family Details

This feature allows to download an excel file containing the data of the family details.No search criteria will be provided i.e on click on the link report will be downloaded.

Downloaded excel file will contain column as follows: EMPLOYEE\_ID, EMPLOYEE\_NAME, CATG, GRADE, DEPARTMENT, LOCATION\_NAME, DESIGNANTION, RELATIONSHIP, TITLE, NAME, DOB, OCCUPATION, BLOOD\_GROUP, DEPENDENT, LATE, DATE OF UPDATION

Screenshot of Employee Family Details Report link

- \*EMPLOYEE FAMILY DETAILS

## Screenshot of Employee Family Details Downloaded Report

	A	B	C	D	E	F	G	H	I
1	EMPLOYEE ID	EMPLOYEE NAME	CATG	GRADE	DEPARTMENT	LOCATION_NAME	DESIGNATION	RELATIONSHIP	TITLE
2	010141	AJJ MAKBOOL SHAHA				PUNE	BE	SELF	Mr
3	010141	AJJ MAKBOOL SHAHA				PUNE	BE	SELF	Mr
4	001465	Girish Patil				MUMBAI	SALESADMIN	SELF	Mr
5									

Cont.

J	K	L	M	N	O	P
NAME	DOB	OCCUPATION	BLOOD_GROUP	DEPENDENT	LATE	Date of Updation
raj pai	2023-05-01	Service	A+	No	No	2023-05-08 15:52:29
raj pai	2023-05-01	Service	A+	No	No	2023-05-08 15:53:15
rajesh desai	2023-05-01	Service	A+	No	No	2023-05-10 09:27:28

## 15. Daily RCPA to be developed under DCR

### Feature Applicable To:

- Mobile – This feature will be applicable to FSOs only.
- Report and Add/Delete Brands front ends – This will be applicable to Sales admin user only.

### Purpose and Scope

- The purpose of this requirement is to modify DCR filing for the doctors and to develop RX brand feature inside the DCR screen.
- RX brand feature will be applicable only when user is selecting prescriber option from the doctor status tab.
- Report will capture daily RCPA detail of users.
- Add/Delete Brands front-end is developed to add or delete brands for RCPA.

### 15.1 Add/Delete Brand Front end

Search criteria will have division drop down and Type (shows two options as 'Add Brands' and 'Delete Brands') drop down .

**Add/Delete Brands**

**Search Criteria:**

\*indicates required field

\*Division:  \*Type:

\*Brands:

\*From Date:

To Date:

## Screen shoot of Delete Brand -> search criteria and listing

**Add/Delete Brands**

**Search Criteria:**

\*indicates required field

\*Division: GYNAE ▼ \*Type: ▼

Search Back

**Delete Brands**

<input type="checkbox"/>	Sr No	Division	Brand Name	From Date	To Date
<input checked="" type="checkbox"/>	1	GYNAE	DUBAGEST	2023-04-01	0000-00-00
<input type="checkbox"/>	2	GYNAE	DYDRO	2023-04-01	0000-00-00
<input type="checkbox"/>	3	GYNAE	ESDZ	2023-04-01	0000-00-00
<input type="checkbox"/>	4	GYNAE	FENZA	2023-04-01	0000-00-00

**Add/Delete Brand Value Front end :** Search criteria will have Type drop down showing two options as 'Add Brands' and 'Delete Brands'

## Screen shoot of Add Brand Value -> search criteria

**Add/Delete Brand Value**

**Search Criteria:**

\*indicates required field

\*Type: ▼

Search Back

\*Brand Value: Add Cancel

## Screen shoot of Delete Brand Value -> search criteria and listing

**Add/Delete Brand Value**

**Search Criteria:**

\*indicates required field

\*Type: ▼

Search Back

**Delete Brand Values**

<input type="checkbox"/>	Sr No	Brand Value
<input type="checkbox"/>	1	1-5
<input type="checkbox"/>	2	6-10
<input type="checkbox"/>	3	11-20
<input type="checkbox"/>	4	21-30
<input type="checkbox"/>	5	30+

## 16. EmPower DashBoard

Purpose and scope of this module is to allow the users to Monitor the RX values of each Brand

16.1 Dashboard Search Page: There are 2 Tab in Dashboard search page

### Trend Tab

The screenshot shows the 'Trend Search' form. It has a header with 'Trend' and 'User' tabs. The 'Trend' tab is selected. The form contains three dropdown menus: '\*Division:' (Select Division), '\*Role:' (Select Role), and '\*User:' (Select User). Below these are three buttons: 'Search', 'CreateXL', and 'Clear'.

- Trend Search contains: Division, Role, User, Fyear, Search drop down with CreateXL, Clear and Search buttons .
- In listing and also in Report both will contain same number of column which are:
  - Number of Doctors
  - Number of Rxers
  - Rxer %
  - Rx
  - P/D
  - Potential (Rs)
  - Contribution (Rs)
  - Share
  - New Rxers
  - Rxers Dropped
- In both listing and in report, the data will be for the current financial year and will be separated by months such as Apr-23, May-23, Jun-23

### Screen-shoot of listing

	MVISTA	XPLD	OROFER-XT TAB	DYDROFEM	PAUSE	ASOMEX	OROFER XT + TONIC					
ASOMEX	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
Number of Doctors	2284	4568	0	0	0	0	0	0	0	0	0	0
Number of Rxers	55	70	0	0	0	0	0	0	0	0	0	0
Rxer %	2.41	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rx	1122.00	196.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P/D	20.40	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Potential (Rs)	131274.00	252018.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Contribution (Rs)	131274.00	22932.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Share	100.00	9.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## Screen-shoot of Report

	A	B	C	D	E	F	
35	Rxers Dropped	0	147	0	0	0	0
36							
37	DYDROFEM	APR	MAY	JUN	JUL	AUG	
38	Number of Doctors	741	741	0	0	0	0
39	Number of Rxers	55	35	0	0	0	0
40	Rxer %	7.42	4.72	0	0	0	0
41	Rx	1493	98	0	0	0	0
42	P/D	27.15	2.8	0	0	0	0
43	Potential (Rs)	592721	429554	0	0	0	0
44	Contribution (Rs)	592721	38906	0	0	0	0
45	Share	100	9.06	0	0	0	0
46	New Rxers	213	50	0	0	0	0
47	Rxers Dropped	0	147	0	0	0	0

## 17. NHD ZCOG Changes

The objective is to explain the changes requested in the NHD request module pertaining to changes in adding of Order Type and Discount validation for products selected in New NHD Request.

