

# Report of Internship done at Anant Infomedia Pvt Ltd

An Internship Report for

Course code and Course Title: CSA-652 & Industry Internship

Credits: 16

Submitted in partial fulfilment of Master's Degree

Master of Computer Application

by

**SHEETAL MADHAV RAGHMODE**

Seat Number: 2234

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PRN: 201905609

Under the Mentorship of

**SAMA GHODEKAR**

**Software Developer, Anant Infomedia Pvt. Ltd.**

Goa Business School

Department of Computer Science and Technology



Goa University

Date: June 2024

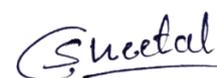
Examined by:

Seal of the School/Dept

### **DECLARATION BY STUDENT**

I hereby declare that the data presented in this Internship report entitled, “Report of Internship done at Anant Infomedia Pvt Ltd” is based on the results of investigations carried out by me in the Master of Computer Application at Anant Infomedia Pvt Ltd, under the mentorship of Ms. Sama Ghodekar and the same has not been submitted elsewhere for the Award of a degree or diploma by me. Further, I understand that Goa University or its Authorities/College will not be responsible for the correctness of observations / Experimental or other findings given the internship report/work.

I hereby authorize the University/college authorities to upload this dissertation on the Dissertation repository or anywhere else as the UGC regulations demand and make it Available to any one as needed.



Sheetal Raghmode

Seat no: 2234

Date:13 June 2024

Place: Goa University

**COMPLETION CERTIFICATE**

This is to certify that the internship report “**Report of Internship done at Anant Infomedia Pvt Ltd**” is a bonafide work carried out by **Ms Sheetal Madhav Raghmode** under my mentorship in partial fulfilment of the requirements for the award of the degree of Master of Computer Application in the Discipline Department of Computer Science and Technology at the Goa Business School, Goa University.

Date:

Signature of Dean of School/HoD

School/Department Stamp

Date:

Place: Goa University

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**ANANT INFOMEDIA PVT. LTD.**

Dated: 05-06-2024

To,

Ms. Sheetal Madhav Raghmode

PR No: 201905609

Flat No. S-2,

Lotlikar Appts Building No.3,

Near Nagamasjid,

Ponda, Goa. 403401

**Subject: Internship Appointment Letter**

**Dear Sheetal Madhav Raghmode,**

This is in response to your application for Internship program at Anant Infomedia private limited. We would like to extend our heartiest congratulation on your selection for internship program with Anant Infomedia private limited based at F3 Minum residency, 4<sup>th</sup> Floor 18 June Road Above HDFC bank Panaji Goa 403001. Your internship duration will be for six months starting from **04<sup>th</sup> January 2024**. During the internship program with Anant Infomedia private limited stipend of 10,000/- (Ten Thousand Only) per month will be paid to you.

After successfully completing internship program with Anant Infomedia, if found suitable Anant Infomedia will offer a regular employment to you.

Once again congratulation on your selection and all the best for your future endeavors.

**Authorized Signatory**

A handwritten signature in blue ink, appearing to read "Thaisen Khan", written over a circular blue stamp.

**(Thaisen Khan)**

**Sr. Manager Admin & Finance.**

**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



www.anant.co.in

**ANANT INFOMEDIA PVT. LTD.**

**TO WHOM IT MAY CONCERN**

This is to certify that **Ms. Sheetal Madhav Raghmode, D/O Madhav Vasant Raghmode**, a student of MCA (Master in Computer Application) Goa University, Taleigao Plateau Goa- 403206 holding **PR No: 201905609** has successfully completed a five months internship at **Anant Infomedia Private Limited** from **04<sup>th</sup> January 2024** to **05<sup>th</sup> June 2024**. During this period, she was found to be punctual, hardworking and inquisitive and has demonstrated exceptional dedication, skill and professionalism.

Kindly note that due to our non disclosure agreement with our clients, we are strictly prohibited from revealing any client details on the projects she has worked on.

We wish her all the best in all her future endeavors.

For, Anant Infomedia Private Limited.

A handwritten signature in blue ink, which appears to be "Anant", is written over a circular blue stamp. The stamp contains the text "ANANT INFOMEDIA PRIVATE LIMITED" around the perimeter and "GOA" in the center.

Authorized Signature

## **ACKNOWLEDGEMENT**

I am sincerely grateful for the invaluable internship opportunity I had with Anant Infomedia Pvt Ltd. It was a remarkable chance for learning and professional growth, for which I feel incredibly fortunate. Being a part of this experience has been truly enriching.

I extend my heartfelt thanks to Ms. Sama Ghodekar (Software Developer, AIPL) and Ms. Shama Naik (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 am also thankful to Ms. Sneha Raikar (Project Manager, AIPL) and Ms. Neha Naik (Software Support Executive, AIPL), for their assistance and guidance during the internship.

My gratitude extends to Mr. Kiran Kulkarni (Director Operations, AIPL) Mr. Thaisen Khan (Sr. Manager Admin & Finance, AIPL) and Ms. Anuja Savoiverenkar (HR Executive, AIPL) for their consistent assistance whenever I needed it.

I am thankful to the faculty of MCA, Goa University, particularly Mr. Hanumant Redkar, Mr. Ramdas Karmali and Mr. Baskar Sundarrajan for their constant encouragement and support during the project work.

I would like to express my deepest appreciation to my family and friends for their unwavering love, support, and encouragement throughout my internship journey.

Finally, a special thanks to the Anant Infomedia family, whose continuous guidance and support have played a significant role in shaping me into a more confident and resilient individual, prepared to tackle any challenges that lie ahead.

## **EXECUTIVE SUMMARY**

This report is a short description of my full-time internship at Anant Infomedia Pvt Ltd, Panjim.

I joined as an Intern at Anant Infomedia Pvt Ltd on 4th January 2024 and have been here since then. This report contains necessary information about the organization, the tasks/assignments and project I worked on in this internship period.

In the chapters that will follow, I will talk about the company, the work here, the culture, etc. Then, I shall elaborate on the projects I worked on, a brief information about the projects, the modules I built and the tasks I completed in those modules.

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

I'll also be talking about the tools and technologies that were used followed by my internship timeline.

I shall conclude by sharing my learning experience and how it has helped me to grow, both, on the personal and professional front.

## CHAPTER 1: COMPANY

### *1.1 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>http://www.repforce.in/</b>

**Anant infomedia private limited** is a product-based company. 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. 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 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**.



## ***1.2 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.

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. It provides 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.

