



ANANT INFOMEDIA PVT LTD

INTERNSHIP REPORT

Smita Satish Malik

2035

Anant Infomedia Pvt. Ltd.

Goa University

REPORT OF INTERNSHIP DONE AT ANANT INFOMEDIA PVT. LTD.

Completed by

Smita Malik

2035

for the partial fulfilment of

MCA Degree for Semester VI

Discipline of Computer Science and Technology,

Goa Business School,

Goa University

At

Anant Infomedia Pvt. Ltd.

Minum Residency, F-3, 4th, 18th June Rd, Above HDFC Bank, Panaji, Goa 403001

Under the guidance of

Ulita Barretto

(Project Lead, Anant Infomedia Pvt. Ltd.)

INTERNSHIP CERTIFICATE

ANANT

ANANT INFOMEDIA PVT. LTD.

CERTIFICATE OF INTERNSHIP

We present this certificate to

Miss. Smita Satish Malik

In appreciation for your work done as an intern from

02nd January 2023 to 3rd June 2023

Thaisen

Thaisen Khan

Sr. Manager Admin & Accounts

Kiran Kulkarni

Director Operations



www.anant.co.in

ANANT INFOMEDIA PVT. LTD.

TO WHOM IT MAY CONCERN

This is to certify that Miss. Smita Satish Malik, D/O- Mr. Satish Malik, a student of MCA (Master in Computer Application – Sixth semester), Goa University, Taleigao Plateau Goa 403 206 having PR no: 201703387 has successfully completed long internship programmed at this Company from 02nd January 2023 to 03rd 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.

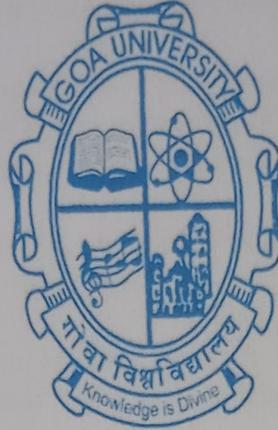
We wish her every success in life and this certificate is issued at her own request.

For, Anant Infomedia Private Limited.



Authorized Signature

GOA UNIVERSITY



GOA BUSINESS SCHOOL

CERTIFICATE OF EVALUATION

This is to certify that **Ms. Smita Malik** has successfully completed her internship at **Anant Infomedia Private Limited, Panjim Goa**, in partial fulfilment of the award of the degree in Master of Computer Application.

Examiner 1

Examiner 2

Place: Goa University

Date: 15/06/2023

Dean, Goa Business School

Acknowledgement

It's great to get an opportunity to work as an intern in a company as you get industry exposure and to put all the knowledge you have into practical work.

I would like to thank the Goa Business School, Goa University, for giving me the opportunity to carry out an internship and acquire real-world industrial experience.

A special thanks to the teaching and non-teaching staff of the Goa Business School.

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 for giving me the opportunity to work as an intern at Anant Infomedia Private Limited.

I sincerely express gratitude to Mrs. Ulita Barretto, Project Lead, AIPL 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 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 teammates who have helped me during this internship but the absence of their names does not show the absence of my gratitude for their support.



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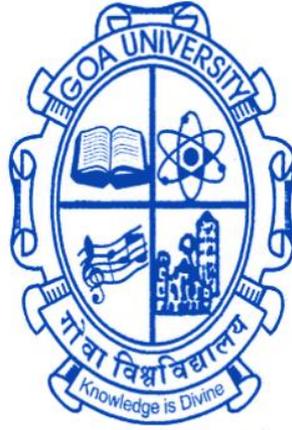
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For, Anant Infomedia Private Limited.

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

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GOA BUSINESS SCHOOL

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Table of Contents

Sr. No.	Topic	Page no.
1	Introduction	9
2	Company Profile	10-13
3	Work at Anant Infomedia Pvt. Ltd.	14-49
4	Software/Tools & Technologies	50-53
5	Internship Timeline	54-60
6	Overall experience at AIPL	61
7	Terminologies	62
8	References	63

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 report includes a short description of my full-time internship at Anant Infomedia Private Limited.

I joined as an intern in AIPL on 2nd January 2023. This report contains all the necessary information about the company, the project I have worked on, the training I have received, and some other tasks that I completed in this internship period.

In the following sections I shall include a brief description about the company, the work over here, the technologies studied and tools used during the internship, and also other mini-tasks I have done during the internship followed by my internship timeline. Finally, my experience with the company during the internship.

This report emphasises my learning experience and contribution to the organisation as an intern. This will describe the knowledge that I gained by successfully completing the tasks that were assigned to me.

Company Profile

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

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 10 years Anant Infomedia Pvt. Ltd specialises 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 specialises 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, optimise their sales efforts and increase their bottom lines.

Key features of RepForce are as follows:-

- **Master Profile:** Manage master ails 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 customised 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.
- **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 programmes, assign employees, manage exams 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- Div, Zones, HQ, Territories, Areas, Patches
- Sales Force Reporting – Tour Plans, DCR's, Expenses, Leaves, Sales Data
- Sales Force Communications- I mails, Circulars, SMS's
- Sales Force Learnings - Faqs, Medical Dictionary, E-learning
- Sales Force Dashboards – Standard Reports, Report Generators, Analytics
- Product Management – Samples, Promos, Scientific Literatures
- Targets Management – User wise, Product Group Wise, Territory wise
- User Management – Access Rights, Vacancies, Organograms, Hierarchy

WORK AT ANANT INFOMEDIA PVT LTD

Task 1 - Product Master Upload Frontend feature

Module:Settings

Overview:

This allows the admin to upload a CSV file containing product details and to generate an error log file and download it based on validations done. The user will upload product details and the same shall be processed. The error log file will display error msg such as whether the product exists or doesn't exist, if there are any fields which are missing.

Access Route:

Login - > Settings - > Product Master Upload

Technical Functionality

Primary Actor: admin user.

Precondition: Admin has to have valid login credentials and has to be logged in to the system.

Product Upload

- This module is applicable only in an online mode in the web application.
- There will be following options available for the admin:
 - a. Choose File : To browse the file in the system to be uploaded.
 - b. Attach File: To attach the file which has been chosen.
 - c. Download Master: Button to download the existing data.
 - d. Cancel: To navigate back to the Settings page.
 - e. Product master upload Sample File Link: It will generate a sample file which will tell the mandatory columns and the format of file which should be uploaded.
- The file which will be uploaded should be a csv file with fields such as divisionname, brandname, brandcode, productname, productcode, productcategory, price, updatetype where all the fields other than brandcode will be non-mandatory.

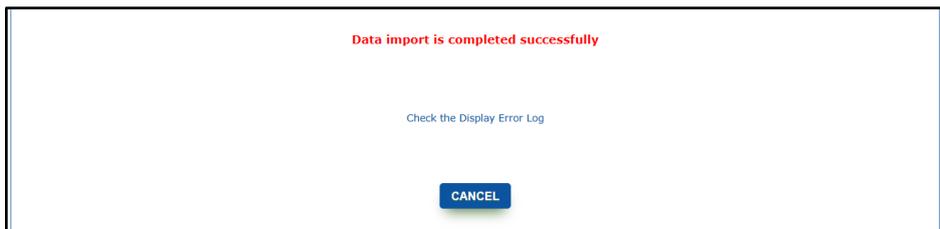
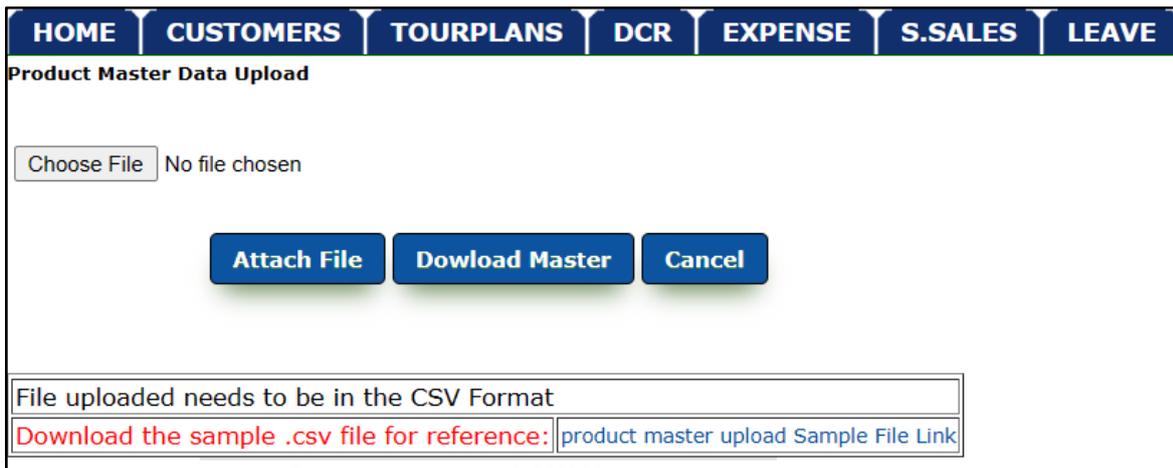
- The attached file should be a csv file, if not a csv file, then when clicked on the attached file a message will be displayed 'File Attachment Process Failed, only .CSV file can be uploaded'.
- The attached file should have all the mandatory fields.
- If the attached file is empty or if there are no data fields in it then when clicked on 'Attach File' a message will be displayed 'Data Could not be updated due to Special Characters in the .csv uploaded'
- If the attached file is uploaded in proper format then, a message should be displayed 'Data Import Process Successfully Completed'.
- If the attached file is having missing data fields, an alert message will be displayed "Data import is completed successfully" with additional "Check the Display Error Log" link.
- When clicked on "Check the Display Error Log" the list of error_msg having errors for eg. If the productname is missing then the error_msg will be 'productname not specified' will get displayed in a table along with all the fields and missing fields error and also whether the product exists in the master or the product does not exist in the master.
- ErrorReport.csv file gets downloaded when clicked on the download button present in the same page which appears when clicked on "Check the Display Error Log" link.
- The csv file should get downloaded having all the fields and missing fields error_msg and also whether the product exists in the master or the product does not exist in the master with timestamp when clicked on the button.

Validations:

- If any data field is missing then it will be displayed in the Error Message column "____ not specified".
For eg. If the brandname of a particular record is not specified then it will display a message in Error Message column "brandname not specified"
- When the product already exists in the master and updatetype=UPDATE then the product should get updated successfully.
- When the product does not exist in the master and updatetype=UPDATE then it should throw an error.
- When the product which exists in the product master and updatetype=ADD then it should throw an error_msg product exists in the master.

- When the product does not exist in the product master and updatetype=ADD then the product should be added successfully .
- When the product exists in the master and updatetype=DELETE then the product should get deleted successfully.
- When the product does not exist in the master and updatetype=DELETE then it should throw an error.