### Brief Description of the modification:

The changes include add new order type selection ZCOG and changing the discount limit to 0-40 % only for the ZCOG order type. This will be applicable only for the Rivela division.

The options in order type drop-down will be as follows for Rivela division : ZNEX , ZNHD, ZCOG

The options in order type drop-down will be as follows for all other divisions except Rivela division : ZNEX, ZNHD.

The discount percentage allowed will be dynamic basis the order type selected.

For Order type: ZNEX and ZNHD in Field: Discount%, the minimum values will be 0 and maximum values to enter will 20 and for Order type: ZCOG, the minimum values will be 0 and maximum values to enter will be 40.

Existing functionality : The options provided under order type are ZNEX and ZNHD for all divisions.

Also there is a provision which allows to enter discount percentage against the products. The discount percentage can range from 0-20% and was static and same for all divisions and all order types.

New NHD Request			
Date of Request:		17-05-2023	
NHD Details			
Territory Name:	CHENNAI 1	CNF/Plant:	CHENNAI CNF
Stockist:	ENTERO-NOVACARE HEALTHCARE SOLUTIONS PVT LTD - CHEN ( 10003429 )	Retailer :	LIFECARE PHARMACY
Doctor Name:	Yuvaraj . Kumar	Retailer Address:	1166 SATHY RD GANAPATHYGANAPATHY
		Retailer Phone Number:	9842952985
Employee Details			
Name:	Syed E	Employee code:	210754
Territory:	CHENNAI 1	Patch:	Valasaravakkam
Division:	Rivela	Reporting To:	S Mohammed
Regional Manager(RM):	Thiruppathi G		



Particulars of Products required							
Brand		Product		PTS	Order Type	Discount%	Qty
2 options selected...							
Brand	Product	PTS	Order Type	Discount%	Qty	Total Value	Remark
<input checked="" type="checkbox"/> PERSOL (Rivela)	PERSOL AC 2.5 GEL (30 G) NEW PACK( 4000000108)	75.13	<input type="text" value="Z"/>	<input type="text" value=""/>	<input type="text" value=""/>	0.00	<input type="text" value=""/>
<input type="checkbox"/> PERSOL (Rivela)	PERSOL AC 5 GEL (30 G) NEW PACK( 4000000105)	112.82	<input type="text" value="Z"/>	<input type="text" value=""/>	<input type="text" value=""/>		<input type="text" value=""/>
<input type="checkbox"/> PERSOL (Rivela)	PERSOL FORTE CREAM 30 GM( 4000000104)	109.93	<input type="text" value="Z"/>	<input type="text" value=""/>	<input type="text" value=""/>		<input type="text" value=""/>
<input type="checkbox"/> PERSOL (Rivela)	PERSOL PLUS GEL (15GMS) SALE( 4000000103)	210.86	<input type="text" value="Z"/>	<input type="text" value=""/>	<input type="text" value=""/>		<input type="text" value=""/>
<input type="checkbox"/> AMROCAN (Rivela)	AMROCAN CREAM 30 GM( 4000000087)	192.86	<input type="text" value="Z"/>	<input type="text" value=""/>	<input type="text" value=""/>		<input type="text" value=""/>
Total Amount Utilized:		132.43	Total Amount (Current Request):		0.00	Balance Amount :	49867.57
						Outstanding Amount :	

## 18. Sample/Promo Inventory Integration

### Objective :

The Sample/Promo inventory integration process – In this, the process is to import the data (CSV files) from the client server into the myclient system on monthly basis. The process will run all the checks on data, only the valid data will be imported into the system and the invalid data (if error encountered) then that will be generated in an error file and the same file link will be sent in a mail to the client team.

### Screen shoot of mail when system does not find the file on the server

Dear All,

Inventory File upload has failed. Reason : File SamplePromoInventory\_2023-05-20.csv is not Uploaded on Server

### Screen shoot of mail when file size is greater than 5mb

Dear All,

Inventory File upload has failed. Reason : File Size Limit Exceeds. Please Upload File size less then 5mb on Server.

### Screen shoot of mail for Success with Exceptions status (data or inactive user)

Dear All,

Inventory File has been partially uploaded. The exception file is generated, click below link to download the file.

[Click here to download the file2023-05-22\\_ErrorReport.csv](#)

### Sample Screen shoot of mail for when file gets uploaded without any errors

Dear All,

Inventory File has been successfully uploaded.

## 19. Stockist Creation Module

This module will allow the users to raise requests for stockiest creation and then follow the approval workflow.

### Brief Description

1. This feature allows the users to create the stockists.
2. The feature will allow the approvers to add details and approve.
3. The feature will allow to track the requests raised.
4. The module will have different sub-features, below are the sub-features listed;
  - Listing & Search: Will provide a default list of the requests raised by the logged in manager or the team of the manager/User. It will allow to search and track the status of the request.
  - Raise New Request: Will provide option to create a new stockiest with all the required parameters/ fields and attachments.
  - Approval: Will provide approval workflow, the approver will be allowed to add /edit details and accordingly approve

### Stockist Creation & Listing



Filters:

Role:	<input type="text" value="BM"/>	*Territory:	<input type="text" value="Select"/>	Stockist Name:	<input type="text" value="Enter Stockist Name"/>
Status:	<input type="text" value="--SELECT--"/>				
<div>Search Clear</div>					

Show  entries

Sr No	Stockist Name	Requested By	Associated to Territory	Status	Pending With	Action
1	testing3	test_bm_2 dev.(test_bm_2)	test_bm_2	Pending for DT Approval	ANUP UPADHYAYA ZM	

Showing 1 to 1 of 1 entries

Previous **1** Next

### Screenshot of Basic tab form

BASIC	ATTACHMENTS	OTHER INFO	
<b>Full Postal Address(Bill To)</b>			
*Stockist Name	<input type="text"/>	*House No.& Street Name	<input type="text"/>
*State	<input type="text"/>	*Village / Town /City	<input type="text"/>
*Contact Person for Delivery	<input type="text"/>	*Pin Code	<input type="text"/>
*Phone / Mobile	<input type="text"/>	*Email ID	<input type="text"/>
<b>Godown Address (Bill To)</b>			
*House No.& Street Name	<input type="text"/>	*State	<input type="text"/>
*Village / Town /City	<input type="text"/>	*Contact Person for Delivery	<input type="text"/>
*Pin Code	<input type="text"/>	*Phone / Mobile	<input type="text"/>
*Email ID	<input type="text"/>		
<b>Other Details</b>			
*Type of Organization	<input type="text"/>		

