Table of contents

A. User Interface

1. Login

The system has a default username and password. It will be given to the administrator who be using this. Account can be created using the administrator account.

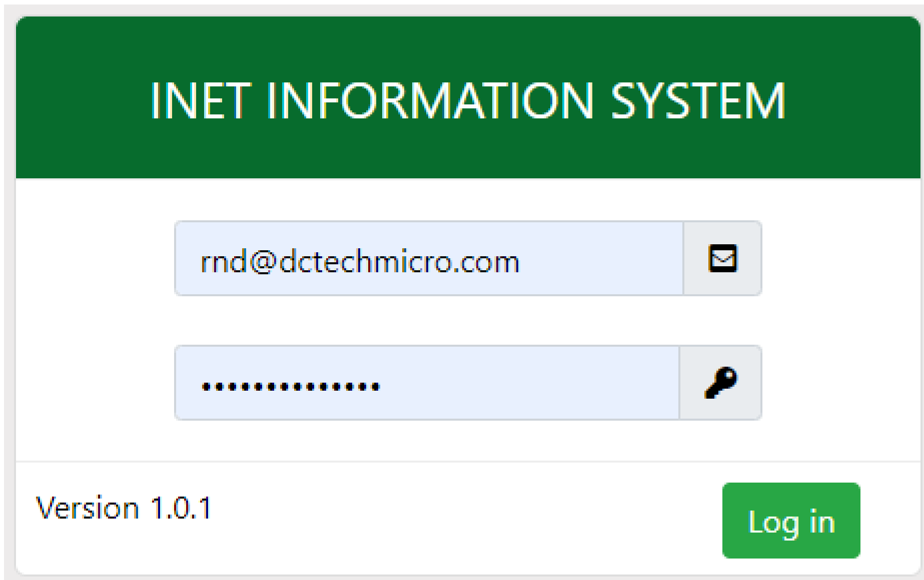


Figure 1 Login Form

2. Managing Account Details

At the right most of the home page, you can click My Profile to view your account's details, Account Settings to update your profile, Suggestions if you have issues or suggestion/recommendation about the system, Help if you need help or info about the website and Log Out to Logged out your account.

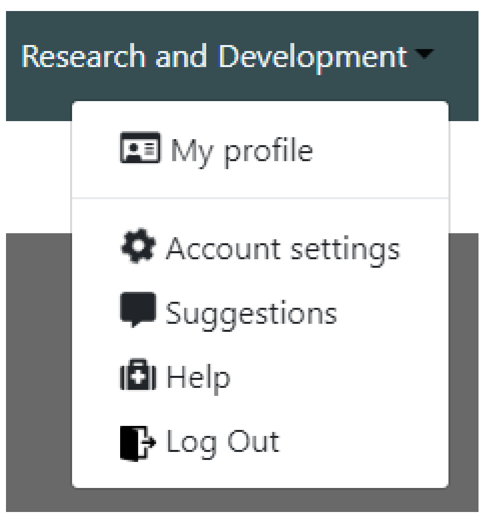


Figure 2 Managing Account

3. Changing Themes

User can change the themes and color of the view just by clicking the right most Setting Symbol of the System.

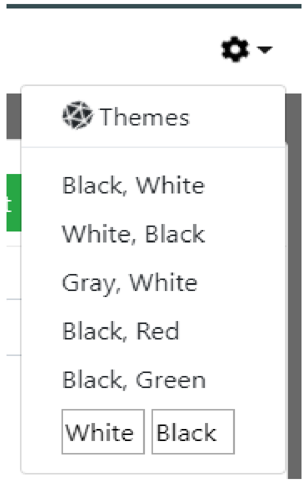


Figure 3 Themes and Color Setting

B. Client Information Interface

1. Create New Client

User can create new client by clicking the Account in navigation bar the drop down menu will show up, there are Add Client in that drop down menu by the time user click it the user will be directed to the add client as shown in fig. 4.
Only the authorize user can create client.