Screenshots:



Error Log Listing

Search Criteria:

From Date: To Date:

Generate Download Back

From Date: 2023-01-23 To Date: 2023-01-23

Showing 1 - 9 of 9

Sr.no	Division Name	Brand Name	Brand Code	Product Name	Product Code	Product Category	Price	Update Type	Error Message	Timestamp
1	Gastrova	DIOVOL	DIOVOL	DIOVOL CHEWABLE TABLET 12'S SALE	4000000004	R	10.93	ADD	product exists	2023-01-23 10:57:03
2	Gastrova	DIOVOL	DIOVOL	DIOVOL CODL BLUE 170ML	4000000005	R	61.07	UPDATE	product does not exist in the master	2023-01-23 10:57:03
3	Gastrova	DIOVOL	DIOVOL	DIOVOL (MANGO) 170ML SALE	4000000009	R	73.29	ADD	product exists	2023-01-23 10:57:03
4	Gastrova	COLIMEX MF	COLIMEX MF	Colimex MF Tab 10's Sales	4300000117	R	27.45	ADD	product exists	2023-01-23 10:57:03
5	Gastrova		RABZER	Rabzer DSR Capsules 15's Sales	4300000574	Sales	141.43	ADD	brand name not specified	2023-01-23 10:57:03
6	Gastrova	ZANPAN	ZANPAN	Zanpan GR Tab 15's Sales	4300000583	R	88.71	ADD	product exists	2023-01-23 10:57:03
7	Gastrova	RABZER	RABZER	RABZER GR TABLETS 15,S SALES	4300000817	R	106.07	ADD	product exists	2023-01-23 10:57:03
8	Gastrova	ZANPAN	ZANPAN	ZANPAN L CAPSULES 10'S SALES	4300000858	R	97.89	ADD	product exists	2023-01-23 10:57:03
9	Gastrova	ZANPAN	ZANPAN	ZANPAN GR TABLETS 15,S SALES	4300000862	R	97.08	ADD	product exists	2023-01-23 10:57:03

17

A	B	C	D	E	F	G	H	I	J	K	L
Sr.no	Division Name	Brand Name	Brand Code	Product Name	Product Code	Product Category	Price	Update Type	Error Message	Timestamp	
1	Gastrova	DIOVOL	DIOVOL	DIOVOL (A) 4E+09 R	4E+09 R	R	10.93	ADD	product exists in the master	25-01-2023 14:52	
2	Gastrova	DIOVOL	DIOVOL	DIOVOL (B) 4E+09 R	4E+09 R	R	66.89	DELETE	product does not exist in the master	25-01-2023 14:52	
3	Gastrova	DIOVOL	DIOVOL	DIOVOL (N) 4E+09 R	4E+09 R	R	73.29	ADD	product exists in the master	25-01-2023 14:52	
4	Gastrova	LAXIWAL	LAXIWAL	LAXIWAL 2 4E+09 R	4E+09 R	R	49.44	ADD	product exists in the master	25-01-2023 14:52	
5	Pharma	COLIMEX	COLIMEX	COLIMEX I 4E+09 R	4E+09 R	R	52.07	ADD	product exists in the master	25-01-2023 14:52	
6	Gastrova	COLIMEX I	COLIMEX I	Colimex M 4.3E+09 R	4.3E+09 R	R	27.45	ADD	product exists in the master	25-01-2023 14:52	
7	Gastrova		RABZER	Rabzer DSI 4.3E+09 Sales	4.3E+09 R	Sales	141.43	ADD	brand name not specified	25-01-2023 14:52	
8	Gastrova	ZANPAN	ZANPAN	Zanpan GR 4.3E+09 R	4.3E+09 R	R	88.71	ADD	product exists in the master	25-01-2023 14:52	
9	Gastrova	RABZER	RABZER	RABZER GI 4.3E+09 R	4.3E+09 R	R	106.07	ADD	product exists in the master	25-01-2023 14:52	
10	Gastrova	ZANPAN	ZANPAN	ZANPAN L 4.3E+09 R	4.3E+09 R	R	97.89	ADD	product exists in the master	25-01-2023 14:52	
11	Gastrova	ZANPAN	ZANPAN	ZANPAN G 4.3E+09 R	4.3E+09 R	R	97.08	ADD	product exists in the master	25-01-2023 14:52	

Task 2: Changes in DCR Detailed View

Module : DCRS

Overview:

The user has to select a DCR listing under DCR. Listing of already submitted DCRs will be displayed in the DCR listing.

To get the detailed view of the same he has to click on the date and it will give him the detailed view of the DCR filled.

In case of saved DCR, the user will get the edit/ del option.

To file a new DCR the user has to click on 'File DCR' and a calendar will open where the user has to select the date for which he wants to file DCR.

The user can also search for a particular submitted DCR by clicking on the filter icon present at top right corner on DCR listing page.

The changes include displaying the following in the submitted dcr for doctors:

- MDL No.
- Category
- Campaign name
- Displaying MR territory name

A field work day summary for that particular date which has been selected includes 3 tables Doctors Met, Chemist Met and Stockist Met.

The Doctor Met table consists of following columns with its data in it :SrNo ,Contact Name, Contact Type, Specialty, Visited With, Duration, Detailing, Sampling, POB, Promo/Input, Call Type with its Patch Area specified below.

The Chemist Met table consists of the following columns with its data in it: SrNo ,Contact Name, Visited With, Duration, Availability, POB, Promo/Gift, Call Type with its Patch Area specified below

The Stockist Met table consists of the following columns with its data in it.: Sr No, Contact Name, Visited With, Duration, Order Value, Call Type with its Patch Area specified below

Access Route:

Login-> DCR-> dcr listing->select a particular date of submitted dcr-> a field work day summary for that particular date which has been selected gets displayed.

- The actual MDL No. should be displayed instead of just displaying the MDL No. label in Doctors Met table in the Contact name column below the name of the doctor.

- The Category label with the category of the doctor should be displayed (i.e. whether the category is SUPER CORE, CORE or IMP) in the Doctors Met table below the MDL No.
- The Campaign label with the name of the campaigns in Doctors Met table in the Contact Name label below the Category should be displayed only to the doctors who have been assigned the campaign. The campaign label should not appear for the doctors who have not been assigned to any campaign.
- The MR territory name to which the manager had reported a specific day's dcr should be displayed for Doctors Met, Chemist Met, Stockist Met.

Screenshots:

Doctors Met:												
SrNo	Contact Name	Contact Type	Specialty	Visited With	Duration	Detailing		Sampling POB Promo/Input			Call Type	
DHULAGRAH JALALSHI [DHULAGRAH JALALSHI WEST BENGAL.]												
1	MDL No. 35 Category: CORE	Doctor	GP	INDEPENDENT	Afternoon	1. DIOVOL	PD	Not Given	Not Done	Not Given	0	REGULAR CALL
2	MDL No. 46 Category: CORE Campaign: CORPORATE DOCTOR 2022-2023	Doctor	GP	INDEPENDENT	Morning	1. DIOVOL	PD	Not Given	Not Done	Not Given	0	REGULAR CALL CAMPAIGN CALL
3	MDL No. 42 Category: CORE	Doctor	GP	INDEPENDENT	Afternoon	1. DIOVOL	PD	Not Given	Not Done	Not Given	0	REGULAR CALL
4	MDL No. 43 Category: CORE	Doctor	GP	INDEPENDENT	Morning	1. DIOVOL	PD	Not Given	Not Done	Not Given	0	REGULAR CALL
5	MDL No. 38 Category: CORE	Doctor	GP	INDEPENDENT	Afternoon	1. DIOVOL	PD	Not Given	Not Done	Not Given	0	REGULAR CALL
6	MDL No. 59	Doctor	GP	INDEPENDENT	Afternoon	1. DIOVOL	PD	Not Given	Not Done	Not Given	0	REGULAR CALL

Doctors Met:													
SrNo	Contact Name	Contact Type	Specialty	Visited With	Duration	Detailing		Sampling	POB	Promo/Input	Call Type		
STATION ROAD [NAGPUR MAHARASHTRA] test be 2													
1	MDL No. 38 Category: SUPER CORE	Doctor	GP	OTHERS : SELF	Morning	1. DIOVOL Select Detailing Type		DIOVOL (MINT FLAVOUR) SUSP 170ML DIOVOL (MANGO) 170ML SALE DIOVOL (MINT FLAV) 400ML SALE DIOVOL (MINT FLAV) 400ML COOL BLUE 170ML Diovol Tab Blister 20's Sales	COLIMEX MF TAB 10'S 1 SALES DIOVOL (BUBBLE GUM) 170ML 3 DIOVOL (MANGO) 170ML SALE 4 DIOVOL (MINT FLAV) 400ML SALE 5	Not Given	0	CALL NOTES CAMPAIGN CALL INTRODUCTORY CALL NEW PRODUCT LAUNCH REGULAR CALL SURVEY CALL	
2	MDL No. 110 Category: SUPER CORE	Doctor	GP	OTHERS : Ok	Morning	1. DIOVOL Select Detailing Type 2. ENZIGEST Select Detailing Type 3. EUGI Select Detailing Type		Not Given	Not Done	0	Not Given	0	CAMPAIGN CALL

2	MDL No. 110 Category: SUPER CORE	Doctor	GP	OTHERS : Ok	Morning	1. DIOVOL Select Detailing Type 2. ENZIGEST Select Detailing Type 3. EUGI Select Detailing Type		Not Given	Not Done	0	Not Given	0	CAMPAIGN CALL
---	-------------------------------------	--------	----	-------------	---------	---	--	-----------	----------	---	-----------	---	---------------

Chemist Met:												
SrNo	Contact Name	Visited With		Duration	Availability	FOB		Promo/Gift	Call Type			
BITHAN [BITHAN BIHAR] test be 2												
1	GP	OTHERS : HARBHANGI SHARMA (MR) OTHERS : HARBHANGI SHARMA (MR)		Afternoon	1. DIOVOL (BUBBLE GUM) 170ML SALE 2. DIOVOL (MINT FLAV) 400ML SALE	DIOVOL (MINT FLAVOUR) SUSP 170ML DIOVOL (MANGO) 170ML SALE		1	Not Given	0	0	REGULAR CALL RCPA
2	SHREYAS PRASAD TRIPATHI	OTHERS : HARBHANGI SHARMA (MR) OTHERS : HARBHANGI SHARMA (MR)		Afternoon	3. DIOVOL (BUBBLE GUM) 170ML SALE 4. DIOVOL (MANGO) 170ML SALE 5. DIOVOL (MINT FLAV) 400ML SALE 6. EMESAFE ORAL SPRAY 15ML (SALE)	COLIMEX MF TAB 10'S SALES		1	Not Given	0	0	REGULAR CALL RCPA

Stockist Met:											
SrNo	Contact Name	Visited With		Duration	Order Value	Call Type					
1ST FRIDAY [NASHIK MAHARASHTRA] test be 2											
1	SHREYAS PRASAD TRIPATHI	OTHERS : HARBHANGI SHARMA (MR) OTHERS : HARBHANGI SHARMA (MR)		Afternoon	6895	STOCK VERIFICATION					

Remarks:

Task 3: DCR Mass unblocking feature allows unblocking multiple users

Module: Users , Settings

Overview:

Division admin will be able to select multiple roles /users and unblock the blocked DCR's to allow the users to file his DCR's.

This feature allows unlocking for multiple users all the locked dates in the territory for a year.

Access Route:

Login(salesadmin) ->Settings->Mass unblocking of blocked DCRs

- The Salesadmin/admin will have the feature for Unlocking the DCR locked.
- An interface will be available to the admin to unblock a blocked day.

The following search criteria are available to the user:

Division:

- Division gives a list of all the divisions available to the user.
- For Salesadmin user, the Division drop-down lists all the divisions and the user is allowed to select a division from the list.
- Division will be a mandatory field.
- The division drop down is single select.

Profile:

- It will be a drop down with all Profiles.
- Profile will be a single select option.
- Profile is a mandatory field.

Role:

- The roles are populated based on the selected profile applicable for the selected division.
- Role drop down provides a multi select option.
- The user can select single or multiple roles from the available options as per his choice.
- Role is a mandatory field.