### ***1.3 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.

**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.

## CHAPTER 2: TASKS HANDLED

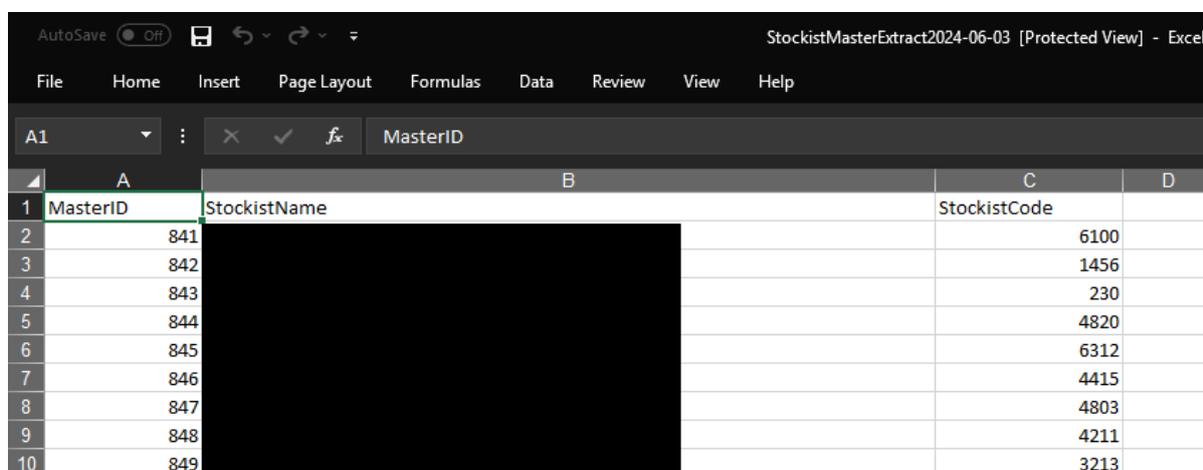
### 2.1 To Create Extract Reports in Report module

#### DATA EXTRACTS

- \*STOCKIST USER-WISE EXTRACT REPORT
- \*STOCKIST MASTER EXTRACT REPORT
- \*PHARMACY MASTER EXTRACT REPORT
- \*PHARMACY USER-WISE EXTRACT REPORT
- \*CITY STATE MASTER EXTRACT REPORT
- \*GROUP TO DIVISION MASTER EXTRACT REPORT
- \*PRODUCT MASTER EXTRACT REPORT
- \*QUALIFICATION MASTER EXTRACT REPORT
- \*SPECIALITY MASTER EXTRACT REPORT
- \*DOCTOR MASTER EXTRACT REPORT
- \*DOCTOR USER-WISE EXTRACT REPORT

Created total 11 data extracts reports under Data Extracts in standard reports

On click of the report name the excel file gets downloaded as show in the figure below.



	A	B	C	D
1	MasterID	StockistName	StockistCode	
2	841		6100	
3	842		1456	
4	843		230	
5	844		4820	
6	845		6312	
7	846		4415	
8	847		4803	
9	848		4211	
10	849		3213	

Prepared Software Requirement Specification (SRS) and Migration documents for all the above data extract reports.

## 2.2 Frontend for Geo Fencing: frontend for admin to activate/ deactivate geo fencing

Created a feature under settings for Salesadmin to Enable geo fencing/ disable geo fencing to the selected users.

### 2.2.1 Search criteria part:

It includes Search Criteria and validation to each search field to search the users based on the selected search criteria.

Search Criteria Fields:

- Division: single/multiple selection is possible
- State: based on the state selected, users belonging to this state will load. This will be an independent option i.e. if any other search criteria are not selected and only state is selected then based on the state selected the users will load.
- Profile: Based on the selected division, profile will load.
- Role: Based on the selected division & profile, Role will load.

Either Division, State or Profile mandatory for search.

**Geo Fencing Exception**

\* Division:   
 BBNNOVA  
 Brown & Burk

\* State:   
 ANDHRA PRADESH  
 ARUNACHAL PRADESH

\* Profile:

Role:

### 2.2.1 Users listing Table:

The users matching the selected search criteria are displayed in the output listing table,

Fields in the output table are as follows:

- Sr. no. – this is the serial number.
- Division – this is the name of the division.
- Employee Code – this is the employee code of the user.
- Designation – this is the Designation of the respective user.
- Employee Name – this is the name of the respective user.
- Status – this is the Geo fencing exception status of the respective user i.e whether the geo fencing exception is given or not.
- Select All – this is the checkbox given to select multiple users at a time.

Now the users can be selected from this table for enabling/disabling geo fencing.

		Enable Geo Fencing	Disable Geo Fencing				
Sr. no.	Division	Employee Code	Designation	Employee Name	Status	Select All	<input type="checkbox"/>
1		100191	TM		Given	<input type="checkbox"/>	
2		100230	BDM		Not Given	<input type="checkbox"/>	
3		100428	TM		Given	<input type="checkbox"/>	
4		100515	TM		Given	<input type="checkbox"/>	
5		101184	BDM		Given	<input type="checkbox"/>	
6		101324	BDM		Not Given	<input type="checkbox"/>	

Single/Multiple or all the users can be selected at once, on click of “Enable Geo Fencing” button one box will appear for entering remarks as shown below.

Remarks are mandatory for enabling geo fencing for the selected users.

After entering remarks, on click of “OK” button geo fencing exception is enabled.



\*Remarks:

OK Close

To disable Geo fencing exception, select the users and click on “Disable Geo Fencing” button.

Prepared SRS, Migration document and testing sheet for the above feature.