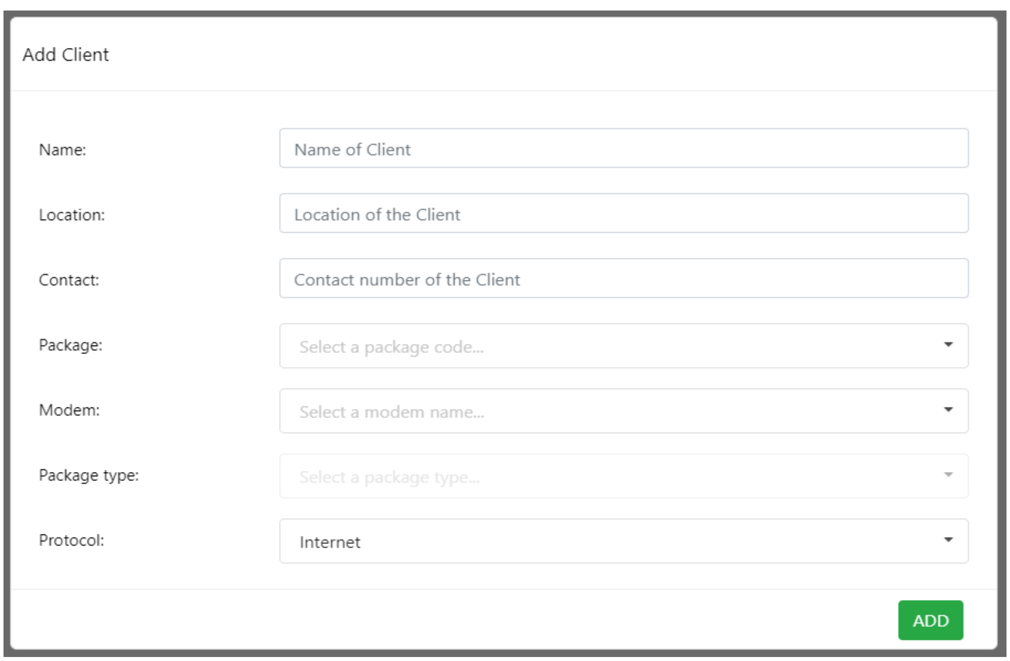
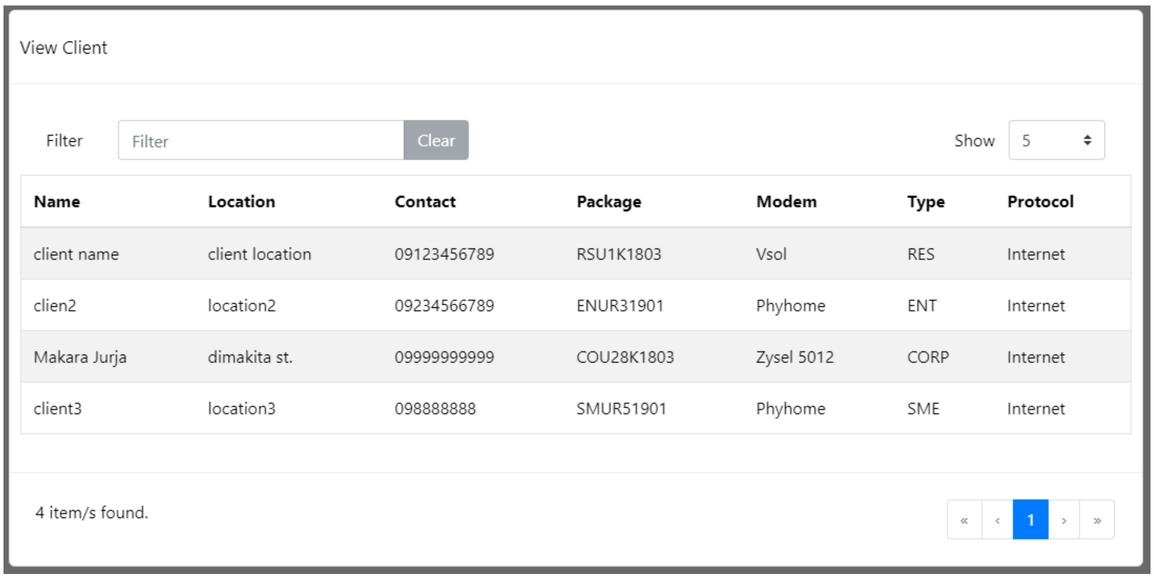


Figure 4 Add Client

2. Manage Client Details

To view all the clients user need to click the Account in navigation bar then the drop down menu will show up, there are View Client in that drop down menu by the time user click it the user will be directed to the view client as shown in fig. 5.