Username:

- This drop down populates data with all the applicable users who belong to the selected Division and the selected role.
- This list will only contain Active users (vacant territories will not be shown).
- The Usernames in this drop down list will be displayed in “Territory name (Username)” format.
- This drop down facilitates multi select of user names.
- This is a mandatory field

Year:

- This drop down displays previous year, and current year.
- To search by year, click on the year drop-down and select a year from the list.
- This is a mandatory field.

Employee code:

- It is a text field that will allow the user to enter a particular employee code as search criteria.
- It is not a mandatory field. This is an alternate search feature for the previous criteria.
- Employee code has a 4 character search feature. By entering 4 characters on this text field will search those employee records that start with the user entered four characters.
- When data is entered in the Employee code field, all other mandatory field validations i.e. division, profile, role, username, year will be bypassed. Hence, users will be able to search just by entering the employee code whether data is entered in other fields or not.
- After selecting the required search criteria, the user will click on the “Search” option.

Output will be generated in the form of a table

- Each row in the table will have a check box corresponding to it. The user can select only those users which are to be provided with DCR unlocking. The user can select either selected users or all the users in the table by clicking on “select all” checkbox.

Each entry will have the following fields:

- Sr. No. : Serial number of the user in the table.
- Division: Division to which the user belongs (It will always correspond to the division selected by the user in the search criteria).
- Employee code: Employee code of the user.
- Username: Full name of the user.
- Designation: Designation of the user.
- Territory joining date: Date on which the user joined that particular territory.
- Last DCR date: Last DCR filed date.

After selecting Usernames from the table by clicking on the check boxes corresponding to usernames, the user can click on the button “Unlock Selected Users” option.

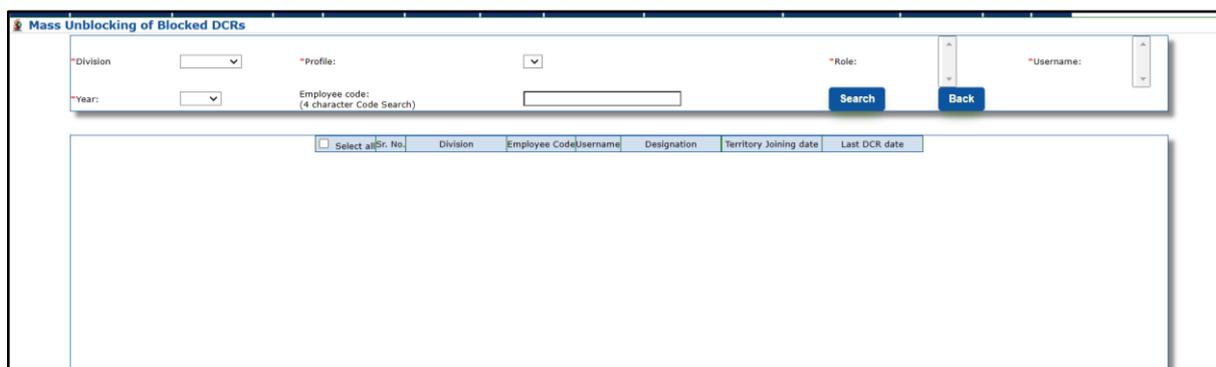
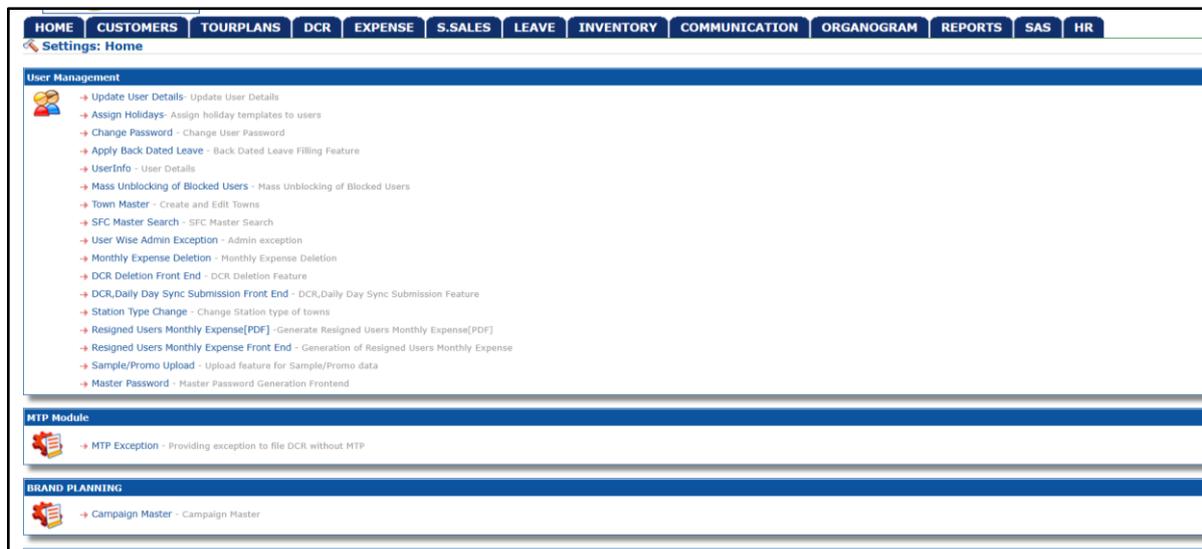
The above step will unlock the selected users’, all the previously locked DCRs which were locked for dates higher than the user’s joining date or territory joining date.

After the user clicks on the unlock users button, a message will be displayed ‘All selected Users have been unlocked’.

Once the days are unlocked the same will be visible in the DCR blocked calendar of the unlocked users.

- Enable a link in Settings to direct it to unlockusers page when clicked on the link.
- Mapping the unlockuser feature and checking the working of the feature.
- Make proper validations
- Fix the issue of redirecting to wrong page
- Fix some changes in appearance.

Screenshots:



HOME CUSTOMERS TOURPLANS DCR EXPENSE S.SALES LEAVE INVENTORY COMMUNICATION ORGANOGRAM REPORTS SAS HR

Mass Unblocking of Blocked DCRs

*Division: *Profile: *Role: *Username:

*Year: Employee code: (4 character Code Search)

<input type="checkbox"/> Select all	Sr. No.	Division	Employee Code	Username	Designation	Territory Joining date	Last DCR date
-------------------------------------	---------	----------	---------------	----------	-------------	------------------------	---------------

When logged into lower level user

Access Route:

Login(Lower Level User) -> My Accounts: user information page gets displayed with some features on the left hand side

HOME		CUSTOMERS		TOURPLANS		DCR		EXPENSE		S.SALES		LEAVE		INVENTORY		COMMUNICATION		REPORTS		SAS	
User: RITESH KUMAR (211738)																					
Update Doctor Areas		Name: RITESH KUMAR										Employee Code: 211738									
Patch		Status: Active										Designation: BDE									
Change Password		Date of Joining: 04.08.2022										Date of Birth: 01.12.1993									
Holiday List		Aadhar Card No:										Insurance Policy No:									
		PanCard No:										Emergency Contact No:									
User Information																					
Division: Gastro																					
Reports to: RANJAN PATRA																					
Mobile: 98963735																					
Email: rishankumar2004@gmail.com																					
Correspondence Address:										Role : BE											
(STANKE, SOONAL), PUNE, India										Permanent Address: (STANKE, SOONAL), PUNE, India											
View Uploaded Photo																					

Task 5: Changes in PDF feature

Module : Expense

Overview:

Expense module basically calculates daily expense based on DCR reporting, Monthly Expense Statement, Workflows & Approvals.

Monthly Expense Statement for a particular month ,year gives detailed expense statements of the user with all the user information and all the expenses including the remarks.

The monthly expense statement can also be downloaded by clicking on the 'Download PDF' option present at the top right corner on the same screen where the expense statement gets generated.

Access Route:

Login(Expense Head) -> Expense-> Monthly Expense-> select the month required month->click on 'download PDF' option present at top right corner on the same screen where the expense statement gets generated.

The PDF file which gets generated has header content on each page of PDF which includes information such as User name, Designation, Date of Joining , Period, Employee Mobile No., Employee Name, Region Name, Manager Name, Company Name, Employee Number, Division, Manager Region Name, DCR Status which in turn results in more count of pages.

- Restrict the number of pages in PDF and remove the repetition of Header in every page (Header Content should be kept in the first page only).

Screenshots:

Monthly Expense Statement for Jun 2022 Download PDF

: Changed by FLM
: Changed by Admin
:Threshold Limit

Division: Gastrova Emp name: Emp code: Date Of Joining: 2019-11-14 HQ: Faizabad Desgination: BE

Date	Day Type	Worked In HQ/EX-HQ/OS	Town Worked	Dr. Count	One way distance in kms	SFC Fare	Claim fare	Manager Approved Amount	Manager Remarks	Admin Approved Amount	Admin Remarks	DA	Admin DA	Admin Rem
2022-06-01	Wednesday	HQ		8								210.00	<input type="text" value="210.00"/>	<input type="text"/>
2022-06-02	Thursday	EX-HQ	Faizabad - AKBARPUR	11	57.00	285.00	285.00	285.00	230	<input type="text" value="285.00"/>	<input type="text"/>	0.00	<input type="text" value="0.00"/>	<input type="text"/>
2022-06-03	Friday	HQ		10								210.00	<input type="text" value="210.00"/>	<input type="text"/>
2022-06-04	Saturday	HQ		11								210.00	<input type="text" value="210.00"/>	<input type="text"/>

Expense Report		
User Name :	Employee Name :	Employee Number :
Designation :Business Executive	Region Name :AHMEDABAD	Division :Pharma
Date Of Joining :2022-07-01	Manager Name :	Manager Region Name : Ahmedabad DM
Period : 01/7/2022 - 31/7/2022	Company Name :	DCR Status : Approved
Employee Mobile Number :		
Total:6700		

User name:		Designation:		BE		Division:		Pharma		Year:			
HQ:		Emp Code:				Month:		Jul		2022			
Date	Day	From - To	Town Worked	Station Type	Dr. Calls	Ch. Calls	Stck. Calls	Dist (in KMs)	Claimed Fare	Sanct Fare	Fixed Allwnc	Sanct Fixed Allwnc	Tot Exp (in Rs.)
01-07-2022	Fri			HQ	10	9					240	240	240
02-07-2022	Sat			HQ	10	7					240	240	240
04-07-2022	Mon			HQ	8	8					240	240	240

Expense Report		
User Name :	Employee Name :	Employee Number :
Designation :Business Executive	Region Name :AHMEDABAD	Division :Pharma
Date Of Joining :2022-07-01	Manager Name :	Manager Region Name : Ahmedabad DM
Period : 01/7/2022 - 31/7/2022	Company Name :	DCR Status : Approved
Employee Mobile Number :		
Total:6700		

User name:		Designation:		BE		Division:		Pharma		Year:			
HQ:		Emp Code:		211153		Month:		Jul		2022			
Date	Day	From - To	Town Worked	Station Type	Dr. Calls	Ch. Calls	Stck. Calls	Dist (in KMs)	Claimed Fare	Sanct Fare	Fixed Allwnc	Sanct Fixed Allwnc	Tot Exp (in Rs.)
01-07-2022	Fri			HQ	10	9					240	240	240
02-07-2022	Sat			HQ	10	7					240	240	240
04-07-2022	Mon			HQ	8	8					240	240	240

Task 6: Enabling Copy Paste option

Module: Expense

Overview:

Monthly Expense Statement for a particular month ,year gives detailed expense statements of the user with all the user information and all the expenses including the remarks.

A Manager as well as Admin has the right to deduct or add extra expense.