### Screenshot of attachments tab form

BASIC		ATTACHMENTS		OTHER INFO	
Sr.no	Attachments (Allowed file types: .jpeg, .png, .jpg, .pdf, Max File Size allowed: 2mb )		Remark		
1	Letters from Party expressing desire to take up our wholesalership.	<input type="button" value="Choose File"/> Scree...3).png	<input type="text"/>		
2	Photo copies of Drug Licence 20B (if relevant). or photo copy of renewal challan, if DL is expired.	<input type="button" value="Choose File"/> No file chosen	<input type="text"/>		
3	Photo copies of Drug Licence 21B (if relevant). or photo copy of renewal challan, if DL is expired.	<input type="button" value="Choose File"/> No file chosen	<input type="text"/>		
4	Resignation Letter from outgoing party (In case of Replacment)	<input type="button" value="Choose File"/> No file chosen	<input type="text"/>		
5	GST Number Registration Xerox Copy	<input type="button" value="Choose File"/> No file chosen	<input type="text"/>		
6	Food License Number	<input type="button" value="Choose File"/> No file chosen	<input type="text"/>		
7	Any Residential Proof of Proprietor / Partner	<input type="button" value="Choose File"/> No file chosen	<input type="text"/>		
8	Pan Card Xerox of the firm	<input type="button" value="Choose File"/> No file chosen	<input type="text"/>		
9	Aadhar card of the Owner / Partner / Proprietor	<input type="button" value="Choose File"/> No file chosen	<input type="text"/>		
<input type="button" value="Save"/> <input type="button" value="Save &amp; Proceed"/> <input type="button" value="Cancel"/>					

### Screenshot of other info tab form

BASIC		ATTACHMENTS		OTHER INFO	
<b>Wholesaler DL:</b>					
*Form 20 B No	<input type="text" value="J -"/>	*Valid Upto	<input type="text" value="0000-00-00"/>		
*Form 21 B No	<input type="text"/>	*Valid Upto	<input type="text" value="0000-00-00"/>		
*GST No	<input type="text"/>	*Food License No	<input type="text"/>		
*PAN No	<input type="text"/>	*Aadhar Card No	<input type="text"/>		
*Bankers (only nationalised or scheduled banks)	<input type="text"/>	*Branch	<input type="text"/>		
*IFSC No	<input type="text"/>	*Account No	<input type="text"/>		
*State	<input type="text"/>	*House No. & Street Name	<input type="text"/>		
		*Village / Town / City	<input type="text"/>		

# Mini Development Tasks Worked On

## 1. Review System Report

There will be separate section for Review System Report under Standard Reports with 2 sub sections Review System Dump Report and Review System Details Report

- Review System Report
  - [\\*ReviewSystem Dump Report](#)
  - [\\*ReviewSystem Detailed Report](#)

### 1.1 Review System Dump Report

**Brief Description:** To create front-end for Review System Dump Report with following :

- >Creating search filter with year and month fields along with back and createXL buttons .
- >Creating appropriate validation function for year and month drop down on click on createXL button .
- >Should navigate to Standard Reports On click on back button.
- >On click of createXL button should download the review system dump report for selected year and months.

#### Screenshot

The screenshot shows a web form titled "REVIEW SYSTEM DUMP REPORT". Below the title is a section labeled "Search Criteria:". A note indicates "\*Indicates required field". The form contains two dropdown menus: "\*Month:" with a value of "-Month-" and "\*Year:" with a value of "-Year-". Below these is a redacted area with "-->". At the bottom right are two buttons: "Create XL" and "Back".

### 1.2 Review System Details Report

**Brief Description:** To create front-end for Review System Details Report with following :

- >Creating search filter with year and month fields along with back and createXL buttons .
- >Creating appropriate validations function for year and month drop down on click on createXL button ..
- >Should navigate to Standard Reports On click on back button.
- >On click of createXL button should download the review system dump report for selected year and months.

#### Screenshot

The screenshot shows a web form titled "REVIEW SYSTEM DETAILS REPORT". Below the title is a section labeled "Search Criteria:". A note indicates "\*Indicates required field". The form contains two dropdown menus: "\*Month:" with a value of "-Month-" and "\*Year:" with a value of "-Year-". Below these is a redacted area with "-->". At the bottom right are two buttons: "Create XL" and "Back".

## 2. Changes in GST Master Module

Added TAX Code filed in GST master for New GST as well as Edit GST . Also doing save code part and listing for same filed with all necessary validation.

-->GST master module is located under my accounts for sales admin user.

-->Add column TAX code in GST listing with appropriate validations for same

-->Add tax code field for NEW GST with appropriate validations for same.

-->Add tax code field for Edit GST with appropriate validations for same.

### Screenshot of GST Listing

**GST Search:**  

\* From date :

\* To date:

**GST List:**

Sr. No.	Services	HSN Code	TAX Code	SGST	CGST	IGST	From Date	To Date	Actions
1	Liquor	A12345		9	9	18	2020-06-01	2021-03-31	<a href="#">Edit</a>   <a href="#">Del</a>
2	Hall charges	A12345		2.5	2.5	5	2020-12-01	2021-01-21	<a href="#">Edit</a>   <a href="#">Del</a>
3	Invitation	TEST1		2.5	2.5	5	2023-01-01	2023-04-30	<a href="#">Edit</a>   <a href="#">Del</a>
4	Local Travel	test2		3	3	6	2023-01-02	2023-11-16	<a href="#">Edit</a>   <a href="#">Del</a>
5	Printing / Stationary	TEST3	1234A	2.5	2.5	5	2023-01-17	2023-02-18	<a href="#">Edit</a>   <a href="#">Del</a>

### Screenshot of TAX Code field under New GST

\* SAC/HSN Code :

\* TAX Code :

\* IGST :

\* Normal GST :

\* RCM :

\* GST Credit Availment :

\* Period :

### Screenshot of TAX Code field under edit GST

\* SAC/HSN Code :

\* TAX Code :

\* IGST :

\* Normal GST :

\* RCM :

\* GST Credit Availment :

\* Period :



### 3. Changes in Advance Processing Module

#### Brief description:

- >Adding state name drop down field under Advance Processing Listing.
- >Fetching all the state names from states table in the above drop down.
- >Validation for State Name field on click of save button when NOT selected.