## 2.2 Microlabs App version Extract Report

Created this report under data dumps in standard reports under Reports Module

Search:

Type:

On click of Generate button excel file gets downloaded as shown below in the fig.

ind	division	empcode	fullname	designatic	pers_email	office	territory	last_dcr_date	terr_joining_date	version	platfo	mob	filing_type	geofencing_enabled_disable
3	1	71668		SR	AM			01-11-2022	26-01-2019	0				
4	1	129298		TE				31-10-2022	12-07-2022	0				
5	1	129055		TE				02-11-2022	27-06-2022	0				
6	1	125926		TE				31-10-2022	03-01-2022	0				
7	1	118585		TE				31-10-2022	01-02-2020	0				
8	1	129019		TM				02-11-2022	20-06-2022	0				
9	1	107598		TE				02-11-2022	05-06-2017	0				
10	1	126506		TE				01-11-2022	01-02-2022	0				Enabled
11	1	76177		BDM				01-11-2022	01-07-2015	0			Web reporting	Enabled
12	1	126576		TM				02-11-2022	07-02-2022	0				
13	1	11279		BDM				04-11-2022	01-07-2014	0				
14	1	128373		AM				31-10-2022	09-05-2022	0				
15	1	125062		AM				01-11-2022	26-10-2021	0				
16	1	126552		TE				31-10-2022	07-02-2022	0				
17	1	114741		RM				02-11-2022	01-07-2020	0				Disabled
18	1	110988		TM				02-11-2022	07-05-2018	0			Web reporting	Enabled

2.2.1 Fields in the Excel file in the report output are as follows:

- 1) Division – this is the name of the division.
- 2) Empcode – this is the employee code of the user.
- 3) Fullname – this is the full name of the user.
- 4) Designation – this is the designation of the user.
- 5) Personal email – this is the personal email id of the respective user.
- 6) Official email – this is the official email id of the respective user.
- 7) Territory – this is the name of the territory.
- 8) Last Dcr Date – this is the last DCR date of the respective user.
- 9) Territory Joining Date – this is the territory joining date of the respective user.
- 10) Version – this is the app version.
- 11) Platform – this is the name of the operating system.
- 12) Mobile Number – this is the mobile number of the user.
- 13) Filing Type – this is the filing type of the respective user.
- 14) Geo-Fencing Enabled or disabled – this is the status of the geo fencing exception.

Prepared SRS document for the above report.

## 2.3 Brand Matrix Planning

Brand Matrix Planning is a submodule under Tourplans modules for MR(Medical Representative)



### 2.3.1 Brand Matrix Planning Search:

#### Search Criteria Fields

- Year : This will be a single-select drop down field having years.
- Territory : This will be a single-select drop down field having name of Territory.
- Users : This will be a single-select drop down field having name of User.
- Status : This will be a single-select drop down field having status values
- Pending With : This will be a single-select drop down field having name of higher user.

On click of Search button, the records will appear based on the selected search criteria .

**Brand Matrix Planning Search:**

Year:  Territory:  Users:  Pending With:   
 Status:

Note: You can have only one Brand Matrix Request which is independent of year

Fields in the brand matrix planning table are as follows:

- Sr. no. – this is the serial number.
- Year – this is the year for which brand matrix is planned.
- Division – this is the name of the division.
- No. of Drs in List – this is the number of doctors in the list
- No. of Drs Planned – this is the number of doctors planned.
- User – this is the name of the user.
- Status – this is the brand matrix planning status.
- Pending With – this displays the name of the higher user associated with the user
- Operation – this will have edit option for existing brand matrix plan.

Note: You can have only one Brand Matrix Request which is independent of year and cycle

**Brand Matrix Planning Listing:**

Showing 1 - 1 of 1

Sr.No	Year	Division	No. of Drs in List	No. of Drs Planned	User	Status	Pending With	Operation
1	2024	██████████	200	6	██████████	Saved		Edit

**New Brand Matrix:** on click of this button, it will take user to the Doctor Brand Matrix page if the user is planning brand matrix for the first time or else, user will receive a message saying, “Brand Matrix Plan has already been created !!”.

For the existing brand matrix plan the user can click on edit under operation column for editing the brand matrix plan which will navigate to the Doctor Brand Matrix page.

DASHBOARD CHARTS USER MANUALS HR SOP

**Doctor Brand Matrix:**

User Name: Abdulkadir Khan Territory Name: KATHAR-1-T-(T8185) Doctor List:

**Doctor Brand Matrix List:**

Brand Matrix summary

Sr No	Doctor Name	Speciality	Frequency	Area Of Practice	Focussed Brand 1	Focussed Brand 2	Focussed Brand 3	Focussed Brand 4	Focussed Brand 5	Focussed Brand 6
1	Dr. A Z MALLIK	General Surgeon	1 Visit	General surgeon	CUTIWASH	CLARIWIN GROUP	CLARIWIN	CARBOX	Select Brand	Select Brand
2	Dr. A B HASMI	GP NON MBBS	1 Visit	General practise	DOLOPAR-650	DOLOPAR	DOLOBAK	DOLO	Select Brand	Select Brand
3	Dr. A ALI	Consultant Physician	2 Visit	General practise	CLARIWIN GROUP	BIOSTAR GROUP	ALLERCET GROUP	Select Brand	Select Brand	Select Brand
4	Dr. AFSAR ALAM	Chest Physician	2 Visit	General practise	ALLERCET GROUP	BIOSTAR	ALLERCET	BACTOCLAV GROUP	BACTOCLAV	AZILIDE-500
5	Dr. AFTAB ALAM	Others	2 Visit	Ent specialist	EBAST	EROPHYLLINE	ELDOPER	EDAVIT GROUP	Select Brand	Select Brand
6	Dr. ASGAR ALAM	Consultant Physician	2 Visit	General practise	LEVALON	EBAST	DIVON	NOVOLID	Select Brand	Select Brand

Page 1 of 1

Server response time: 2.643183 seconds.

**Doctor Brand Matrix:** This section displays

- User Name
- Territory Name
- Doctor List

To view the entire list of doctors the user can click on Select doctor list dropdown and select entire list option.

**Doctor Brand Matrix List:** This section contains a table with the following fields

- Sr No
- Doctor Name
- Speciality
- Frequency
- Area of practice
- Focussed Brand 1
- Focussed Brand 2
- Focussed Brand 3
- Focussed Brand 4
- Focussed Brand 5
- Focussed Brand 6

And has 4 buttons below the table.

Previous: To navigate to the previous page.

Save: To save the changes made.

Submit: To submit the brand matrix plan.

Next: To navigate to the next page.

On click of Submit button the brand matrix plan goes for approval to the higher-level user.

The higher-level user can either approve or reject the brand matrix plan.

## 2.4 Brand Matrix planning Report

### 2.4.1 Search Criteria field:

- Division – This is a single select and mandatory field.