The page which gets displayed when clicked on any particular month when logged into ExpenseHead , Admin DA and Admin DA Remarks text box doesn't allow the copy paste feature.

Similarly, the page which gets displayed when clicked on any particular month when logged into any Manager (having profile 6,7,8), Manager Approved Amount and Manager Remarks text box doesn't allow the copy paste feature.

Access Route:

Login(Expense Head)-> Expense-> Monthly Expense->selected any month -> an expense detail page gets displayed.

Screenshots:

Enabling Copy Paste option(Expense Head)

Monthly Expense Statement for Jun 2022 Download PDF

■ : Changed by FLM
 ■ : Changed by Admin
 ■ : Threshold Limit

Division: Gastrova
 Emp name:
 Emp code:
 Date Of Joining: 2019-11-14
 HQ: Faizabad
 Designation: BE

Town Worked	Dr. Count	One way distance in kms	SFC Fare	Claim fare	Manager Approved Amount	Manager Remarks	Admin Approved Amount	Admin Remarks	DA	Admin DA	Admin DA Remarks	Total as per Claim	Total as per Manager
	8								210.00	210.00	Test	210.00	210.00
zabad - BARPUR	11	57.00	285.00	285.00	285.00	230	285.00		0.00	0.00	Test	285.00	285.00
	10								210.00	210.00		210.00	210.00
	11								210.00	210.00		210.00	210.00
												0.00	0.00
	10								210.00	210.00		210.00	210.00
	12								210.00	210.00		210.00	210.00
zabad -	13	57.00	285.00	285.00	285.00	230	285.00		0.00	0.00		285.00	285.00
			1140.00	1140.00	1140.00		1140.00		4410.00	4410.00		5550.00	5550.00

Miscellaneous Expenditure

Enabling Copy Paste option(Manager)

Access Route:

Login(Manager)-> Expense-> Monthly Expense->selected any month
-> an expense detail page gets displayed.

Monthly Expense Statement for Jul 2022 Download PDF

■ : Changed by FLM
 ■ : Changed by Admin
 ■ : Threshold Limit

Division: Rivela
 Emp name:
 Emp code:
 Date Of Joining: 2022-03-21
 HQ: BERHAMPUR
 Desgination: BE

Date	Day Type	Worked In HQ/EX-HQ/OS	Town Worked	Dr. Count	One way distance in kms	SFC Fare	Claim fare	Manager Approved Amount	Manager Remarks	DA	Total as per Claim	Total as per Manager
2022-07-01	Friday	Rathayatra									0.00	0.00
2022-07-02	Saturday	EX-HQ	Berhampur - Belaguntha Jagannath Prasad	10	110.00	302.50	302.50	302.50	extra work	240.00	845.00	845.00
			Belaguntha Jagannath Prasad - Berhampur		110.00	302.50	302.50	302.50	extra work			
2022-07-03	Sunday										0.00	0.00
2022-07-04	Monday	HQ		10						210.00	210.00	210.00
2022-07-05	Tuesday	EX-HQ	Berhampur - Polosara K S Nagar	9	85.00	467.50	467.50	467.50		240.00	707.50	707.50

Task 7: Changes in Expense List of Monthly Expense

Module : Expense

Overview:

An Expense List gets displayed when selected Monthly Expense under Expense along with Expense search when the user can Search by entering details such Role, Territory, Employee Code ,Year, Month,Status, TE No. as search fields with Search button.

The Expense list has fields such as Sr. No., TE No., Submission Date, Year, Requestor Name, Territory Name, Accepted Date, Status, Pending With, Current Expense, Edit | Delete.

- Rename the Current Expense column to Claimed Expense
- Add another column named Approved Expense which should display the amount in the column only whose status is approved.

Access Route:

Logged in to ExpenseHead, when select Expense-> Monthly Expense -> Expense list gets displayed

Screenshots:

The screenshot displays the ExpenseHead application interface. At the top, there is a navigation menu with tabs: HOME, CUSTOMERS, TOURPLANS, DCR, EXPENSE, S.SALES, LEAVE, INVENTORY, COMMUNICATION, ORGANOGRAM, REPORTS, SAS, HR. The main content area is divided into two sections: 'Expense Search' and 'Expense List'.

Expense Search: This section contains a form with the following fields: Role (dropdown menu with options NSM, ZM, RM), Employee Code (text input), Status (dropdown menu), Territory (dropdown menu), Year (dropdown menu), Month (dropdown menu), and TE No. (text input). A Search button is located at the bottom right of the search form.

Expense List: This section displays a table with the following columns: Sr No, TE No., Submission Date, Year, Month, Requestor Name, Territory Name, Accepted Date, Status, Pending With, Claimed Expense, Approved Expense, and Edit | Delete. The table shows two rows of data:

Sr No	TE No.	Submission Date	Year	Month	Requestor Name	Territory Name	Accepted Date	Status	Pending With	Claimed Expense	Approved Expense	Edit Delete
1		2022-07-09	2022	JUNE		Samastipur	2022-07-09	Accepted		8663.10	0.00	
2		2022-08-03	2022	JULY		Samastipur	2022-08-06	Approved		8649.00	8849.00	

At the bottom of the screenshot, it says 'Server response time: 0.141287 seconds.'

Employee Code: Year: Month:

Status: TE No.: Search

Expense List:

Showing 1 - 430 of 430

Sr No	TE No.	Submission Date	Year	Month	Requestor Name	Territory Name	Accepted Date	Status	Pending With	Claimed Expense	Approved Expense	Edit Delete
1		2023-01-16	2022	JANUARY		KOLKATA POOL 6		Saved		0.00	0.00	
2		2022-07-07	2022	MAY		SILIGURI		Pending		1943.06	0.00	
3		2022-08-17	2022	MAY		WEST DELHI POOL 1		Pending		2990.00	0.00	
4		2022-07-11	2022	MAY		ROHTAK		Rejected		2260.65	0.00	
5		2022-07-10	2022	MAY		BONGAIGAON		Pending		3567.26	0.00	
6		2022-07-12	2022	JUNE		Kolkata State	2022-07-13	Accepted		32786.74	0.00	
7		2022-07-11	2022	JUNE		BARUIPUR DIAMOND HARBOUR	2022-07-12	Accepted		11165.48	0.00	
8		2022-07-08	2022	JUNE		KOLKATA NORTH AREA HQ	2022-07-09	Accepted		11742.85	0.00	
9		2022-07-12	2022	JUNE		BARASAT	2022-07-13	Approved		8931.95	8931.95	
10		2022-07-08	2022	JUNE		KOLKATA POOL 2	2022-07-08	Approved		7630.00	7630.00	
11		2022-07-12	2022	JUNE		KOLKATA POOL 3	2022-07-12	Approved		5762.03	5793.33	
12		2022-07-08	2022	JUNE		KOLKATA POOL 4	2022-07-08	Approved		8290.00	8290.00	
13		2022-07-11	2022	JUNE		BHUBANESHWAR AREA HQ	2022-07-11	Accepted		31372.22	0.00	
14		2022-07-19	2022	JUNE		Bhubaneshwar 2	2022-07-19	Accepted		12695.88	0.00	
15		2022-07-09	2022	JUNE		BERHAMPUR	2022-07-13	Accepted		14057.08	0.00	
16		2022-07-09	2022	JUNE		JEYPORE	2022-07-14	Accepted		36675.64	0.00	
17		2022-07-14	2022	JUNE		BOLANGIR	2022-07-14	Accepted		14300.00	0.00	
18		2022-07-14	2022	JUNE		Bhubaneshwar 1	2022-07-14	Accepted		17051.08	0.00	

Task 8: My Priority List Visit Report

Module: Reports

Overview:

Report module helps the user to get different extracts from the system. Once the user clicks on standard reports under the 'reports' module one gets to see a list of reports that can be extracted by the user. The user has to click on the report that he wants to generate.

For eg. If the user wants to generate a 'Login History Report', the user has to click on the name of the report.

Access Route:

Login->Standard Report->My Priority List Visit Report.

Report will have the following filters (drop downs) for extraction

- Division - (applicable only for salesadmin) [mandatory for salesadmin] - This field will be a single select drop-down loading applicable divisions in the system. Division name needs to be selected from the provided options. This will be a mandatory field for admin level users. This field will be displayed only to admin level users
- Role - (applicable only for salesadmin) - This will be a single select drop down field loading all the roles (lower levels) available for the division of Logged in User. It is mandatory to select the role option to obtain the users and their territory accordingly in the next drop-down field. This field will be displayed to manager & admin users.
- Username [mandatory except for salesadmin] - Will be a single select drop-down. After selecting a role, all the users and their territory according to the role selected will be displayed in this menu. The user name along with the territory name and the designation will be shown. Users/territories in the lower hierarchy team will be considered. It will be a mandatory field for all Users.
- Financial Year [mandatory for everyone] - This field will be a single select drop down field loading financial year. It will be displayed to Admin Users. It will be a mandatory field.

Along with the search parameters additional 2 button will be provided:

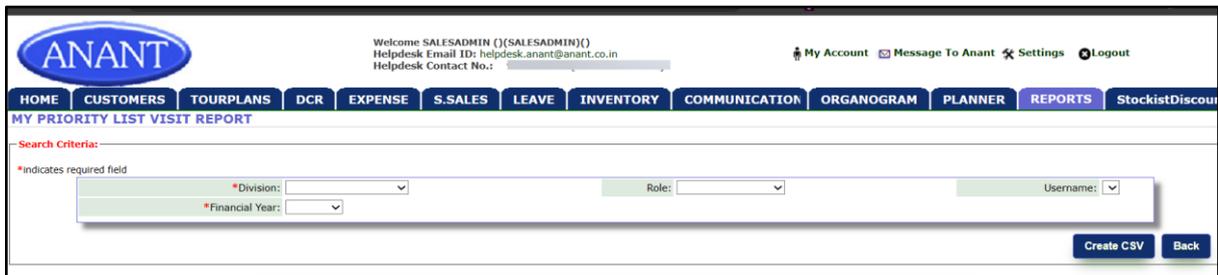
- a) Create CSV: A button to generate the report output in excel. This button will validate, and on successful validation it will generate a report output in an csv format (.csv extension) for the selected search parameters.
- b) Back: To navigate to the report listing. The button will redirect to the standard report list.
 - Report will be generated for the selected dropdown as per applicability.
 - Division field will appear only for salesadmin.
 - Division and Financial Year will be mandatory for salesadmin.

At manager it will generate data for its team for selected username, financial year.

- ❖ Division- It will show the division selected in the filter.
- ❖ FLE Date of Joining – It will show the joining date of the user.
- ❖ User ID – It will show the users employee code.
- ❖ FLE Name – It will show the name of the user.
- ❖ HQ – It will show the users headquarters.
- ❖ Designation – It will show the designation of the user.
- ❖ Manager 1 EMP Code – It will show level 1 manager’s employee code.
- ❖ Manager 1 Name – It will show level 1 manager’s name.
- ❖ Manager 1 Designation – It will show level 1 manager’s designation.
- ❖ Manager 2 EMP Code – It will show level 2 manager’s employee code.
- ❖ Manager 2 Name – It will show level 2 manager’s name.
- ❖ Manager 2 Designation – It will show level 2 manager’s designation.
- ❖ Manager 3 EMP Code – It will show level 3 manager’s employee code.
- ❖ Manager 3 Name – It will show level 3 manager’s name.
- ❖ Manager 3 Designation – It will show level 3 manager’s designation.
- ❖ Manager 4 EMP Code – It will show level 4 manager’s employee code.
- ❖ Manager 4 Name – It will show level 4 manager’s name.
- ❖ Manager 4 Designation – It will show level 4 manager’s designation.
- ❖ Doctor Contact ID – It will show the Contact ID of the Doctor.
- ❖ UIN No. – It will show the UIN No. of the Doctor.
- ❖ Doctor Code – It will show the code of a doctor.