#### screenshot

**Advance Request Search:**

Select Status: New Request Forwarded to Accounts Accepted by Accounts

Application From Date:  Application To Date:  Enter The Application No:  Pan Card Applicable: ☐

No file chosen

Color Flag : ■ => Self Claims

**Advance Processing List:**

Sr. No.	Unique Ref. No.	Event Date	Requestor Name	Division	Approved Amount	Participant Details	Status																				
1	I0000347/001282/Dec	20-12-2022	SANTOSH KUMAR SINHA	3C	10500	Participant details	Cheque dispatc																				
<table><thead><tr><th>Vendor Code</th><th>Self/Party</th><th>Location Code</th><th>Expense Type</th><th>Cost</th><th>Cheque No</th><th>Cheque Date</th><th>Cheque amount</th><th>Activity Code</th><th>State Name</th></tr></thead><tbody><tr><td>001282(SANTOSH KUMAR SINHA )</td><td>Self</td><td>102</td><td>Bouquet</td><td>10500</td><td>This field is required.</td><td></td><td>This field is required.</td><td>This field is required.</td><td>Select Statename This Field Is Required</td></tr></tbody></table>								Vendor Code	Self/Party	Location Code	Expense Type	Cost	Cheque No	Cheque Date	Cheque amount	Activity Code	State Name	001282(SANTOSH KUMAR SINHA )	Self	102	Bouquet	10500	This field is required.		This field is required.	This field is required.	Select Statename This Field Is Required
Vendor Code	Self/Party	Location Code	Expense Type	Cost	Cheque No	Cheque Date	Cheque amount	Activity Code	State Name																		
001282(SANTOSH KUMAR SINHA )	Self	102	Bouquet	10500	This field is required.		This field is required.	This field is required.	Select Statename This Field Is Required																		
2	I0000409/031614/Jan	12-01-2023	PAWAN KUMAR	3C	31000	Participant details	Cheque dispatc																				
<table><thead><tr><th>Vendor Code</th><th>Self/Party</th><th>Location Code</th><th>Expense Type</th><th>Cost</th><th>Cheque No</th><th>Cheque Date</th><th>Cheque amount</th><th>Activity Code</th><th>State Name</th></tr></thead><tbody><tr><td>031614(PAWAN KUMAR )</td><td>Self</td><td>102</td><td>Food</td><td>31000</td><td>This field is required.</td><td></td><td>This field is required.</td><td>This field is required.</td><td>Select Statename This Field Is Required</td></tr></tbody></table>								Vendor Code	Self/Party	Location Code	Expense Type	Cost	Cheque No	Cheque Date	Cheque amount	Activity Code	State Name	031614(PAWAN KUMAR )	Self	102	Food	31000	This field is required.		This field is required.	This field is required.	Select Statename This Field Is Required
Vendor Code	Self/Party	Location Code	Expense Type	Cost	Cheque No	Cheque Date	Cheque amount	Activity Code	State Name																		
031614(PAWAN KUMAR )	Self	102	Food	31000	This field is required.		This field is required.	This field is required.	Select Statename This Field Is Required																		
3	I0000419/031614/Jan	14-01-2023	PAWAN KUMAR	3C	1998	Participant details	Cheque dispatc																				
<table><thead><tr><th>Vendor Code</th><th>Self/Party</th><th>Location Code</th><th>Expense Type</th><th>Cost</th><th>Cheque No</th><th>Cheque Date</th><th>Cheque amount</th><th>Activity Code</th><th>State Name</th></tr></thead><tbody><tr><td>A778(ARCHIES LIMITED)</td><td>Party</td><td>102</td><td>Liquor,sponsring event</td><td>1998</td><td>This field is required.</td><td></td><td>This field is required.</td><td>This field is required.</td><td>Select Statename This Field Is Required</td></tr></tbody></table>								Vendor Code	Self/Party	Location Code	Expense Type	Cost	Cheque No	Cheque Date	Cheque amount	Activity Code	State Name	A778(ARCHIES LIMITED)	Party	102	Liquor,sponsring event	1998	This field is required.		This field is required.	This field is required.	Select Statename This Field Is Required
Vendor Code	Self/Party	Location Code	Expense Type	Cost	Cheque No	Cheque Date	Cheque amount	Activity Code	State Name																		
A778(ARCHIES LIMITED)	Party	102	Liquor,sponsring event	1998	This field is required.		This field is required.	This field is required.	Select Statename This Field Is Required																		

### 4. FAS Transaction Detail Report Module

To create Front-end for FAS Transaction Details Report with Search criteria .

#### Brief description:

- > FAS Transaction Details Report link should come under FAS Reports in standard reports.
- >Search criteria should have fields to date ,from date and type drop-down with create CSV and back button. (including validations for fields)
- >On click of 'Create CSV' button , should download appropriate CSV file report based on search type drop down.
- >Should navigate to Standard Reports On click on back button.
- >CSV file should be generated according to the sample format shared by client containing headers and data.

#### Screenshot

**FAS Summary Report**

**Search Criteria:**

\*From date:   \*To Date:

\*Type: FA Transaction Detail

## 5. Geo Tagging Summary Report

To create Geo tagging summary Report under Reports module .

### Brief description:

- >Add Geo tagging summary as one of the option in search drop down.
- >Search criteria should display division drop down as one of the field when Geo tagging summary option is selected from Search drop down.
- >On click of 'Generate' button , CSV file should download Geo tagging summary Report for selected division.
- >Should navigate to Home page On click on back button.
- >CSV file should be generated according to the sample format shared by client containing headers and data.