On click of the Generate button => the excel file gets downloaded

The screenshot shows a search form with the following elements:

- Search:** (Label in red)
- Type:** Brand Matrix Planning Report (Dropdown menu)
- \*Division:** Brown & Burk (Dropdown menu with a list of options: Alizaa, BBNOVA, Brown & Burk)
- Buttons:** Generate and Back

### 2.4.2 Fields in the Excel file in the report output are as follows:

- Serial\_no – this is the serial number.
- Division – this is the name of the division.
- Territoryname – this is the name of the territory.
- Employee\_name – this is the full name of the user.
- Empcode – This is the employee code of the user.
- Designation – this is the designation of the user.
- Status – this is the brand matrix planning status of the respective user.
- Pendingwithname – this is the name of the higher user with whom the brand matrix plan is pending.
- Doctor\_name – this is the name of the doctor associated with the user.
- Specialityname – this is the name of the doctor's speciality.
- Qualification – this is the name of the doctor 's Qualification.
- Area\_of\_practice – this is the doctor 's area of practice.
- focussbrand1 – this is the name of the first focussed brand planned for the respective doctor.
- Focussbrand2 – this is the name of the second focussed brand planned for the respective doctor.

- Focussbrand3 – this is the name of the third focussed brand planned for the respective doctor.
- Focussbrand4 – this is the name of the fourth focussed brand planned for the respective doctor.
- Focussbrand5 – this is the name of the fifth focussed brand planned for the respective doctor.
- Focussbrand6 – this is the name of the sixth focussed brand planned for the respective doctor.

serial_no	division	territoryname	employee_name	empcode	designation	status	pendingwithname	doctor_name	specialityname	qualification	area_of_p
1		BANGALORE-13-T-(T140)	KAMAL SINGH	84427	BDM	Submitted	PramodKumar Thakur	BASVARAJ KOLI	GENERAL PRACTITIONER- NON MBBS	BAMS	GP Non M E
2		BANGALORE-13-T-(T140)	KAMAL SINGH	84427	BDM	Submitted	PramodKumar Thakur	DHANANJAY R	GENERAL PRACTITIONER- NON MBBS	BAMS	GP Non M E
3		BANGALORE-13-T-(T140)	KAMAL SINGH	84427	BDM	Submitted	PramodKumar Thakur	MOHAN KODEKAL	GENERAL PRACTITIONER- NON MBBS	BAMS	GP Non M E
4		BANGALORE-13-T-(T140)	KAMAL SINGH	84427	BDM	Submitted	PramodKumar Thakur	N NAYAK	GENERAL PRACTITIONER- NON MBBS	BAMS	GP Non M E
5		BANGALORE-13-T-(T140)	KAMAL SINGH	84427	BDM	Submitted	PramodKumar Thakur	PRANESH A	GENERAL PRACTITIONER- NON MBBS	BAMS	GP Non M E
6		BANGALORE-13-T-(T140)	KAMAL SINGH	84427	BDM	Submitted	PramodKumar Thakur	RADHAKRISHNA GUPTA	GENERAL PRACTITIONER- NON MBBS	BAMS	GP Non M E

Prepared SRS document and testing sheet for the brand matrix planning submodule.

## 2.5 Brand Exposure Compliance Report

Created this report under standard reports in reports module

**BRAND EXPOSURE COMPLIANCE REPORT**

Search Criteria:

\*Indicates required field

\*Division:  Role:  User Name:

\*Month:  \*Year:

### 2.5.1 Search Criteria fields:

- Division – This will be a single-select drop down field having division names.
- Role – This will be a single-select drop down field. It will be loaded based on division selected
- User Name – This will be a single-select drop down field. It will be loaded based on division and role selected
- Month – This will be a single-select dropdown field having months.
- Year - This will be a single-select dropdown field having year values.

Division, Month and Year selection is mandatory for generating excel file

On click of the Create XL button => the excel file gets generated.

BrownBurk\_Brand\_ExposureCompliance\_Report\_12024 is Generated Successfully! Click the link to download the report

[BrownBurk\\_Brand\\_ExposureCompliance\\_Report\\_12024](#)

Server response time: 7.673006 seconds.

On click of the report name => the excel file gets downloaded.

Division	Emp_Code	Emp_Name	Designation	Territory_Code	Territory_Name	Doctor_Name	Speciality	Qualificat	Area_of_Practice	Visit	TM_Visit_Date	P1_as_p
	112697	AbdulKadir Khan	TTE	T8185	KATIHAR-1-T-(T8185)	DINESHKUMAR	GENERAL PRACTITIONER- NON MBBS	RMP	GP Non MBBS	2	01-01-2024	ALLERCE
	112697	AbdulKadir Khan	TTE	T8185	KATIHAR-1-T-(T8185)	AZMALLIK	CARDIOLOGIST	MBBS, MS	Surgeon	1	03-01-2024	BIOSTAF
	112697	AbdulKadir Khan	TTE	T8185	KATIHAR-1-T-(T8185)	DLIPKUMAR	CONSULTANT PHYSICIAN	MBBS, MD	Consulting Physician	2	03-01-2024	BIOSTAF
	112697	AbdulKadir Khan	TTF	TR185	KATIHAR-1-T-(TR185)	DIJADRAIA	GENERAL PRACTITIONER- NON MBBS	RAMS	GP Non MBBS	1	04-01-2024	BIOSTAF

## 2.6 Fortnightly Expense

Build this submodule under Expense module which is responsible for Generating and submission of expense statements every fortnight.

This feature is present under Expense module for MR, SS, SM, SMM/CM.

### 2.6.1 Search Criteria

Search Criteria Fields as follows:

- Role : This will be a single-select drop down field having roles.
- User Name : This will be a single-select drop down field having name of user.
- Status : This will be a single-select drop down field having status values
- TE No : This will be input field for entering TE number.

On click of Search button, the records will appear based on the selected search criteria .

**Expense Search:**

Role: <input type="text"/>	User Name: <input type="text"/>
Status: <input type="text"/>	TE No.: <input type="text"/>

### 2.6.2 Expense List

Fields in the Expense Listing table are as follows:

- Sr. no. – this is the serial number.
- TE No – this is the TE number.
- From Date – this is the start date of the fortnight.
- To Date – this is the end date of the fortnight.
- Requester Name – this is the name of the user who has submitted the expense statement.
- Submission Date – this is the date of submission.
- Status – this is the fortnightly expense statement status.
- Pending With – this displays the name of the higher user associated with the user
- Approved Date – this is the date of approval.