- ❖ Doctor Qualification – It will show the qualification of the doctor.
 - ❖ Speciality as per Qualification – It will show the Speciality of that particular doctor as per his/her qualification.
 - ❖ Speciality as per Practice – It will show the Speciality of that particular doctor as per his/her practice.
 - ❖ Visit Frequency – It will show the number of visits.
 - ❖ Patch – It will show the patch area of a doctor.
 - ❖ City – It will show the city of a doctor.
 - ❖ Dr. Category – It will show the category of the doctor (Super Core, Core, Important).
 - ❖ Status - It will show the status of the doctor. (active/deleted).
 - ❖ Doctor Addition Date –It will show the date of doctor i.e., when it was added.
 - ❖ Doctor Deletion Date –It will show the date of doctor i.e., when it was deleted.
-
- ❖ For each month there will be the below mentioned fields and it will be repeated for the entire financial year. (April<year> - March<year>)
-
- Month-<year> FLE – It will show the Dates of that particular month and year of FLE.
 - Month-<year> Manager 1 - It will show the Dates of that particular month and year of Level 1 Manager.
 - Month-<year> Manager 2 - It will show the Dates of that particular month and year of Level 2 Manager.
 - Month-<year> Manager 3 - It will show the Dates of that particular month and year of Level 3 Manager.
 - Month-<year> Manager 4 - It will show the Dates of that particular month and year of Level 4 Manager.

Screenshots:



ANANT

Welcome S
Helpdesk E
Helpdesk C

65.21.120.169 says
Please select Financial Year!

My Account Message To Anant Settings Logout

HOME CUSTOMERS TOURPLANS DCR EXPENSE ORGANOGRAM PLANNER REPORTS StockistDiscoun

MY PRIORITY LIST VISIT REPORT

Search Criteria:

*Indicates required field

*Division: CRITICARE Role: Username:

*Financial Year:

Create CSV Back

ANANT

Welcome ARUNKUMAR B (HEALTHCARE)(Sr. DM)(MUVATUPUZHA)
Helpdesk Email ID: helpdesk.anant@anant.co.in
Helpdesk Contact No.:
D.O.J: 02.01.2014

My Account Message To Anant Logout

HOME CUSTOMERS TOURPLANS DCR EXPENSE S.SALES LEAVE INVENTORY COMMUNICATION PLANNER REPORTS StockistDiscounting S&D

MY PRIORITY LIST VISIT REPORT

Search Criteria:

*Indicates required field

Role: Username:

*Financial Year:

Create CSV Back

Task 9:Change in MIS Report

Module : Reports

Overview:

Report module helps the user to get different extracts from the system. Once the user clicks on standard reports under the 'reports' module one gets to see a list of reports that can be extracted by the user. The user has to click on the report that he wants to generate.

For eg. If the user wants to generate a 'Login History Report', the user has to click on the name of the report.

MIS Reports consist of reports such as Admin Hierarchy Report, Individual MIS Report, DR List V/S Field Work Compliance , Compliance Tracker Report, Doctor Details + Visit Report, Yearly Visit Report.

The Admin Hierarchy Report and Individual Hierarchy Report consists of Search Criteria which includes filters (drop downs) such as Division, Role, Username, Month, Year where Division, Month and Year are mandatory fields for extraction.

Along with the search parameters additional 3 buttons will be provided:

- Generate: Generate the report on the same screen based on the selected search criteria .
- Create XL: This button will validate, and on successful validation it will generate a report output in an xlsx format (.xlsx extension) for the selected search parameters.
- Back: To navigate to the report listing. The button will redirect to the standard report list.
- Rename the column(District to Region) which gets generated in the form of an xlsx file when clicked on the Create XL button in Admin Hierarchy Report and Individual MIS Report.

Access Route:

Login->Standard Report->MIS Reports:Admin Hierarchy Report

Screenshots:

Admin Hierarchy Report (Before)

Month	Division	Zone	District	Area	Territory	Employee Name	Employee Code	Designation	HQ	MTP Approved on	Days in Month	No of field Working Days	No of Leaves	No of LOP	Non Field Activity	Hof Su
3 JULY	Gastrova	KOLKATA ZONE	Kolkata State	KOLKATA SOUTH AREA HQ	KOLKATA POOL 6			BE	KOLKATA	2022-06-24	31	0	0	6	0	
4 JULY	Gastrova	KOLKATA ZONE	Kolkata State	KOLKATA SOUTH AREA HQ	KOLKATA POOL 7			BE	KOLKATA	0000-00-00	31	0	0	0	0	
5 JULY	Gastrova	KOLKATA ZONE	Kolkata State	KOLKATA NORTH AREA HQ	BARASAT			BE	BARASAT	2022-06-18	31	25	0	0	1	
6 JULY	Gastrova	KOLKATA ZONE	Kolkata State	KOLKATA NORTH AREA HQ	KOLKATA POOL 1			BE	KOLKATA	2022-06-26	31	26	0	0	0	
7 JULY	Gastrova	KOLKATA ZONE	Kolkata State	KOLKATA NORTH AREA HQ	KOLKATA POOL 2			BE	KOLKATA	2022-06-25	31	24	0	2	0	
8 JULY	Gastrova	KOLKATA ZONE	Kolkata State	KOLKATA NORTH AREA HQ	KOLKATA POOL 4			BE	KOLKATA	2022-06-26	31	25	1	0	0	
9 JULY	Gastrova	KOLKATA ZONE	Kolkata State	BHUBANESHWAR AREA HQ	Bhubaneshwar 2			BE	BHUBANESHWAR	2022-06-27	31	18	8	0	0	
10 JULY	Gastrova	KOLKATA ZONE	Kolkata State	BHUBANESHWAR AREA HQ	BERHAMPUR			BE	BERHAMPUR	2022-06-27	31	25	0	0	1	
11 JULY	Gastrova	KOLKATA ZONE	Kolkata State	BHUBANESHWAR AREA HQ	JEYPORE			BE	JEYPOUR	2022-06-27	31	25	0	0	1	
12 JULY	Gastrova	KOLKATA ZONE	Kolkata State	BHUBANESHWAR AREA HQ	BOLANGIR			BE	BOLANGIR	2022-06-27	31	25	0	0	1	
13 JULY	Gastrova	KOLKATA ZONE	Kolkata State	BHUBANESHWAR AREA HQ	Bhubaneshwar 1			BE	BHUBANESHWAR	2022-06-28	31	23	0	2	0	
14 JULY	Gastrova	KOLKATA ZONE	Kolkata State	CUTTACK AREA HQ	CUTTACK 1			BE	CUTTACK	0000-00-00	31	0	0	0	0	
15 JULY	Gastrova	KOLKATA ZONE	Kolkata State	CUTTACK AREA HQ	CUTTACK 2			BE	CUTTACK	2022-06-27	31	25	0	0	0	

Admin Hierarchy Report (After)

Month	Division	Zone	Region	Area	Territory	Employee Name	Employee Code	Designation	HQ	MTP Approved on	Days in Month	No of field Working Days	No of Leaves	No of LOP	Non Field Activity	Hol Su
JULY	Gastrova	KOLKATA ZONE	Kolkata State	KOLKATA SOUTH AREA HQ	KOLKATA POOL 6			BE	KOLKATA	2022-06-24	31	0	0	6	0	
JULY	Gastrova	KOLKATA ZONE	Kolkata State	KOLKATA SOUTH AREA HQ	KOLKATA POOL 7			BE	KOLKATA	0000-00-00	31	0	0	0	0	
JULY	Gastrova	KOLKATA ZONE	Kolkata State	KOLKATA NORTH AREA HQ	BARASAT			BE	BARASAT	2022-06-18	31	25	0	0	1	
JULY	Gastrova	KOLKATA ZONE	Kolkata State	KOLKATA NORTH AREA HQ	KOLKATA POOL 1			BE	KOLKATA	2022-06-26	31	26	0	0	0	
JULY	Gastrova	KOLKATA ZONE	Kolkata State	KOLKATA NORTH AREA HQ	KOLKATA POOL 2			BE	KOLKATA	2022-06-25	31	24	0	2	0	
JULY	Gastrova	KOLKATA ZONE	Kolkata State	KOLKATA NORTH AREA HQ	KOLKATA POOL 4			BE	KOLKATA	2022-06-26	31	25	1	0	0	
JULY	Gastrova	KOLKATA ZONE	Kolkata State	BHUBANESHWAR AREA HQ	Bhubaneshwar 2			BE	BHUBANESHWAR	2022-06-27	31	18	8	0	0	
JULY	Gastrova	KOLKATA ZONE	Kolkata State	BHUBANESHWAR AREA HQ	BERHAMPUR			BE	BERHAMPUR	2022-06-27	31	25	0	0	1	
JULY	Gastrova	KOLKATA ZONE	Kolkata State	BHUBANESHWAR AREA HQ	JEYPORE			BE	JEYPORE	2022-06-27	31	25	0	0	1	
JULY	Gastrova	KOLKATA ZONE	Kolkata State	BHUBANESHWAR AREA HQ	BOLANGIR			BE	BOLANGIR	2022-06-27	31	25	0	0	1	
JULY	Gastrova	KOLKATA ZONE	Kolkata State	BHUBANESHWAR AREA HQ	BHUBANESHWAR			BE	BHUBANESHWAR	2022-06-						

Access Route:

Login->Standard Report->MIS Reports:Individual MIS Report

Individual MIS Report(Before)

Month	Division	Zone	District	Area	Territory	Employee Name	Employee Code	Designation	HQ	Days In Month	No Of Field Working days	No Of Leaves	No Of LOP	Non Field Activity	No Of Holidays/Sundays	Total Dr Calls	Dr Call Average	Total Chemist Calls	Chemist Call Average	Total Chemist POB	Stock Calls
JULY	Gastrova	DELHI ZONE	Delhi State	SRINAGAR AREA HQ	SRINAGAR POOL 2			BE	SRINAGAR	31	23	1	0	0	7	234	10.1739	0	0	0	0
JULY	Gastrova	DELHI ZONE	Lucknow State	BAREILLY AREA HQ	Bareilly			BE	BAREILLY	31	25	1	0	0	5	266	10.64	104	4.16	0	0
JULY	Gastrova	DELHI ZONE	Delhi State	ARODABA Area HQ	Gunugram			BE	Gunugram	31	24	2	0	0	5	273	11.375	0	0	0	0
JULY	Gastrova	DELHI ZONE	Lucknow State	VARANASI AREA HQ	Ballia			BE	Ballia	31	21	5	0	0	5	217	10.3333	81	3.8571	0	0
JULY	Gastrova	BANGALORE ZONE	BANGALORE STATE	MYSORE AREA HQ	MYSURU DM			BM	Mysuru	31	17	0	1	0	5	147	8.6471	60	3.5294	0	0
JULY	Gastrova	DELHI ZONE	MUMBAI STATE	BHOPAL AREA HQ	BHOPAL 1			BE	BHOPAL	31	25	1	0	0	5	265	10.6	114	4.56	10	0
JULY	Gastrova	BANGALORE ZONE	BANGALORE STATE	ERNAKULAM AREA HQ	ERNAKULAM DM			BM	ERNAKULAM	31	24	2	0	0	5	252	10.5	181	7.5417	1	0

Individual MIS Report(After)