Authorized user can update client details just by clicking the row of the specific client.



Name	Location	Contact	Package	Modem	Type	Protocol
client name	client location	09123456789	RSU1K1803	Vsol	RES	Internet
clien2	location2	09234566789	ENUR31901	Phyhome	ENT	Internet
Makara Jurja	dimakita st.	09999999999	COU28K1803	Zysel 5012	CORP	Internet
client3	location3	098888888	SMUR51901	Phyhome	SME	Internet

Figure 5 View Client

C. Engineer Information Interface

Engineer is use for creating Job Order in Scheduling, user need to set engineer in-charge in creating job order

1. Create new Engineer

User can create new engineer by clicking the Account in navigation bar the drop down menu will show up, there are Add Engineer in that drop down menu by the time user click it the user will be directed to the add engineer as shown in fig. 6.
Only the authorize user can create engineer.

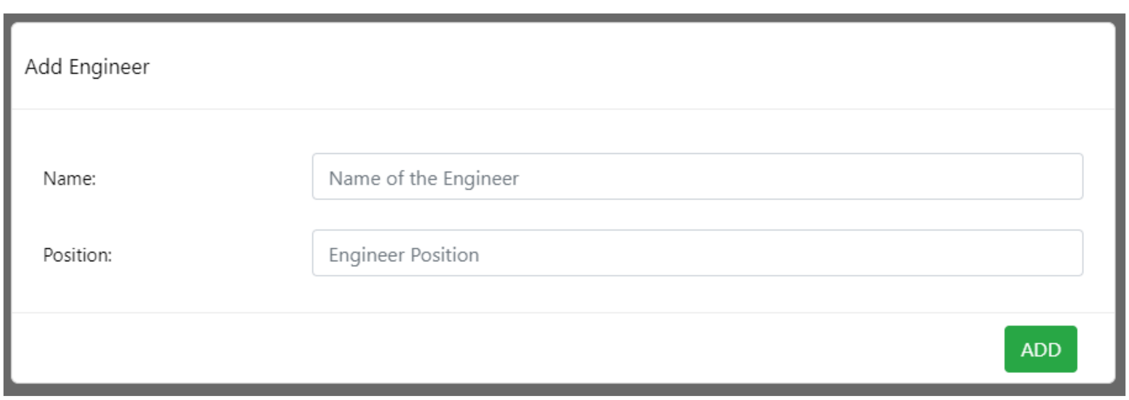
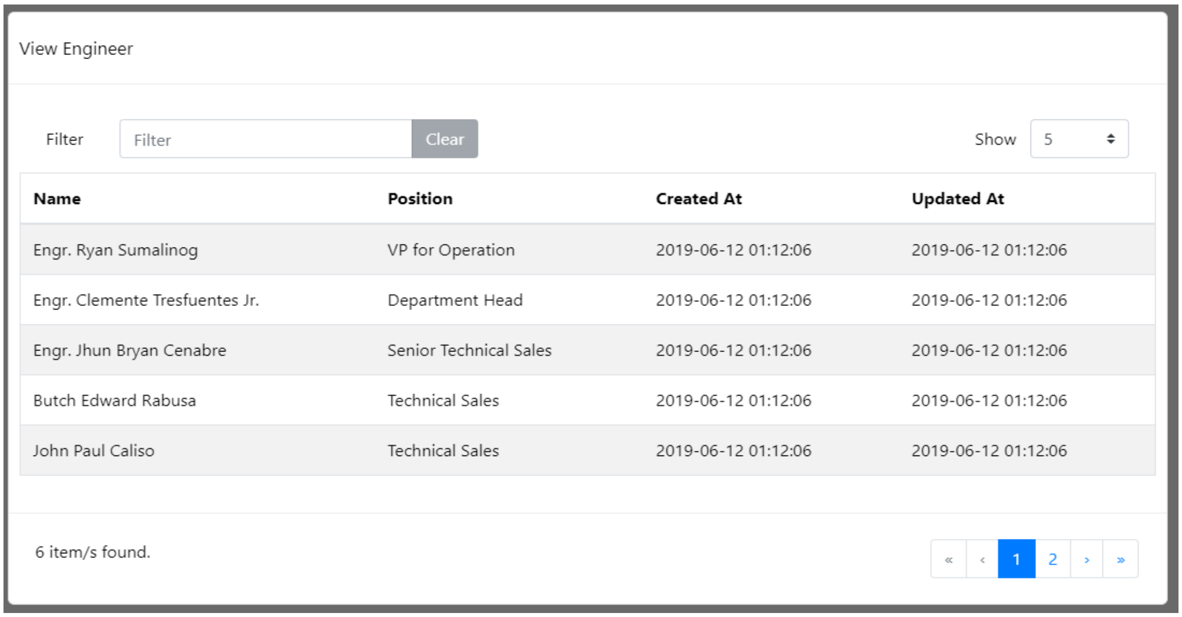