**Expense List:**

Sr No	TE No.	From Date	To Date	Requester Name	Submission Date	Status	Pending With	Approved Date
1	GG1606221049	16-06-2022	30-06-2022		23-05-2024	Approved		23-05-2024
2	GG0106221049	01-06-2022	15-06-2022		21-05-2024	Approved		23-05-2024
3	GG0104221049	01-04-2022	15-04-2022		29-05-2024	Approved		30-05-2024
4	GG1603221049	16-03-2022	31-03-2022		30-05-2024	Approved		01-06-2024
5	GG0103221049	01-03-2022	15-03-2022		08-05-2024	Approved		08-05-2024
6	GG1602221049	16-02-2022	28-02-2022		22-05-2024	Approved		22-05-2024

### 2.6.3 New Fortnightly Expense

**New Fortnightly Expense:** on click of this button, it will display a popup box containing

- Year – This will be a single-select drop down field having years.
- Month – This will be a single-select drop down field having months.
- Start of the Fortnight – This will be a single-select drop down field having fortnight options.

– Expense Search:

Role:

Status:

– Expense List:

Showing 1 - 6 of 6

Sr No	TE No.	From Date	To Date	Requestor Name
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**NEW Button** – on click of this button it will take user to the Expense statement page.

In the first fortnight expense statement following expenses will be covered of first 15 days:

- Fare as per approved SFC
- Lunch expense
- Night Out expense
- Daily expense

Expense Statement For: ESTHER BERNARD (June-2022)(First Fortnight) Employee Code: 1049

Date	Day	Town Worked	HQ./EX.HQ./O.S./EX.O.S./H.S/Meeting/Transit	Fare as per apprd. SFC	Lunch Expense	Night out Expense	Daily Expense	Total Expenses Kshs.
11-06-2022	Sat	NAIROBI - NAIROBI			0	0	0.00	
12-06-2022	Sun							
13-06-2022	Mon	NAIROBI - NAIROBI	HQ		0	0	2,300.00	23
14-06-2022	Tue	NAIROBI - GARISSA NAIROBI - MOMBASA NAIROBI - NACHAKOS NAIROBI - NAROK	EX-HQ	5200	0	0	2,300.00	75
15-06-2022	Wed	NAIROBI - NAIROBI	HQ		0	0	2,300.00	23
<b>GRAND TOTAL</b>				<b>5,200.00</b>	<b>800.00</b>	<b>0.00</b>	<b>17,250.00</b>	<b>23,250.00</b>

Kshs.  
**TOTAL OF FARE & EXPENSES 23250**

Server response time: 0.736758 seconds.

In the second fortnight expense statement following expenses will be covered of second half of the month (16<sup>th</sup> till end of the month):

- Fare as per approved SFC
- Lunch expense
- Night Out expense
- Daily expense
- INTERNET/ PHONE
- CME/SALES PROMOTION
- PARKING TICKETS
- AVENUE HOSPITAL CO-PAY

/ Transit										
26-06-2022	Sun									Holiday
27-06-2022	Mon	NAIROBI - NAIROBI	HQ			0		0	2,300.00	23
28-06-2022	Tue	NAIROBI - NAIROBI	HQ			0		0	500.00	5
29-06-2022	Wed	NAIROBI - MACHAKOS NAIROBI - NAROK	EX-HQ	1500		0		0	2,300.00	38
30-06-2022	Thu	NAIROBI - NAIROBI	HQ			0		0	500.00	5
<b>GRAND TOTAL</b>				<b>17,000.00</b>	<b>1,200.00</b>	<b>4,000.00</b>	<b>15,400.00</b>	<b>37,600.00</b>		

Expense Type	Kshs.
INTERNET / PHONE	<input type="text"/>
CME/SALES PROMOTION	<input type="text"/>
PARKING TICKETS	<input type="text"/>
AVENUE HOSPITAL CO-PAY	<input type="text"/>

Kshs.	
TOTAL OF FARE & EXPENSES	37600
OTHER MONTHLY EXPENSES	0.00
<b>TOTAL</b>	<b>37600</b>

**GRAND TOTAL 37600**

Server response time: 0.980697 seconds.

**Submit Button** – on click of this button the fortnightly expense statement will be submitted.

The fortnightly expense statement will go for one level approval.

The higher-level user can make additions or deductions to the expenses claimed by the user.

**Back Button** – on click of this page it will navigate to the expense listing page.

Once the expense statement is approved, the user can see the detail view of expense statement by clicking on the from date value from the expense listing table.

Detail view of first fortnightly expense statement is as follows:

Expense Statement For: ESTHER BERNARD (June-2022)(First Fortnight)

User	Employee Code	Territory Name	Status	Date
	1049	NRB-CENTA-Z4	Submitted	21-05-2024
	125	NRB-CENTA-SS	Approved	23-05-2024

[Print Expense Statement](#)

Date	Day	Town Worked	HQ./EX.HQ./O.S./EX.O.S./H.S/Meeting /Transit	MSR Fare as per appr. SFC Kshs.	Lunch Expense	Night out Expense	Daily Expense	Total Expenses Kshs.	Remarks	Amount Addition (if any)MSR	Amount Deduction (if any)MSR	Remarks
12-06-2022	Sun			0.00	0.00	0.00	0.00	0.00		<input type="text" value="0.00"/>	<input type="text" value="0.00"/>	
13-06-2022	Mon	NAIROBI - NAIROBI	HQ	0.00	0.00	0.00	2300.00	2300.00		<input type="text" value="0.00"/>	<input type="text" value="0.00"/>	
14-06-2022	Tue	NAIROBI - GARISSA NAIROBI - MOMBASA NAIROBI - MACHAKOS NAIROBI - NAROK	EX-HQ	5200.00	0.00	0.00	2300.00	7500.00	Testing	<input type="text" value="0.00"/>	<input type="text" value="0.00"/>	
15-06-2022	Wed	NAIROBI - NAIROBI	HQ	0.00	0.00	0.00	2300.00	2300.00		<input type="text" value="0.00"/>	<input type="text" value="0.00"/>	
<b>GRAND TOTAL</b>				<b>5,200.00</b>	<b>800.00</b>	<b>0.00</b>	<b>17,250.00</b>	<b>23,250.00</b>		<b>3,000.00</b>	<b>250.00</b>	

<b>Total as Above Kshs. (MSR)</b>	23250.00	<b>Revised Total as Above Kshs. (SS)</b>	26000.00
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<b>GRAND TOTAL As Per Kshs.MSR</b>	<b>23250.00</b>	<b>GRAND TOTAL As Per Kshs. SS</b>	<b>26000.00</b>
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Server response time: 1.078038 seconds.