Month	Division	Zone	Region	Area	Territory	Employee Name	Employee Code	Designation	HQ	Days In Month	No Of Field Working days	No Of Leaves	No Of LOP	Non Field Activity	No Of Holidays/Sundays	Total Dr Calls	Dr Call Average	Total Chemist Calls	Chemist Call Average	Total Chemist POB	Stock Calls
JULY	Gastrova	DELHI ZONE	NAGPUR STATE	Nagpur Area HQ	Amravati			BE	Amravati	31	22	1	0	0	5	247	11.2273	168	7.6364	0	0
JULY	Gastrova	KOLKATA ZONE	Kolkata State	Kolkata State	Kolkata State			RM	KOLKATA	31	24	2	0	0	5	246	10.25	163	6.7917	0	0
JULY	Gastrova	DELHI ZONE	Delhi State	JAI PUR AREA HQ	Jaipur 1			BE	JAI PUR	31	24	2	0	0	5	252	10.5	0	0	0	0
JULY	Gastrova	KOLKATA ZONE	Howrah State	Howrah Area HQ	Howrah 1			BE	HOWRAH	31	25	1	0	0	5	235	9.4	156	6.24	0	0
JULY	Gastrova	DELHI ZONE	NAGPUR STATE	AURANGSAD AREA HQ	JALNA			BE	JALNA	31	26	0	0	0	5	288	11.0769	209	8.0385	224	0
JULY	Gastrova	KOLKATA ZONE	Kolkata State	BHUBANESHWAR AREA HQ	Bhubaneshwar 2			BE	BHUBANESHWAR	31	18	8	0	0	5	188	10.4444	102	5.6667	0	0
JULY	Gastrova	KOLKATA ZONE	Mumbai HO	Mumbai HO	Guwahati			SBU	MUMBAI	31	0	0	0	0	5	0	0	0	0	0	0

Task 10: Working on Search Criteria of Expense Report

Module: Reports

Overview:

Report module helps the user to get different extracts from the system. Once the user clicks on standard reports under the 'reports' module one gets to see a list of reports that can be extracted by the user. The user has to click on the report that he wants to generate.

For eg. If the user wants to generate a 'Login History Report', the user has to click on the name of the report.

Expense Report consists of two reports

- 1) Field Expense Summary Report
- 2) Daywise Expense Summary Report

- Both the reports consist of Search Criteria which includes search filters such as Division, Role, Username, Employee Code, Month, Year and User Type.
- User Type consists of Active(Active user) and Resigned(Resigned user) options.

Along with the search parameters additional 3 buttons will be provided:

- Generate: Generate the report on the same screen based on the selected search criteria .
- Create XL: This button will validate, and on successful validation it will generate a report output in an xlsx format (.xlsx extension) for the selected search parameters.
- Back: To navigate to the report listing. The button will redirect to the standard report list.

Validation is as follows:

1. Check if month is empty, if true show alert "Please select month" and stop execution, else proceed.
2. Check if the year is empty , if true show alert "Please select year" and stop execution, else proceed.
3. Check if employee & division(both) is empty, if true show alert "Please select either Division-Role-Username or enter employee code".
4. If employee code is empty

4.a) If division is selected , check if role is empty, if true show alert "Please select role"

4.b) If division is selected, check if user is empty, if true show alert "Please select user"

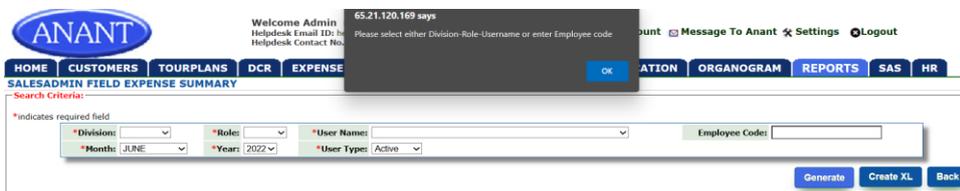
4.c) If division is selected, check if user type is empty, if true show alert "Please select user type"

- Logged in to salesadmin when selected Reports->under expense reports, there are two reports named Field Expense Summary and Daywise Expense Summary Report

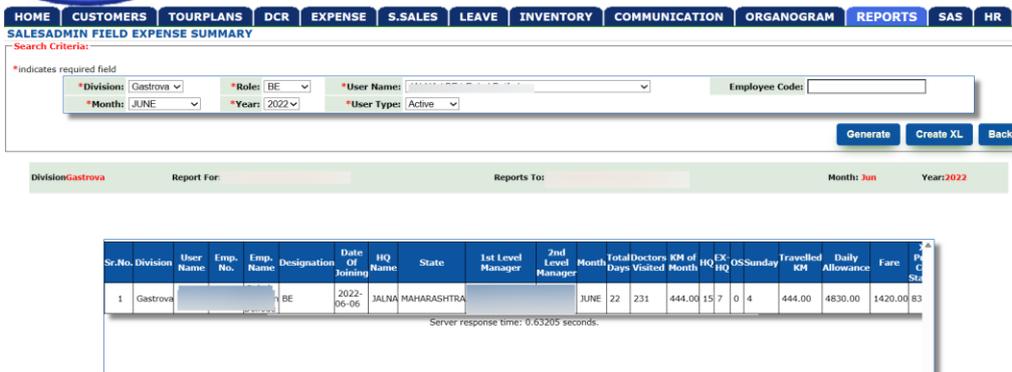
Access Route:

Login(salesadmin)->Reports->Standard Report->Expense Report:Field Expense Summary

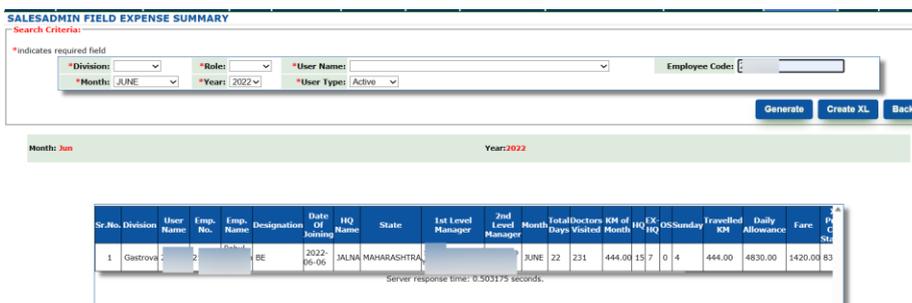
Screenshots:



By entering Division-Role-Username(Field Expense Summary)



By entering Employee code (Field Expense Summary)



File which gets downloaded when clicked on Create XL button (Field Expense Summary)

SR.NO	DIVISION	USER NAME	EMP NO	EMP NAME	DESIGNATION	Date Of Joining	HQ NAME	STATE	1st LEVEL MANAGER	2nd LEVEL MANAGER
1	Gastrova				BE	2022-06-06	JALNA	MAHARASHTRA		

Access Route:

Login(salesadmin)->Reports->Standard Report->Expense Report:Daywise Expense Summary

By entering Division-Role-Username(Daywise Expense Summary)

Search Criteria:

*Indicates required field

*Divisions: Gastrova | *Role: RM | *User Names: | Employee Code:

*Month: AUGUST | *Year: 2022 | *User Type: Resigned

Buttons: Generate, Create XL, Back

Division: Gastrova | Report For: | Reports To: | Month: Aug | Year: 2022

Sr.No.	Division	Zone	Region	Region Name	User Name	Emp Name	Date Of Joining	Emp No.	DCR Date	Claim Entered Date	Actual Amount	Approved Amount	Remarks By Manager	Remarks By Admin	Updated Date	Submitted Date	Approved Date
1	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-01	2022-09-15	1774	1774			2022-09-26	2022-09-15	2022-09-26
2	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-02	2022-09-15	850	850			2022-09-26	2022-09-15	2022-09-26
3	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-03	2022-09-15	1599	1599			2022-09-26	2022-09-15	2022-09-26
4	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-04	2022-09-15	290	290			2022-09-26	2022-09-15	2022-09-26
5	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-05	2022-09-15	290	290			2022-09-26	2022-09-15	2022-09-26
6	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-06	2022-09-15	290	665	Ok		2022-09-26	2022-09-15	2022-09-26
7	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-08	2022-09-15	1753	2248	Ok		2022-09-26	2022-09-15	2022-09-26
8	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-09	2022-09-15	850	1180	Ok		2022-09-26	2022-09-15	2022-09-26
9	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-10	2022-09-15	850	850			2022-09-26	2022-09-15	2022-09-26

By entering Employee code (Daywise Expense Summary)

Search Criteria:

*Indicates required field

*Divisions: Gastrova | *Role: RM | *User Names: | Employee Code:

*Month: AUGUST | *Year: 2022 | *User Type: Resigned

Buttons: Generate, Create XL, Back

Month: Aug | Year: 2022

Sr.No.	Division	Zone	Region	Region Name	User Name	Emp Name	Date Of Joining	Emp No.	DCR Date	Claim Entered Date	Actual Amount	Approved Amount	Remarks By Manager	Remarks By Admin	Updated Date	Submitted Date	Approved Date
1	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-01	2022-09-15	1774	1774			2022-09-26	2022-09-15	2022-09-26
2	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-02	2022-09-15	850	850			2022-09-26	2022-09-15	2022-09-26
3	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-03	2022-09-15	1599	1599			2022-09-26	2022-09-15	2022-09-26
4	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-04	2022-09-15	290	290			2022-09-26	2022-09-15	2022-09-26
5	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-05	2022-09-15	290	290			2022-09-26	2022-09-15	2022-09-26
6	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-06	2022-09-15	290	665	Ok		2022-09-26	2022-09-15	2022-09-26
7	Gastrova	KOLKATA ZONE	-	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-08	2022-09-15	1753	2248	Ok		2022-09-26	2022-09-15	2022-09-26

File which gets downloaded when clicked on Create XL button (Daywise Expense Summary)

DAY WISE EXPENSE SUMMARY REPORT 03_06_23 02_48_02.xls [Protected View] - Excel

File Home Insert Page Layout Formulas Data Review View Help Tell me what you want to do

PROTECTED VIEW Be careful—files from the Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View. Enable Editing

SR.NO.	DIVISION	ZONE	REG ION	REGION NAME	USER NAME	EMP NAME	Date Of Joining	EMP NO.	DCR DATE	USE N
1	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-01	
2	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-02	
3	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-03	
4	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-04	
5	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-05	
6	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-06	
7	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-08	
8	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-09	
9	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-10	
10	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-11	
11	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-12	
12	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-13	
13	Gastrova	KOLKATA ZONE	9	BHUBANESHWAR AREA HQ			2018-09-13		2022-08-17	

Task 11: Stockist Listing and Search

Module :Contacts

Overview:

This feature will provide a default list of the requests raised by the logged in manager or the team of the manager/User. It will allow us to search and track the status of the request.

Access Route:

Login->Home->Customers->Stockist Creation

1. The feature will have a table grid(listing) and the 3 icons on the right corner.
2. By default, listing will list the stockist creation requests raised by the manager and the requests pending with the manager/logged User.
3. On search the listing will provide the stockist creation requests from the user's team as per the filters selected.
4. The 3 icons on the corner will be plus icon, home icon and search icon.
5. Plus: To create the new requests, will be given only to the area level managers and the regional level managers.
 - a. Home: Will redirect to the home page of the application.
 - b. Search: Will allow the search for the request's basis on the selected parameters.
 - c. To search use the filter icon, this will open the search filters.
6. Following are the parameters which displays the details in search filter
 - a. **Role:**It will display the role .And this field is mandatory.
 - b. **Territory:** This field will display the users details after selecting the role .And this field is mandatory.
 - c. **Stockist Name:**This will be a text area of this field.
 - d. **Status:**This will be the dropdown .
 - e. **Search:** A button will display the data.
 - f. **Clear:**A button will clear the data.
7. Following are the parameters which displays the details in the listing
 - a. **Sr.no:** It will display the incremented number.
 - b. **Stockist Name:** It will display the stockist name for which the request is raised.
 - c. **Requested By:** It will display the name and the employee code of the user who has raised the request.
 - d. **Associated To Territory:** It will display the territory name for which the request is raised.
 - e. **Status:** It will display the current status of the request. Below are the different statuses.