Figure 6 Add Engineer

2. Manage Engineer

To view all the engineers user need to click the Account in navigation bar then the drop down menu will show up, there are View Engineer in that drop down menu by the time user click it the user will be directed to the view engineer as shown in fig. 7.

Authorized user can update engineer details just by clicking the row of the specific name.



Name	Position	Created At	Updated At
Engr. Ryan Sumalinog	VP for Operation	2019-06-12 01:12:06	2019-06-12 01:12:06
Engr. Clemente Tresfuentes Jr.	Department Head	2019-06-12 01:12:06	2019-06-12 01:12:06
Engr. Jhun Bryan Cenabre	Senior Technical Sales	2019-06-12 01:12:06	2019-06-12 01:12:06
Butch Edward Rabusa	Technical Sales	2019-06-12 01:12:06	2019-06-12 01:12:06
John Paul Caliso	Technical Sales	2019-06-12 01:12:06	2019-06-12 01:12:06

Figure 7 View Engineer

D. Sales Information Interface

Sales person is use for creating schedule, user need to set sales in-charge in creating schedule

1. Create New Sales

User can create new sales person by clicking the Account in navigation bar the drop down menu will show up, there are Add Sales in that drop down menu by the time user click it the user will be directed to the add sales as shown in fig. 8.
Only the authorize user can create sales person.