Detail view of second fortnightly expense statement is as follows:

Date	Day	Town Worked	/O.S./EX.O.S./H.S/Meeting/Transit	per apprd. SFC Kshs.	Lunch Expense	Night out Expense	Daily Expense	Total Expenses Kshs.	Remarks	Kshs. (if any)MSR	Kshs. (if any)MSR	Remarks
26-03-2022		NAIROBI - NAIROBI		0.00	0.00	0.00	0.00	0.00		0.00	0.00	
27-03-2022	Sun Holiday			0.00	0.00	0.00	0.00	0.00		0.00	0.00	
28-03-2022	Mon	NAIROBI - NAIROBI	HQ	0.00	0.00	0.00	500.00	500.00		0.00	0.00	
29-03-2022	Tue	NAIROBI - NAIROBI	HQ	0.00	0.00	0.00	500.00	500.00		0.00	0.00	
30-03-2022	Wed	NAIROBI - NAIROBI	HQ	0.00	0.00	0.00	500.00	500.00		0.00	0.00	
31-03-2022	Thu	NAIROBI - NAIROBI	HQ	0.00	0.00	0.00	500.00	500.00		0.00	0.00	
<b>GRAND TOTAL</b>				<b>600.00</b>	<b>400.00</b>	<b>6,000.00</b>	<b>4,300.00</b>	<b>11,300.00</b>		<b>100.00</b>	<b>100.00</b>	

Expense Type	Kshs.	Addition (SS)	Deduction (SS)	Remarks (SS)	Total as Above Kshs. (MSR)	Revised Total as Above Kshs. (SS)	Total as Above Kshs. (MSR)
INTERNET/ PHONE					11300.00	11300.00	11300.00
CME/SALES PROMOTION					0.00	0.00	0.00
PARKING TICKETS							
AVENUE HOSPITAL CO-PAY							
<b>TOTAL Kshs. (MSR)</b>					<b>11300.00</b>	<b>11300.00</b>	<b>11300.00</b>

<b>GRAND TOTAL As Per Kshs. MSR</b>	<b>11300.00</b>	<b>GRAND TOTAL As Per Kshs. SS</b>	<b>11300.00</b>
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Server response time: 1.167057 seconds.

On Click of the Print Expense Statement, the expense statement pdf gets downloaded.

By Clicking on “Approved” from status column, details such as usernames, status, approved date, submission date, addition amount by manager, deduction amount by manager and the grand total gets displayed as follows:

User	Status	Date
[REDACTED]	Submitted	21-05-2024
	Approved	23-05-2024

	MSR	SS	
		Addition	Deduction
	23250.00	3000	250
<b>Grand Total</b>	<b>23250.00</b>		<b>26000.00</b>

First fortnight expense will be submitted on 16<sup>th</sup> of every month.

Second fortnight expense will be submitted on end day of every month.

And if the users misses to submit the expense statement on the due date, he will have to take exception from the salesadmin to submit it at any later date.

## 2.7 Fortnightly Expense Exception

Fortnightly Expense submission exception frontend, this feature is present under settings for salesadmin.

### 2.7.1 Search Criteria

Fortnightly Expense Submission Exception

Search Criteria:

\* Select Division:

\* Role:

\* User:

\* Month:

\* Year:

\* Expense Type:

Server response time: 0.416168 seconds.

#### Search Criteria Fields

- Division: single selection is possible
- Role: single selection is possible.
- User: single/multiple selection is possible, based on the selected role, users will load.
- Month: single selection is possible.
- Year: single selection is possible.
- Expense Type: Contains two options (First Fortnight, Second Fortnight).

Selection of all the search criteria fields is mandatory for giving/removing exception

**Give Exception:** on click of this button, for the selected users fortnightly expense submission exception is provided.

**Remove Exception:** on click of this button, for the selected users fortnightly expense submission exception is removed.

**Back:** on click of this button, it will navigate to the settings page.

Prepared SRS document, migration documents and testing sheet for fortnightly expense submodule and fortnightly expense submission exception frontend.

## 2.8 Fortnightly Expense Report

Created this report under report module.

### 2.8.1 Search Criteria:



Fortnightly Expense Report  
Search Criteria:

Division:  From Date:  To Date:

Create XL Back

Server response time: 0.239789 seconds.

Search Criteria fields:

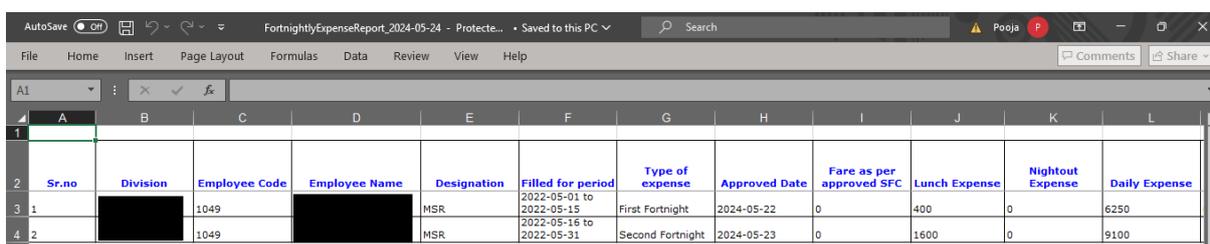
- Division – This will be a single-select drop down field having division names.
- From Date – to select from date.
- To Date – to select to date.

All the search criteria fields are mandatory for create XL.

2.8.2 Fields in the Excel file in the report output are as follows:

- Sr.no - this is serial number.
- Division - division of the employee
- Employee Code - user employee code
- Employee Name - user employee name
- Designation - designation of the employee
- Filled for period - period example: 1st to 15th March 2024 / 16th to 31st March 2024
- Type of expense - fortnightly expense type
- Approved Date - approval date of the expense statement
- Fare as per approved SFC - total fare claimed as per approved SFC
- Lunch Expense - Total Lunch expense claimed
- Nightout Expense - Total Nightout expense claimed
- Daily Expense - Total Daily expense claimed
- Internet / Phone - Internet / Phone claimed
- CME / Sales Promotion - CME / Sales Promotion claimed
- Parking Tickets - parking tickets claimed
- Avenue Hospital CO-PAY - Avenue Hospital CO-PAY claimed
- Amount Claimed - total amount claimed by the user
- Amount Additions(if any by manager)
- Amount Deductions(if any by manager)
- Amount Approved - total amount approved by the manager

On click of Create XL button, excel file gets downloaded as shown below.