### Screenshot



## 6. Changes in Doctor Module

### Brief description:

- >Adding Category column under My Doctors Listing and fetching correct data for same

### Screenshot

Add New Doctor

Update Doctors

\*Listed Doctor Contacts are for the Financial Year 2010-11\*

\*My List Color Flag : ■=> ABM ■=> ■=>\*

\*Doctors Highlighted in Blue are Updated Doctors\*

\*Incase of any Addition or Frequency updation of Doctors, Kindly update your STP and get it approved by your superior\*

My Doctor Listing:

Showing 1 - 76 of 76

Sr No	Color Flag	Universal Code	SBU Code	Dr Code	First Name	Middle Name	Last Name	Category	Qualification	Speciality	Frequency	City	Area/Patch	Associated To	Edit   Delete
1		2108087	2653669		Anu	Garg	Yadav	A Plus	MD	DERMATOLOGIST	4 Visit	AGRA	SADAR MARKET AND TAJ GANJ	RISHI AGARWAL	Edit del
2		966274	923122		B	K	Girdhar	A	MD	DERMATOLOGIST	2 Visit	AGRA	SADAR MARKET AND TAJ GANJ	RISHI AGARWAL	
3		966270	923118		D	P	Singh	B	MD	DERMATOLOGIST	3 Visit	AGRA	SADAR MARKET AND TAJ GANJ	RISHI AGARWAL	Edit del
4		2033783	2382853		Harpreet	Singh	Pawar	A	MBBS	GENERAL PRACTITIONER	3 Visit	AGRA	SADAR MARKET AND TAJ GANJ	RISHI AGARWAL	
5		2007194	2208137		Karamvir	Singh	Yadav	A Plus	MD	DERMATOLOGIST	4 Visit	AGRA	SADAR MARKET AND TAJ GANJ	RISHI AGARWAL	Edit del
6		966273	1974668		M	L	Gupta	A Plus	MD	DERMATOLOGIST	3 Visit	AGRA	SADAR MARKET AND TAJ GANJ	RISHI AGARWAL	Edit del
7		2033831	2382854		Mamta		Arora	A	MBBS	GENERAL PRACTITIONER	3 Visit	AGRA	SADAR MARKET AND TAJ GANJ	RISHI AGARWAL	Edit del
8		2033904	2382855		Raj		Kamal	A	MD	COSMETOLOGIST	3 Visit	AGRA	SADAR MARKET AND TAJ GANJ	RISHI AGARWAL	Edit del
9		966296	923144		Vibhor	Kumar	Kaushal	A Plus	MD	DERMATOLOGIST	2 Visit	AGRA	SADAR MARKET AND TAJ GANJ	RISHI AGARWAL	Edit del
10		2018246	2242713		Aakansha		Mittal	A Plus	PG 1	PG 1	4 Visit	AGRA	S.N MEDICAL COLLEGE	RISHI AGARWAL	Edit del
11		2018261	2242714		Akanksha		Singh	A Plus	PG 1	PG 1	4 Visit	AGRA	S.N MEDICAL COLLEGE	RISHI AGARWAL	Edit del
12		2007018	2208134		Anu		Garg	A Plus	PG 2	PG 2	4 Visit	AGRA	S.N MEDICAL COLLEGE	RISHI AGARWAL	
13		2109123	2653671		Brinda		Kr	A Plus	PG 2	PG 2	5 Visit	AGRA	S.N MEDICAL COLLEGE	RISHI AGARWAL	Edit del
14		1611521	1426518		Dhruv		Sharma	B	MD	DERMATOLOGIST	3 Visit	AGRA	S.N MEDICAL COLLEGE	RISHI AGARWAL	Edit del
15		1952351	2029428		Harleen		Chhachhi	A Plus	MD	DERMATOLOGIST	4 Visit	AGRA	S.N MEDICAL COLLEGE	RISHI AGARWAL	Edit del
16		1995787	2222476		Isha		Yadav	A Plus	MD	DERMATOLOGIST	4 Visit	AGRA	S.N MEDICAL COLLEGE	RISHI AGARWAL	Edit del
17		2108085	2653667		Ishita	Raka	Pandit	A Plus	MD	DERMATOLOGIST	5 Visit	AGRA	S.N MEDICAL COLLEGE	RISHI AGARWAL	Edit del

## **Self-Study:**

- Testing Concepts
- Functionality Testing
- Types of functionality testing
- Mobile Testing
- Test-cases for testing Mobile Application
- Desktop Application Testing
- Web Application / Website Testing

## TOOLS & TECHNOLOGIES USED

### HTML



#### HTML 5

HTML5 is a markup language used for structuring and presenting content on the World Wide Web. It is the fifth and current version of the HTML standard. With HTML you can create your own Website.



#### CSS 3

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language. CSS is designed to enable the separation of presentation and content, including layout, colors and fonts.



#### MySQL

MySQL is the most popular Open Source Relational SQL Database Management System. It is one of the best RDBMS being used for developing various web-based software applications.

It works on many operating systems and with many languages including PHP, PERL, C, C++, JAVA etc.



JavaScript

#### JavaScript

JavaScript is the programming language of the Web. It makes web pages more interactive and dynamic. It is one of the core technologies of the World Wide Web, alongside HTML and CSS. It is a light-weight object-oriented programming language which is used by several websites for scripting the web-pages.



#### Ajax

Ajax is a set of web development techniques using many web technologies on the client side to create asynchronous web applications. With Ajax, web applications can send and retrieve data from a server asynchronously (in the background) without interfering with the display and behaviour of the existing page. Ajax allows web pages and, by extension, web applications, to change content dynamically without the need to reload the entire page.



#### Postman

Postman is an API platform for building and using APIs. Simplifies each step of the API lifecycle and streamlines collaboration so you can create better APIs—faster,



Navicat For MySQL

### Navicat For MySQL

Navicat for MySQL is the ideal solution for MySQL/MariaDB administration and development. It is a single application that allows you to connect to MySQL and MariaDB databases simultaneously.

Compatible with cloud databases like Amazon RDS, Amazon Aurora, Oracle Cloud, Google Cloud and Microsoft Azure.

This all-inclusive front-end provides an intuitive and powerful graphical interface for database management, development, and maintenance. Supports multiple database connections for local and remote databases.

Some features are: code snippet, visual query-builder, import and export and backup of data etc

### FileZilla



FileZilla is an FTP program for file uploading and downloading to and from your FTP site, server, or host. It is a free and open-source, cross-platform FTP application, consisting of FileZilla Client and FileZilla Server. Clients are available for Windows, Linux, and macOS. Both server and client support FTP and FTPS (FTP over SSL/TLS), while the client can in addition connect to SFTP servers.

Few features are:

- Transfer files using FTP and encrypted FTP such as FTPS (server and client) and SFTP.
- Supports resume which means the file transfer process can be paused and continued
- Drag and drop to download and upload.