- **Saved** : This request will be allowed to edit(only the requestor) and then submit.
 - **Pending for Manager Approval:** These requests will be the ones which are submitted and are now pending with the manager for approval.
 - **Pending for DT Approval** : This request is the ones which are manager approved and are now pending with the distribution team for approval.
 - **Pending for BU Head Approval** : These requests are the ones which are approved by the distribution team and are pending for BU head approval.
 - **Rejected** : These are the requests which are rejected by any of the approvers. If rejected then the Edit/Delete link will be provided.
 - **Approved** : These are the requests which are approved by the BU Head.
 - On click of the status the request history will be shown, when the request was submitted, approved/rejected by the respective approver.
 - **Pending With:** It will display the user's name with whom the request is pending for approval. This will be displayed only if the request is pending.
- f. **Action:** It will display different below options depending on the status. Below are the different actions allowed;
- **View:** Will open the view of the request raised. It will be available for a different status.
 - **Edit:** Will open the request to edit the details and then allow you to save or submit. It will be available for status with Saved or Rejected.
 - **Delete:** will allow you to delete the request. It will be available for status with Saved or Rejected.

Screenshots:

Stockist Creation & Listing 🏠 ⏴ +

Show 10 entries

Sr No	Stockist Name	Requested By	Associated to Territory	Status	Pending With	Action
1				Approved		View
2				Saved		Edit Delete
3				Approved		View
4				Approved		View
5				Saved		Edit Delete
6				Approved		View
7				Approved		View
8				Pending for DT Approval		
9				Pending for BU Head Approval		
10				Approved		View

Showing 1 to 10 of 13 entries Previous 1 2 Next

Stockist Creation & Listing



Filters:

Role: *Territory: Stockist Name:

Status:

Show entries

Sr No	Stockist Name	Requested By	Associated to Territory	Status	Pending With	Action
1				Saved		Edit Delete

Showing 1 to 1 of 1 entries

Previous **1** Next

Task 12: Adding a new column for Monthly Sales Plan

Module: TourPlans

Overview:

Tour Plan is a module where the user plans his activity for the future. Help your sales team to plan their monthly and yearly tours including workflow and approvals.

Access Route:

Login -> Planner-> Monthly Sales Plan-> New Monthly Sales Plan->select Year and Month and click on New-> Select Doctors Button-> select doctor and click Add Doctors

Add a new column in form as total and bifurcate it into total achieved value and total expected business value

Screenshot:

Sr No.	Doctor Name	ESTOFERT [0]	Visit Dates of Last Month	Visit 1	Visit 2	Visit 3	Campaign Name	Total	Deviation Reason
1	ADITHYA SUBRAHMANYAM SPEC: GP NON-MBBS FREQ: 2 VISIT CLASS: Core MARKET AREA: KOTTAYAM INSTS:	<div style="border: 1px solid black; padding: 2px;">Prev Month Plan Value:</div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">Previous Month Units</div> <div style="border: 1px solid black; padding: 2px;">Expected Units</div> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Achieved Value:</div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Expected Business Plan Value:</div>		+	+	+	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Select Options</div> <div style="border: 1px solid black; padding: 2px;">Campaign</div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Prev Month Execution Details</div>	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">Total Achieved Value</div> <div style="border: 1px solid black; padding: 2px;">Total Expected Business Plan Value</div> </div>	

Task 13 : Content changing

- Enter the required content id in the provided link and hit the link in the browser
- Content will get downloaded.
- Create a folder on your system with the required content id and paste this downloaded file in that folder and extract the zip file.
- Make changes in index.html and global.js file as discussed
- Zip the html folder to html.zip
- open/create the contentid folder on the server and upload the html.zip and html folder in the directory .

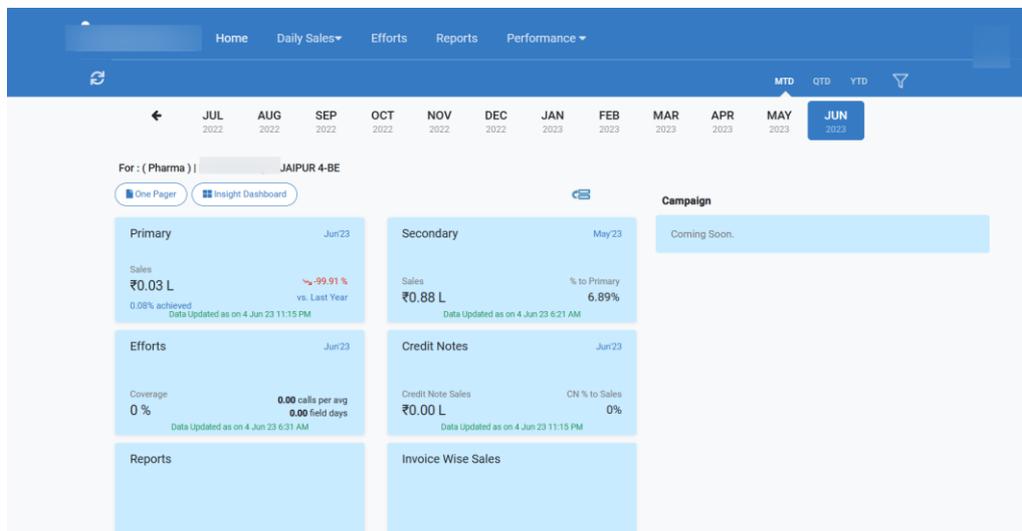
Content changing done for following divisions:

- 1) Primus
- 2) Spiritus
- 3) Lupin Inspire
- 4) Mindnext
- 5) Metacare
- 6) Oncology
- 7) Pharma
- 8) Respira Orian

Task 14: Sales Performance Dashboard

Analysing and understanding some features of existing projects done using Angular and Laravel.

Screenshot:



- Understanding Home Page.
- Understanding Primary Block.
- Understanding Secondary Block.
- Understanding how to trace a particular function through api ,trace objects ,trace controllers.
- Tracing from where the Division name, Username, Territory name and Role is getting fetched from.

Other Tasks

- Project setup using Git.
- Test some required APIs using Postman.
- SRS documentation for a few tasks mentioned above.
- Unit Test Cases for a few tasks mentioned above.
- Task on Forgot Password feature.

SOFTWARE/TOOLS & TECHNOLOGIES

HTML 5

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content
- HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

CSS

- CSS stands for Cascading Style Sheets. It is a style sheet language which is used to describe the look and formatting of a document written in markup language.
- It provides an additional feature to HTML.
- It is generally used with HTML to change the style of web pages and user interfaces. It can also be used with any kind of XML documents including plain XML, SVG and XUL.
- CSS is used along with HTML and JavaScript in most websites to create user interfaces for web applications and user interfaces for many mobile applications.

Javascript

- JavaScript is a cross-platform, object-oriented scripting language used to make webpages interactive (e.g., having complex animations, clickable buttons, popup menus, etc.).
- There are also more advanced server side versions of JavaScript such as Node.js, which allow you to add more functionality to a website than downloading files (such as real time collaboration between multiple computers).
- Inside a host environment (for example, a web browser), JavaScript can be connected to the objects of its environment to provide programmatic control over them.

Ajax

- AJAX is Asynchronous JavaScript and XML.
- AJAX is a technique for creating fast and dynamic web pages.
- AJAX allows web pages to be updated asynchronously by exchanging small amounts of data with the server behind the scenes. This means that it is possible to update parts of a web page, without reloading the whole page.

- Classic web pages, (which do not use AJAX) must reload the entire page if the content should change.
- Examples of applications using AJAX: Google Maps, Gmail, Youtube, and Facebook tabs.

MySQL

- MySQL is a powerful open-source database management system that is widely used for storing and organising data.
- It is known for its fast performance, reliability, and ease of use, making it a popular choice for web applications, business data, and other types of data storage.
- MySQL is based on the Structured Query Language (SQL), a standard language for interacting with databases.
- With MySQL, you can create and modify databases, tables, and other database objects, as well as insert, query, and update data. You can also use MySQL to manage users and privileges, ensuring that only authorised users have access to your data.

Jquery

- jQuery is a lightweight, "write less, do more" JavaScript library.
- The purpose of jQuery is to make it much easier to use JavaScript on your website.
- jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.
- jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.
- The jQuery library contains the following features:
 - HTML/DOM manipulation
 - CSS manipulation
 - HTML event methods
 - Effects and animations
 - AJAX
 - Utilities

PHP

- PHP is a recursive acronym for "PHP: Hypertext Preprocessor".
- PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, and even build entire e-commerce sites.
- It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.
- PHP is pleasingly zippy in its execution, especially when compiled as an Apache module on the Unix side. The MySQL server, once started, executes even very complex queries with huge result sets in record-setting time.

- PHP supports a large number of major protocols such as POP3, IMAP, and LDAP. PHP4 added support for Java and distributed object architectures (COM and CORBA), making n-tier development a possibility for the first time.

Angular

- Angular is a platform and framework for building single-page client applications using HTML and TypeScript. Angular is written in TypeScript.
- It implements core and optional functionality as a set of TypeScript libraries that you import into your applications.
- The architecture of an Angular application relies on certain fundamental concepts. The basic building blocks of the Angular framework are Angular components that are organised into NgModules. NgModules collect related code into functional sets; an Angular application is defined by a set of NgModules

Git

- Git is a DevOps tool used for source code management.
- It is one of the most prominent version control systems (VCS) today that is widely used to handle small and large projects efficiently. It helps in tracking changes in source code, enabling different people to collaborate on different parts of the same program.

FileZilla

- FileZilla is a free, open source file transfer protocol (FTP) software tool that allows users to set up FTP servers or connect to other FTP servers in order to exchange files.
- FileZilla traditionally supported File Transfer Protocol over Transport Layer Security (FTPS). The client software for FileZilla is available for all platforms and is free.

Navicat

- Navicat is a series of graphical database management and development software produced by CyberTech Ltd. for MySQL, MariaDB, MongoDB, Oracle, SQLite, PostgreSQL and Microsoft SQL Server.
- It has an Explorer-like graphical user interface and supports multiple database connections for local and remote databases.
- Its design is made to meet the needs of a variety of audiences, from database administrators and programmers to various businesses/companies that serve clients and share information with partners.

Postman

- Postman is an Application Programming Interface (API) testing tool. API acts like an interface between a couple of applications and establishes a connection between them.
- Thus, an API is a collection of agreements, functions, and tools that an application can provide to its users for successful communication with another application. We require an API whenever we access an application like checking news over the phone, Facebook, and so on.
- Postman has the feature of sending and observing the Hypertext Transfer Protocol (HTTP) requests and responses. It has a graphical user interface (GUI) and can be used in platforms like Linux, Windows and Mac. It can build multiple HTTP requests – POST, PUT, GET, PATCH and translate them to code.

Notepad++

- Notepad++ is a free and open-source text and source code editor for use with Microsoft Windows.
- It supports tabbed editing, which allows working with multiple open files in a single window. The product's name comes from the C postfix increment operator.
- Notepad++ is distributed as free software.