Sr.no	Division	Employee Code	Employee Name	Designation	Filled for period	Type of expense	Approved Date	Fare as per approved SFC	Lunch Expense	Nightout Expense	Daily Expense
1		1049		MSR	2022-05-01 to 2022-05-15	First Fortnight	2024-05-22	0	400	0	6250
2		1049		MSR	2022-05-16 to 2022-05-31	Second Fortnight	2024-05-23	0	1600	0	9100

## **Software and Technologies Used**

### **HTML 5 (HyperText Markup Language)**

HTML5 is the latest version of the HTML standard, published by the World Wide Web Consortium (W3C) in 2014. It introduces new features like native support for video and audio embedding, canvas elements for drawing, and improved form controls, making it more efficient for multimedia content delivery.



### **CSS 3 (Cascading Style Sheets)**

CSS3 is a style sheet language used to control the presentation of HTML documents. It enables web designers to specify layout, colors, fonts, and other visual aspects of a web page. With CSS3, developers can create responsive designs that adapt to different screen sizes and devices.



### **Bootstrap**

Bootstrap is a popular front-end framework for developing responsive and mobile-first websites. It provides a set of pre-designed HTML and CSS templates for common UI components like buttons, forms, navigation bars, and more. Bootstrap also includes JavaScript plugins for enhanced interactivity and functionality.



### **JavaScript**

JavaScript is a versatile programming language commonly used for web development. It runs on the client side, enabling dynamic and interactive web pages. JavaScript is essential for tasks like form validation, DOM manipulation, event handling, and asynchronous data retrieval (Ajax).



### **Ajax (Asynchronous JavaScript and XML)**

Ajax is a set of web development techniques that allow web pages to update content asynchronously without reloading the entire page. It uses a combination of HTML, CSS, JavaScript, and XML/JSON to send and retrieve data from a server in the background, providing a smoother and more responsive user experience.



## MySQL

MySQL is an open-source relational database management system (RDBMS) known for its reliability, scalability, and performance. It uses SQL (Structured Query Language) for data manipulation and retrieval. MySQL is widely used in web development for storing and managing dynamic content, such as user data, product catalogs, and session information.



## jQuery

jQuery is a fast, lightweight, and feature-rich JavaScript library that simplifies HTML document traversal and manipulation, event handling, animation, and Ajax interactions. It provides an easy-to-use API for cross-browser compatibility and enhances the productivity of web developers.



## PHP (Hypertext Preprocessor)

PHP is a server-side scripting language commonly used for web development. It is embedded within HTML documents and executed on the web server to generate dynamic web pages. PHP is versatile and integrates seamlessly with various databases, including MySQL, making it suitable for building dynamic websites and web applications.



## FileZilla

FileZilla is a free, cross-platform FTP (File Transfer Protocol) application used for transferring files between a client and a server. It supports FTP, FTPS (FTP over SSL/TLS), and SFTP (SSH File Transfer Protocol), providing a secure and reliable method for file exchange.



## Navicat

Navicat is a graphical database management and development software that supports multiple database platforms, including MySQL, MariaDB, MongoDB, Oracle, SQLite, and Microsoft SQL Server. It offers an intuitive user interface for database administration, querying, design, and data synchronization, catering to the needs of database administrators, developers, and businesses.



## Visual Studio Code

Visual Studio Code is a source code editor developed by Microsoft for Windows, Linux and macOS. It includes support for debugging, embedded Gitcontrol, syntax highlighting, intelligent code completion, snippets, and code refactoring.



## Internship Timeline

Day	Task
4 <sup>th</sup> to 6 <sup>th</sup> Jan	<ul style="list-style-type: none"> <li>• FileZilla, Navicat and VPN setup,</li> <li>• Attended a SFA training session and created a understanding document on SFA.</li> <li>• Went through the understanding doc and development site and tried different operations on it.</li> </ul>
8 <sup>th</sup> to 13 <sup>th</sup> Jan	<ul style="list-style-type: none"> <li>• Created Stockist User-Wise Extract Report under Standard Report and prepared SRS and Migration document on it.</li> <li>• Found out the query used to display the pharmacy listings under customers module, created Pharmacy User-Wise Extract Report in standard reports and prepared SRS and Migration document on it.</li> </ul>
15 <sup>th</sup> to 20 <sup>th</sup> Jan	<ul style="list-style-type: none"> <li>• City state master extract reports and it's SRS and Migration document</li> <li>• Group to division master extract report and it's SRS and Migration document</li> <li>• Created Product Master Extract report, Qualification Master Extract report and Speciality Master Extract report and their SRS and Migration docs.</li> <li>• Worked on DCR summary report issue and found out the query used to generate the report.</li> </ul>
22 <sup>nd</sup> to 25 <sup>th</sup> Jan	<ul style="list-style-type: none"> <li>• created frontend for the geo-fencing exception and completed search criteria part.</li> <li>• construction of list based on search for geo-fencing exception</li> </ul>
30 <sup>th</sup> & 31 <sup>st</sup> Jan	<ul style="list-style-type: none"> <li>• Created geo tagging completion report</li> <li>• prepared SRS and migration doc for geo tagging completion report</li> </ul>
1 <sup>st</sup> to 3 <sup>rd</sup> Feb	<ul style="list-style-type: none"> <li>• Analyzed and made some changes in php file to solve the DCR summary report issue.</li> <li>• Created doctor master extract report</li> <li>• SRS and migration document for doctor master extract report</li> </ul>
5 <sup>th</sup> to 10 <sup>th</sup> Feb	<ul style="list-style-type: none"> <li>• Attended Meeting to understand creating Frontend for Geo Fencing</li> <li>• worked on search criteria part</li> <li>• construction of list based on search criteria's for geo-fencing exception</li> <li>• worked on give/remove exception in geo_fencing_excep</li> <li>• created Microlabs app version extract report under data dumps</li> <li>• Prepared SRS on microlabs app version extract report</li> </ul>
12 <sup>th</sup> to 17 <sup>th</sup> Feb	<ul style="list-style-type: none"> <li>• Found out the query used in doctor listing under customers</li> <li>• Analyzed different files used in brand matrix planning</li> <li>• worked on search criteria part of brand matrix planning</li> <li>• Updated the frontend for geo fencing feature</li> <li>• Prepared testing sheet and updated SRS of frontend for geo fencing</li> </ul>
19 <sup>th</sup> to 24 <sup>th</sup> Feb	<ul style="list-style-type: none"> <li>• Worked on Validations for brand Matrix planning.</li> </ul>