### Android

Android is a mobile operating system based on a modified version of the Linux kernel and other open-source software, designed primarily for touchscreen mobile devices such as smartphones and tablets.

## INTERNSHIP TIMELINE

**From 2<sup>nd</sup> January – 31<sup>st</sup> January (Development)**

Date	Details of Task
2-1-2023	Introduction and SFA meeting .Read Mantis and web application manual
3-1-2023	Prepared Understanding document of for My accounts, Customer ,Tour-plan, DCR and Leave module. Installation of Filezilla, Navicat and VPN access.
4-1-2023	1)How to connect to Filezilla. 2)How to connect to db. 3)How and where to put mail for filezilla and db (formats shared) 4)Taking access to connections. 5)How to identify pages by action and module name. 6)How to download pages from filezilla. 7)How to upload pages in filezilla by taking backups . 8)How to take backup of db. 9)Task given --> to join two tables
5-1-2023	Getting familiar with navicat and Filezilla .Watched tutorials
6-1-2023	Meet with leader . 1)How to filter tables 2)Task to duplicate record in sql
7-1-2023	Understanding queries and Report creation
9-1-2023	Task given : <b>1)</b> To add field 'year' So division and year both should load and selection of year should be made mandatory and division should be made non mandatory and check in front end and report generate . <b>2)</b> Work on script changes
10-1-2023	Creating separate HTML file for 'review system dump report' similar to 'TE not received report.html' and linking them
11-1-2023	Creating separate php file for 'review system dump report ' similar to 'TE not received report'.php and linking to review system dump report
12-1-2023	Creating validations function for year and month dropdown in ReviewSystemDumpSystem . Create similar search filters for ReviewSystemDetailed Report
13-1-2023	Went through tutorials and web site
14-1-2023	Added search criteria having month and year drop down as mandatory selection for both the review reports (review dump and details reports). Went through tutorials
16-1-2023	Took DB and FTP access for IPCA . Went through TDS master and GST master (analysis of db and front end). -Added field tax code for new gst and validation for same. -Added field tax code for edit gst and validation for same.
17-1-2023	-Added column tax_code in table. --Save code part for tax_code in new gst (insert query) --Listing for tax_code. Have added tax code filed in gst master for new gst as well as edit gst . Also done with save part and listing with all necessary validations.
18-1-2023	Analysis of state table ,ib_state_master(this is used for location code ). Analysis of adv_req_processlisting.php and adv_req_processlisting.html Added state name field .



19-1-2023	Analysis of the required pages. Fetched data from the db into the state name dropdown.
20-1-2023	Analysis of save part page ie save_accountingpro.php . Added state name field in db table budget_adv_req_payment
23-1-2023	Completed save part ie inserting values (statename id )in db table budget_adv_req_payment
24-1-2023	Analysis of ajax file save_accountingpro.php & made changes to include statename data while csv file is uploaded. Analyzed vendorRegistration and budget_adv_req_payment for vendor id and vendor code Similar way state table for stateid and statename
25-1-2023	Added extra filed in dropdown ,analyzed validation ,save code part and csv upload along with necessary tables
27-1-2023	Validation for state dropdown and worked on csv upload part under advance request search .More 3 tasks given
28-1-2023	Completed csv upload under advance request search . Downloading csv reports based of serach type dropdown (ie working on Search criteria under fas report). →Analyzed table fas_report_name and files fasbdreportsearch.html ,fasbdsummaryreport.php. →worked on validation.
30-1-2023	Worked on fas summary report search criteria and report generation of fa_transaction_header under fas report search criteria.
31-1-2023	Report generation of fa_transaction_header under fas report search criteria.Analysis on db tables fas_report_name ,users,vendor_registration

## From 1<sup>st</sup> February – 28<sup>th</sup> February

1-2-2023	Report generation of fa_transaction_header under fas report search criteria.
2-2-2023	Meet with team lead to explain task about replication of project folders ie. Name_API_demo/apime to Name_API_demo/apicis and writing mail for same -> ie code replicate (CD_R ) to system admin.
3-2-2023	→Access taken for ftp Name_API_demo (by sending mail) →Send CD_R mail →Connected to ftp (filezilla) →Under config → coreme.php duplicate /replicate to corecis.php And call apicis folder in the home url →Under config → database create a class for cis (for each instances we have classes ) → Make changes to all 4 api pages and syncDcr.php to call the class pointing to cis (calling class created in db page in all the api's) →downloaded postman
4-2-2023	→To Convert 4 api ie (get_calander_master_api.php ,get_pharma_client_master_api.php,get_other_master_api.php and get_employee_master_api.php) to fetch user wise and all users data →For the entire division. → For a Particular User:
6-2-2023	→ Taken access to FTP and DB →Analysed tables masterdumps_config and masterdumps_field. →Built search criteria for geo tagging summary with division as search criteria (similar to geo tagging dump). →Made few changes in geoReport_summary.php
7-2-2023	Analyzed tables users,patches,division,geo_customer_tag_master. Retrieved 1st 5 columns in geoReport_summary.php
8-2-2023	Prepared SRS for module control
9-2-2023	Rectified SRS for module control and module control exception . Created queries to build 3 tables required. Worked & analyzed pages on search criteria for module control exception
10-2-2023	Inserted values in module_master table .worked with module control exception search and listing
13-2-2023	Worked on module_control_exception
14-2-2023	Worked on module_control dropdown (dynamic) search
15-2-2023	Worked on module_control dropdown(static) ,search,listing
16-2-2023	Worked on module_control listing->calender selection ,checkbox ,update records
17-2-2023	Worked on module_control update records
18-2-2023	Worked on module_control update records
20-2-2023	Added column category under doctors along with fetching of records . Created migration document
21-2-2023	In module control remove search button ,and listing to appeared on selection of dropdown option.