INTERNSHIP TIMELINE

January

Week 1

- Introduction and induction call, SFA meeting
- Read Mantis and web application manual
- Understanding document on My accounts, customer, tourplan, DCR and leave module
- Installation of required softwares
- Session on Navicat and FileZilla- requesting ftp access and db access Setting up connection ,login to site, identifying pages by action and module name, downloading pages in filezilla and uploading by taking backups
- Getting familiar with working of filezilla, traversing pages present in specific modules.

Week 2

- SRS document on product upload feature.
- Understanding the existing Upload feature.
- Download sample file in the form of csv on click of download sample file
- Download file on click of Download Master button
- Data should be inserted in table when checked in navicat
- Identification of the tables used and understanding queries with proper table names of the existing feature.

Week 3

- Tried writing queries by referring to existing queries of existing features.
- Tested upload feature by uploading missing data fields in the file.
- Creating php and html files required for working of the feature
- Report generation in proper format i.e when clicked on display error log all the fields which are present in the attached file are visible and only the missing ones are left blank . Checked with attaching a single csv file having missing data from each field.
- Some minor changes in displaying error messages.

Week 4

- Update, insert queries for required tables according to required conditions on update type i.e. ADD, UPDATE, DELETE.
- Fixed the issue of shifting of some data fields of the file downloaded when clicked on download master button
- Writing unit test cases for product master, updating SRS
- Resolved the issue of shifting of columns in ErrorReport file
- Added updatetype column in ErrorReport file
- Understanding working of Dcrs module
- Tracing the page where the headers appear when checked for the submitted dcr
- Adding a 'category' label only for Doctors in 'DetailViewname' page in Dcrs module

- Understanding from where the MDL No. gets fetched
- Query to fetch categoryname i.e whether it is Super core, core, imp

February

Week 1

- Adding campaign label in detailview and querying to get the campaign details in submitted dcr report
- Fetching campaignname assigned to doctor when clicked on any filed DCR , checking which all doctors have been assigned a campaign
- Showing the campaign label having campaignname only to the doctors that have been assigned campaign .The campaign label should not appear for doctors who have not been assigned to any campaign
- Writing unit test cases
- Tracing the pages to find from where the Patch Area gets fetched in the submitted dcr
- Finding the queries from where the Patch Area gets fetched and locating which tables used for it and understanding it.
- Understanding and writing Change Request Document for DCRS module

Week 2

- Fetching the MR territoryname in the submitted dcr for Doctors Met
- Fetching the MR territoryname in the submitted dcr for Chemist Met
- Fetching the MR territoryname in the submitted dcr for Stockist Met
- Understanding SRS
 - Understanding features like:
 - 1)DCR locking
 - 2)DCR unlocking Request Feature
 - 3)DCR Mass Unlocking Feature
 - 4)DCR Locking/Unlocking Report
- Tracing pagename and module name of some other site on Mass Unblocking of Blocked DCRs - tracing every button , dropdown etc. Document submitted.
- Adding a link 'Mass Unblocking of Blocked DCRs' in the front end
- Directing to a new page 'unlockusers' when clicked on the link
- Mapped pages in Users module for DCR mass unblocking feature
- Employee code -checked code to find from which table the data is being fetched
- Filing leave from the frontend.
- Made changes in the frontend

fixed the issue of redirecting to a wrong page- When the user is unblocked and when the user logs in to the site ->dcr ->dcr listing->file blocked dcr->clicks on that date it is directed to next page where a 'back' button is present which when clicked was redirecting to a wrong page (Listview) . When clicked on back button it should redirect to the previous page i.e.ListViewnew page

- Unit testing of DCR unlocking feature

Week 3

- Submitted the unit test cases for DCR Unlocking feature
- Understanding Admin Hierarchy Report and Individual MIS Report
- Requested the pages required for Admin Hierarchy Report and Individual MIS Report
- Made changes in Admin Hierarchy Report- Changes in the .xls file which gets fetched when clicked on 'Create XL' button(changed District field name to Region)
- Made changes in Individual MIS Report- Changes in the .xls file which gets fetched when clicked on 'Create XL' button(changed District field name to Region)
- Checked whether the generated report matches with the .xls report downloaded when clicked on 'Create XL' button.
- Added label 'User Type' with dropdown menu in Expense Report->Field Expense Summary and did validation for the same
- Checked in Admin Hierarchy Report if the generated report matches in same order with the downloaded report(Create XL)
- Checked in Individual MIS Report if the generated report matches in same order with the downloaded report(Create XL)
- Changes in Individual MIS Report(sorting downloaded(Create XL) report in the same order as generated report.
- Added label 'User Type' with dropdown menu in Expense Report->Day Wise Expense Report and did validation for the same
- Added employee code label with text field in Expense Report->Field Expense Summary
- Added employee code label with text field in Expense Report->Day Wise Expense Report
- SFA Training video- access from system admin
- 5)Disabled employee code label and text field from all profiles other than profileid=1 (salesadmin)
- writing algorithm for field expense summary on various conditions(validation)
- 5)implementing the validations (completed one validation)
- completed validation conditions in field expense summary
- worked on user type field (active,resigned)

Week 4

- Worked on report module-> Expense reports-> field expense summary
- Made usertype working i.e after entering all other details and on selecting a particular usertype(active or resigned) the report gets generated

- took ftp and db access of site for another site
- Uploaded the html and php page of field expense summary and made usertype working i.e after entering all other details and on selecting a particular usertype(active or resigned) the report gets generated for field expense summary on site
- Added label 'User Type' with dropdown menu(active,resigned) in Expense Report->Day Wise Expense Report
- Added employee code label with text field in Expense Report->Day Wise Expense Report
- Implementing validation conditions on selection of fields in day wise expense summary
- Made usertype working i.e after entering all other details and on selecting a particular usertype(active or resigned) the report gets generated for day wise expense summary report
- Working of fetching data by entering employee code
- Tested various cases to generate report to check working of previous completed task
- Made CreateXL button working on field expense summary
- Made active and resigned usertype working for day wise expense summary
- Fetching of data by entering employee code in day wise expense summary
- Fetching data by entering employee code by selecting a particular user type i.e either active or resigned for day wise field expense summary
- Downloading of report having data based when clicked on CreateXL button for day wise expense summary
- Working under expense module
- Understanding expense module
- Rename current expense to claimed expense
- to add a column named approved expense

March

Week 1

- Completed the task under monthly expense
- Fixed the problem which was faced initially of displaying newly added headers(claimed expense, approved expense)
- Approved expense column -displaying the amount in the column only whose status is approved
- Added DCR mass unblocking feature for users having Profile : 6,7,8
- checking/verifying the feature for different users
- prepared a migration details document for approved amount in listing task and dcr unblocking feature task
- understanding mPDF functions
- Worked on PDF task

Week 2

- Worked on Enabling copy paste task
- Analysis of site(Planner-> Monthly Sales Plan)
Took FTP and DB access for site
- Adding a new column in form as total and bifurcating it into total achieved value and total expected business value
- front end changes

Week 3

- SRS document (My Priority List Visit)
- worked on report module- added pages in frontend
- front end changes, validations.
- excel file modifications
- went through code for manager part
- analysis of code for different profiles
- migration details

Week 4

- Tracing and analysing pages used for Forgot Password feature
- Forgot Password Feature -Page Redirection
- Understanding the existing feature
- Worked on Password Reset feature
- Prepared migration details for it

Week 5

- Took ftp access for site
understanding the task of content changes on site(60 mins meet on task explanation)
- Worked on content changing task

April

Week 1

- Stockist Creation and Listing module(understanding)
- Went through SRS document of Stockist Creation and Listing module
- Stockist Creation and Listing module ppt

Week 2

- Understanding the existing listing and search feature

- Tracing pages and understanding code part of existing feature
- Git tutorial

Week 3

- Worked on the Listing part of Stockist Listing & Search feature.
- Git tutorial
- Installation- Git, Angular, Laravel

Week 4

- Worked on Search part of Stockist Listing & Search feature.
- fetched status in status column
- fetched pendingwithid data in pending with column
- Added Delete link next to Edit link in Action column
- Angular tutorial
- Reviewed the Stockist search task
- checked and verified if Role dropdown is correct by logging in to RM user
- Angular tutorial

May

Week 1

- submitted test cases on stockist search part
- working on Action (Edit)
- working on Action (Delete)
- working on Action(View)
- angular tutorial
- gitlab setup
- Project setup(Angular)
- watched videos to resolve dependencies error
- Resolved the error
- Went through SalesApp
- Went through working of Home page (understanding code)
- checked the code to understand the working of SalesApp

Week2

- Understanding Routing used in WallaceSalesApp
- Checked the code to figure out functioning of SalesApp

- Angular tutorial and coding
- Cloned SalesPerformanceDashboard and did the backend setup
- Laravel tutorials
- Understanding frontend and backend inSalesApp
- Installed postman

Week 3

- Controllers in Laravel
- MVC concept
- Laravel tutorial and coding
- Understanding API
- DB access of SalesApp
- Cloned the project and did Backend setup of another project
- Uninstalling xampp and reinstalling xampp version 7.4.1
- Understanding Postman
- Went through the code and tried to make different api calls on postman with local code.
- Made some more api calls on postman with local code
- got lower level user to login and continue with the task, understanding how to trace a particular function through api , trace objects ,trace controllers , logged in to lower level user and checked front end specifically home-primary block and positionwise block
- Went through some of the Controllers
- echoed the query in getPrimarySales function ,found the main query ,checked in postman and and ran it on navicat
- checked monthwise function to trace net sale value and target value
- Understanding the different parameters(query & calculations) in position wise block
- checked monthwise api on postman, went through monwiseDetails function
- understanding netsale val , target value , ach % how and where it is getting fetched, checked in primaryDataBlock ,checked in frontend code

Week 4

- went through monthwise function
- understanding getprimarysalesnew function in order to understand Primary sales
- understanding gettargetsalesNew function in order to understand target function
- went through gettargetsalesNew function and echoed query of targetsales in postman and checked the query (understanding), checked the table used for it
- echoed query of primarysales in postman and checked the query (understanding),

- checked the table used for it, checked the code for achieved %, checked the code for growth
- went through secondary sales (frontend)
- tested all the api present for secondary sales in frontend, traced secondary-monthwise api through api.php page, traced secondary-positionwise api through api.php page
- understanding monthwiseDetails function present in SecondaryController
- went through positionwiseDetails present in SecondaryController
- positionDetails, getSecondarySale, achieved, targetsales , growth, pr_to_primary(for secondary sales)
- echoed and checked the main query used for secondary sales(understanding)
- Understanding the user details sections
- finding user details section in front end code (left side user details)
- understanding user details section present in the front end code (left side) and finding out the backend code (api call)
- finding user details section in front end code (right side user details)
- understanding user details section present in the front end code (right side)

June

- Migration Document & Report

OVERALL EXPERIENCE AT AIPL

My Internship Period has been amazing which taught me a lot about the Information Technology Industry. Last five months in this Company have been truly an amazing and great experience to work. 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. I made many new friends here 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. As my internship draws to a close and I reflect back on all I have learned, I realise 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.

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 honoured for being a part of Anant Infomedia Pvt. Ltd.

TERMINOLOGIES

MR: Medical Representative

DCR: Daily Call Reporting

MTP: Monthly Tour Plan

MSP: Monthly Sales Plan

RM: Regional Manager

ZM: Zonal Manager

BE: Business Executive

DT: Distribution Team

SA: SalesAdmin

REFERENCES

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