	<ul style="list-style-type: none"> <li>• construction of list for brand Matrix planning.</li> <li>• Created DCR Summary Report under General Reports</li> <li>• brand matrix planning search criteria for profile 5 user</li> </ul>
26 <sup>th</sup> to 29 <sup>th</sup> Feb	<ul style="list-style-type: none"> <li>• analysed and added the files responsible for brandmatrix pdf download</li> <li>• filled brand martix for the user and analyzed the files responsible for displaying doctor details</li> <li>• increased the no of focussed brands to 6 &amp; changed the file to update the doctor details</li> </ul>
1 <sup>st</sup> to 8 <sup>th</sup> March	<ul style="list-style-type: none"> <li>• made changes in validations and solved the issue of brand matrix pdf download</li> <li>• made changes in brandmatrixeditview.php file to store the brand ids in row wise form</li> <li>• modified the queries to display unique doctors in doctor list</li> </ul>
11 <sup>th</sup> to 16 <sup>th</sup> March	<ul style="list-style-type: none"> <li>• created brand exposure compliance report</li> <li>• created brand matrix planning report under data dumps</li> <li>• prepared SRS doc and testing sheet for brand exposure compliance and brand matrix planning report</li> <li>• created doctor user wise extract report</li> </ul>
18 <sup>th</sup> to 23 <sup>rd</sup> March	<ul style="list-style-type: none"> <li>• Analyzed and the updated all the reports with middle names in the username.</li> <li>• Review of brand matrix planning, updated the query to display the total no of docs count value</li> </ul>
27 <sup>th</sup> to 30 <sup>th</sup> March	<ul style="list-style-type: none"> <li>• added Qualification and areaofpractice in both the brand matrix report and increased the no. of brands from 4 to 6</li> <li>• added focusbrandsequence col in brandmatrix table and made the necessary changes to fix the shifting of brands issue</li> <li>• worked on the validations for geo tag report</li> </ul>
1 <sup>st</sup> to 6 <sup>th</sup> April	<ul style="list-style-type: none"> <li>• completed the geo tagging customer dump report and updated the srs of brand matrix planning</li> <li>• updated the max no.of divisions selection in geo tagging customer dump report and prepared SRS for it</li> <li>• made necessary changes in the files to save the details in the expenscategorymaster table and prepared migration document on it</li> <li>• fixed the bugs of brand matrix planning report referring to the test cases</li> </ul>
8 <sup>th</sup> to 13 <sup>th</sup> April	<ul style="list-style-type: none"> <li>• made the necessary changes to fix the bugs from the test cases of brand exposure compliance report</li> <li>• worked on the search criteria part of fortnightly expense</li> <li>• worked on 4 UAT observations of frontend for geo fencing</li> </ul>
15 <sup>th</sup> to 20 <sup>th</sup> April	<ul style="list-style-type: none"> <li>• worked on all the remaining UAT observations of frontend for geo fencing</li> <li>• found out the query used in listing table, made changes in the fortnightlyExpListView.php file to make the new fortnightly expense available for 5,6,7,8 profiles</li> <li>• worked on fortnight expense pop up for creating new fortnightly expense</li> </ul>

	<ul style="list-style-type: none"> <li>• made fortnightly expense form for first fortnight</li> <li>• worked on leaves, holidays and sundays for fortnight</li> </ul>
22 <sup>nd</sup> to 27 <sup>th</sup> April	<ul style="list-style-type: none"> <li>• made fortnightly expense form for the second fortnight</li> <li>• made changes in fortnight expense pop up...added validations...made month dropdown uniform</li> <li>• changed the table names and updated all the files with new table names and worked on the validations</li> <li>• completed working of submit button with validations</li> </ul>
2 <sup>nd</sup> to 4 <sup>th</sup> May	<ul style="list-style-type: none"> <li>• worked on the detail view page</li> <li>• made changes in the expense statement title of edit &amp; detail view page</li> <li>• worked on the approval of expense statement with validations</li> </ul>
6 <sup>th</sup> to 11 <sup>th</sup> May	<ul style="list-style-type: none"> <li>• worked on the print Expense statement in both the fortnights</li> <li>• worked to display the alert in the pending task alert box.</li> <li>• worked on the search criteria part of fortnightly expense submission exception frontend</li> </ul>
13 <sup>th</sup> to 18 <sup>th</sup> May	<ul style="list-style-type: none"> <li>• added validations to all the search criteria fields</li> <li>• Worked on the Give exception button</li> <li>• Prepared SRS for Fortnightly expense submodule and sent mail to the testing team</li> </ul>
20 <sup>th</sup> to 25 <sup>th</sup> May	<ul style="list-style-type: none"> <li>• Worked on the search criteria of fortnightly expense report</li> <li>• wrote query and completed the work of fortnightly expense report</li> </ul>
27 <sup>th</sup> to 31 <sup>st</sup> May	<ul style="list-style-type: none"> <li>• Prepared SRS, Migration document and testing sheet for fortnightly expense submodule, fortnightly expense submission exception frontend and fortnightly expense report.</li> <li>• Fixed all the bugs from the testing document.</li> <li>• Added remove exception button with validations in fortnightly expense submission exception frontend.</li> </ul>

### **CHAPTER 3: LEARNING**

During my five-month internship at AIPL, I got a taste of what working in a company is like. It taught me to take on tasks and put in the effort to get them done.

I learned a lot about how projects are developed and the steps involved. This opened up my mind to the world of software development.

At AIPL, I've learned a lot about how things operate within an organization. From sending emails to apply for leave, obtaining approval for requests, to coordinating testing procedures, there's been a wealth of learning experiences. And I know there's still much more to explore and learn.

I also learned how to create different types of documents, like SRS, migration documents, and testing sheets for the projects I worked on.

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. 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.

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. To conclude, It was a great learning experience and I consider myself honored for being a part of Anant Infomedia Pvt. Ltd.

## **CHAPTER 4: CHALLENGES**

As PHP was a new programming language for me, initially, I found it quite challenging to work with. However, through consistent learning and practice, I gradually familiarized myself with its syntax and functionalities.

Managing Time and Deadlines: Meeting project deadlines while handling multiple tasks was a major challenge. I had to learn effective time management and prioritization to ensure tasks were completed on time. With practice, I improved my skills and became more efficient in meeting project milestones.

## **REFERENCES**

<https://www.w3schools.com/>

<https://stackoverflow.com/>

<https://www.tutorialspoint.com/>

<https://www.youtube.com/>

<https://getbootstrap.com/>

<https://www.php.net/manual>

## Appendix I

### Photos While at Work