<b>Testing</b>	
22-2-2023	To check test cases from the share sheet. Went through customers module .Wrote test scenarios for whats-app
23-2-2023	Updated test scenario document for Whats-app . Went through new patch,doctors ,chemist ,stockist functionality
24-2-2023	→Traced on website area patch ,doctors ,doctor approval ,chemist ,chemist approval ,stockist (filling) →Read document customers part →doctor approval ,chemist ,chemist approval ,stockist →Went through SOP documents from training folder →checked test cases for login and home.
27-2-2023	→went through test cases for my ac →area patch,town adoption ,holiday list ,change password,user info →went through test cases for customers → doctors,chemist ,stockist
28-2-2023	Wrote test cases and tested for module control

## From 1<sup>st</sup> March – 31<sup>st</sup> March

01-03-2023	Wrote more test cases for module control (for MR,Manager)
02-03-2023	Wrote test cases and tested for module control exception
03-03-2023	wrote test cases and tested for Ex India - OPSC Module part 1--> new distributor upload
04-03-2023	wrote test case and tested for Ex India - OPSC Module part 2--> new product upload .
06-03-2023	wrote test case and tested for Ex India - OPSC Module part 5--> primary master upload .
08-03-2023	Tested few test cases left for primary master upload . Wrote missed out test cases for new product upload ,new distributor upload ,primary master upload
09-03-2023	Explained about one of their android app (login,DCR etc modules ). Downloaded application on mobile .Went through test cases
10-03-2023	Went through basic module document (MTP,STP along with their approval). Explained about one website's tour plan module ie. STP(standard tour plan),MTP(monthly tour plan),Standard Route Chart. Filled MTP for month of march
11-03-2023	Checked/filled how customer module ,MTP,coverage works on android app (practiced). Went through AIPL basic module document--> DCR module Explained about DCR module. (filling ,listing) . Downloaded new version of one android app Filled DCR on android app for month of Dec 2022
13-03-2023	Watched you-tube videos about writing test cases. Filled DCR and checked DCR deletion front end on web Explained about MTP,STP,DCR in brief and how this modules are inter related. Went through few test cases for tour plan STP
14-03-2023	went through test cases for STP,MTP,DCR
15-03-2023	Went through test cases for DCR -->which were remaining (in 1st half). Google surf and took basic idea about functional testing
16-03-2023	Google surf and explored types of functional testing ,tools of functional testing ,purpose of functional testing, difference between functional testing vs non functional testing. Took basic idea about web application's functional testing
17-03-2023	Google surf about test scenarios for text field ,drop down ,password filed ,radio button,check boxes ; Took basic idea of about desktop application testing ,difference between desktop and we application,how we test desktop application
18-03-2023	Goggle surf about mobile application its types,difference,test scenarios etc Wrote basic test cases and tested for search criteria for efforts report module
20-03-2023	Tested and wrote more test cases for efforts report module-->generation part onwards Downloaded product wise POB reports for sales admin →role : ABM ,RBM ,TSO ,NSM along with each of this role's individual user report

21-03-2023	Tested generation part and added more testcases for product wise pob report .Also added few testcases in efforts report. Send mail for above 2 tested sheets
22-03-2023	Verification of few testing part as informed by developer in efforts report ,productwise pob report Went through you-tube videos
23-03-2023	wrote test cases and tested for efforts trend report
24-03-2023	wrote test cases and tested for POB TREND REPORT
27-03-2023	wrote test cases and tested for PRODUCTWISE POB TREND REPORT
28-03-2023	testing for as per tour plan --> DCR for JointWork and Independent Work_Web application_
29-03-2023	Tested the left over test cases for above task -->as per tour plan and send testing mail to developer .Watched QA related videos and referred tutorials
30-03-2023	Explained about the task DCR & Expense Reminder Auto mailer (Web Application) Wrote test cases for DCR reminder and few for expense reminder
31-03-2023	Wrote test cases for expense reminder -->DCR & Expense Reminder Auto mailer(Web Application)

## From 1<sup>st</sup> April – 30<sup>th</sup> April

01-04-2023	Testing for DCR and expense reminder BE user --> Testing Task: Testing-->DCR & Expense Reminder Auto mailer
03-04-2023	testing for DCR and expense reminder <b>Manager</b> user --> Testing Task: Testing-->DCR & Expense Reminder Auto mailer
04-04-2023	wrote testcases for -->Automation of Confirmation Process.xlsx Explanation call for same
05-04-2023	wrote more testcases for --> Automation of Confirmation Process.xlsx Discussion calls . Testing Done for DSM,ZSM mail check --> without approval of FSO
06-04-2023	wrote more testcases for -->Testing_Task:Automation of Confirmation Process.xlsx Discussion calls . Testing Done for NSM ,confirmed and approved user mail check --> without approval + front end confirmation of user
07-04-2023	Tested and wrote test cases for front end NSM,HR admin,db, → testing completed --> Testing_Task: Automation of Confirmation Process.xlsx
10-04-2023	Tested for ABM user till 1st level -->Testing_Task:Dcr Delete Feature
11-04-2023	Tested for ABM user 2nd level and vacant cases -->Testing_Task :Dcr Delete Feature
12-04-2023	wrote test cases and tested for -->Testing_Task: Testing Security changes.Meet calls
13-04-2023	wrote test cases and tested for -->Testing_Task: Testing Security changes
14-04-2023	rectified few security test cases and tested for -->Testing_Task: Testing Security changes
15-04-2023	Retesting for FSO user on android app(phase 2) -->Testing_Task: Urgent_3 Days locking period for ZSM/SM
17-04-2023	phase 2 testing for FSO user on android app-->territory cases Testing_Task: Urgent_3 Days locking period for ZSM/SM phase 2 testing for SM user on android app-> explained about SM in second half and started testing for same
18-04-2023	completed phase 2 testing for SM/ZSM user on android app--> territory cases Testing_Task: Urgent_3 Days locking period for ZSM/SM Explained about web testing for same for FSO ,SM/ZSM
19-04-2023	completed phase 2 testing for FSO user on web-->territory cases testing_Task:Urgent_3 Days locking period for ZSM/SM
20-04-2023	completed phase 2 testing for Sr ZSM user on web-->territory cases Testing_Task: Urgent_3 Days locking period for ZSM/SM
21-04-2023	completed phase 2 testing for ZSM user on web-->territory cases Testing_Task: Urgent_3 Days locking period for ZSM/SM Completed Android app testing (login functionality )--> Testing_Task:App Test-->Failed login -- Android
27-04-2023	Explanation call for the same task in 1st half wrote testcases and tested till point no.4 from SRS --> Testing_Task:ORGANOGRAM Changes
28-04-2023	wrote testcases and tested for point no.5 from SRS --> Testing_Task:ORGANOGRAM Changes Rectified test cases and added few more test cases Done smoke testing for same task
29-04-2023	Added more testcases --> Testing_Task:ORGANOGRAM Changes . Sent task completion mail for same . Phase 2 App testing for one user --> [Retesting_Task:App Retest][High priority: Issues in new version][Android]



## From 01<sup>st</sup> May – 31<sup>st</sup> May

2-5-2023	Phase 2 App testing for another user --> Retesting_Task:App[Retest High priority: Issues in new version][Android] New task explanation meet call with developer -->Testing_Task: Testing][Policy form in ARF module in Ex India][Web application
3-5-2023	attended meet call for discussion with team members Wrote test cases for form no. 17 ie support to HCP (policy part )-[Testing_Task: Testing][Policy form in ARF module in Ex India
4-5-2023	Testing for policy tab form ->[Testing_Task: Testing][Policy form in ARF module in Ex India Added and tested test cases for additional info tab , ARF tab forms for form no. 17 ie support to HCP
5-5-2023	wrote test cases and tested for -->[Testing_Task: Macleods changes in Hospital Module - modification]
6-5-2023	wrote testcases (approval of higher up,edit/del,submission,proceed part)and tested for -->Testing_Task: Macleods changes in Hospital Module - modification
8-5-2023	send testing completion mail for --> Testing_Task: Macleods changes in Hospital Module - modification Testing for new task-->[Testing_Task:FAMILY DETAILS
9-5-2023	2 Explanation calls also wrote few test cases for -->[Testing_Task: Daily RCPA to be developed under DCR Testing of report part also added few test cases-->Testing for new task-->[Testing_Task:FAMILY DETAILS
10-5-2023	wrote test cases and tested for -->[Testing_Task: Daily RCPA to be developed under DCR Testing of report part and send testing completion mail-->Testing for new task-->[Testing_Task:FAMILY DETAILS
11-5-2023	wrote more test cases and tested for (add/delete brands )-->[Testing_Task: Daily RCPA to be developed under DCR ] Completed testing all
12-5-2023	Review call and rectified and wrote few test cases and tested for -->[Testing_Task: Daily RCPA to be developed under DCR Sent testing Completion mail to developer
13-5-2023	Read some testing concepts and made document for same Meet call with testing team for SFC (STD.fare chart ) KT for 45mins Meet call with testing team and development team on expense task --> for 90mins
15-5-2023	Testing of EMPOWER-DASHBOARD --> trend tab -->for TM user Testing_Task: [EMPOWER-DASHBOARD
16-5-2023	Testing of EMPOWER-DASHBOARD --> trend tab -->for RM,sales admin user Testing_Task: [EMPOWER-DASHBOARD
17-5-2023	testing and wrote test cases for --> Testing Task: NHD ZCOG Changes
18-5-2023	Worked on report Explained about inventory module and assigned task --> Testing Task: Set-up integration on Input
19-5-2023	Explanation call by developer on -->Testing Task:Set-up integration on Input Wrote test cases and tested above task . Also took FTP access

20-5-2023	Wrote test cases and tested -->Testing Task:Set-up integration on Input
22-5-2023	Testing and wrote few more test cases-->Testing Task:Set-up integration on Input
23-5-2023	Tested and rectified few test cases FTP upload part completed -validation checks -->Testing Task:Set-up integration on Input
24-5-2023	Testing completed -->Testing Task:Set-up integration on Input
25-5-2023	Wrote test cases and testing of search criteria and listing -->Testing Task: Stockist Creation
26-5-2023	wrote test cases and testing on creation of stockist -->Testing Task: Stockist Creation
29-5-2023	wrote test cases and testing on creation of stockist (completed basic tab form)-->Testing Task: Stockist Creation
30-5-2023	wrote test cases and testing on creation of stockist (completed other info and attachments tab form)-->Testing Task: Stockist Creation
31-5-2023	wrote test cases and testing on creation of stockist --> approval part (completed)-->Testing Task: Stockist Creation

## From 1<sup>ST</sup> June – 3<sup>RD</sup> June

01-06-2023	
02-06-2023	Report
03-06-2023	

## **OVERALL EXPERIENCE AT AIPL**

My Internship Period of Six months have been amazing which taught me a lot about Information Technology industry. Last five months in this Company has been truly an amazing and great experience to work in such a well maintained, disciplined and reputed workspace. This was my step into Corporate Life. It was a completely new environment where I first encountered the transaction between student life and industry life with new roles and responsibilities. Initially it was hard in adapting to a very new place but slowly I got settled very well. The work environment is so casual & friendly that it feels so comfortable. I'm very much thankful to my mentor and team lead who have helped me with many technology related doubts as well as industrial doubts.

I was always curious about how the actual project development takes place which I got to experience here. Also learnt that learning and keeping ourselves up-to-date with new technologies is as important as working on any technology. As my internship draws to a close and I reflect back on all I have learned, I realize what an excellent experience this has been. I gathered much knowledge in the classroom, but a hands-on approach has been invaluable. It has served as a beneficial ending to my formal education.

In my opinion, the best way to learn is by doing. I am truly grateful for this opportunity. I know this will help when looking for jobs and needing references. We all know that practical experience is the best, and internships give students that hands-on experience they need. I feel that quality internships are essential to develop key skills that you can't get in a classroom. Skills such as multitasking, task management, communicating, learning to deal with diversity, and dealing with deadlines are different when you are working for someone else. It is amazing to see how people from different regions stay as one family and work together.

Appreciation is what it takes for keeping us motivated and I was constantly being appreciated for completing the task which was assigned to me.

The biggest skill that was enhanced during the internship was the ability to adapt and learn. This internship has given me insights into the software world and how things actually work in the industry. The internship has been very technical and has improved my technical knowledge tremendously. I got a chance to communicate with professionals who motivated me to achieve a better understanding and knowledge of the domain, technology as well as industry related environment. To conclude, this internship has inspired me to pursue a career in the field of software development technology and to excel in it. It was a great learning experience and I consider myself honored for being a part of Anant Infomedia Pvt. Ltd.

# **TERMINOLOGIES**

DCR: Daily Call Reporting.

MTP: Monthly Tour Plan.

NSM: National Sales Manager.

RM: Regional Manager.

ZM: Zonal Manager.

BM: Business Manager.

BE: Business Executive.

MR: Medical Representative.

ZSM: Zonal Sales Manager.

NHD: National Healthcare Distributor

AM:Area Manager

## REFERENCES

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