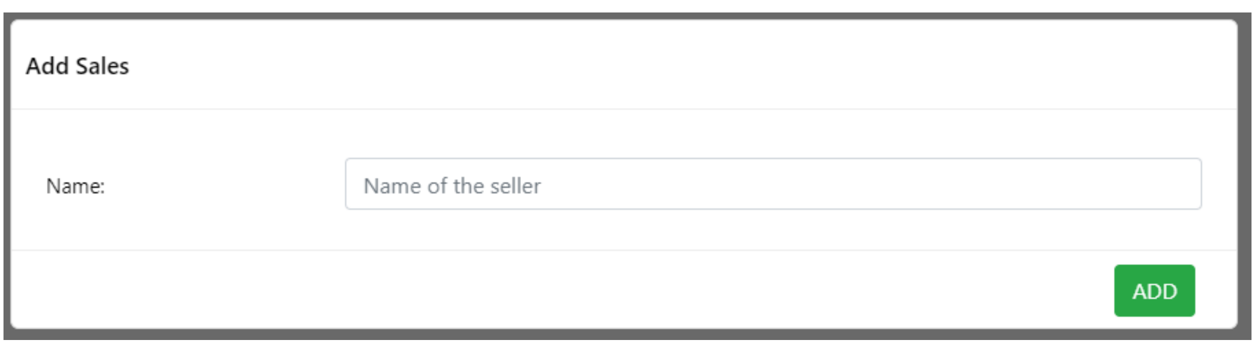
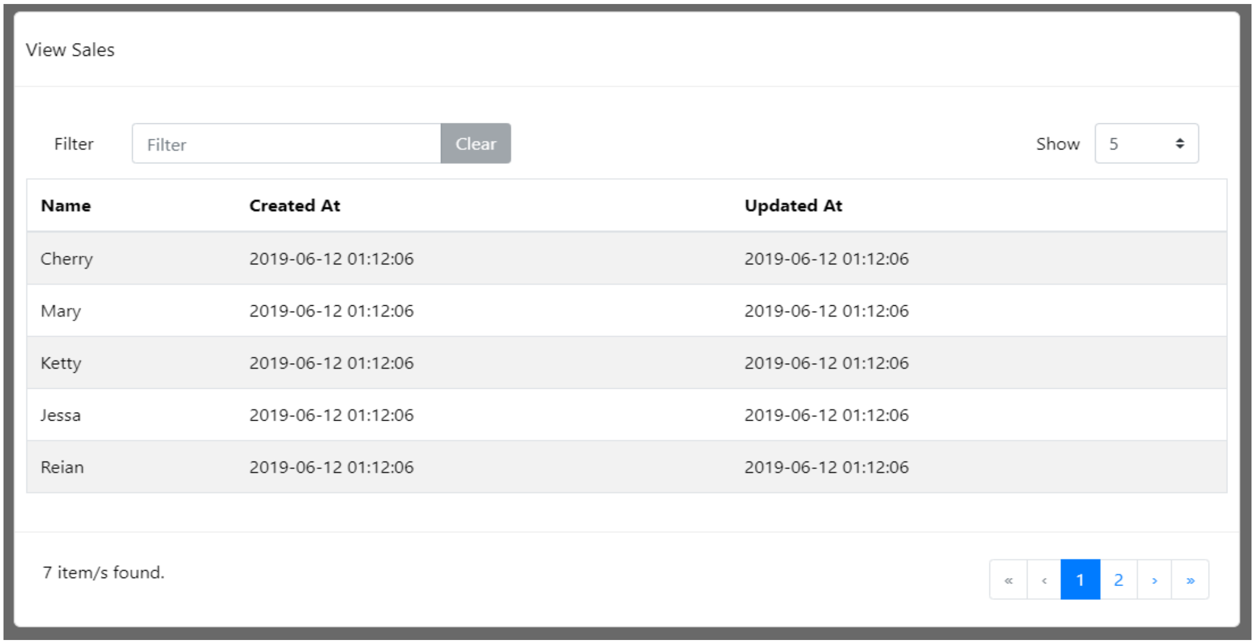


Figure 8 Add sales

2. Manage Sales

To view all the sales person user need to click the Account in navigation bar then the drop down menu will show up, there are View Sales in that drop down menu by the time user click it the user will be directed to the view engineer as shown in fig. 9.

Authorized user can update sales details just by clicking the row of the specific person.



Name	Created At	Updated At
Cherry	2019-06-12 01:12:06	2019-06-12 01:12:06
Mary	2019-06-12 01:12:06	2019-06-12 01:12:06
Ketty	2019-06-12 01:12:06	2019-06-12 01:12:06
Jessa	2019-06-12 01:12:06	2019-06-12 01:12:06
Reian	2019-06-12 01:12:06	2019-06-12 01:12:06

Figure 9 View Sales

E. Package Type Interface

Package type is a group of package for the client to identify what package type the client apply. e.g. SME(small medium enterprice), CORP(corporate).

1. Create New Package Type

There are default package type namely SME, CORP, ENT and RES. If user want to create new package type user need to click the Components in navigation bar the drop down menu will show up, there are Add Package type in that drop down menu by the time user click it the user will be directed to the add package type as shown in fig. 10.
Only the authorize user can create package type.

Figure 10 Add package type

2. Manage Package Type

To view all the package type user need to click the Components in navigation bar then the drop down menu will show up, there are View Package type in that drop down menu by the time user click it the user will be directed to the view package type as shown in fig. 11.

Authorized user can update package type by clicking the row of the specific package.

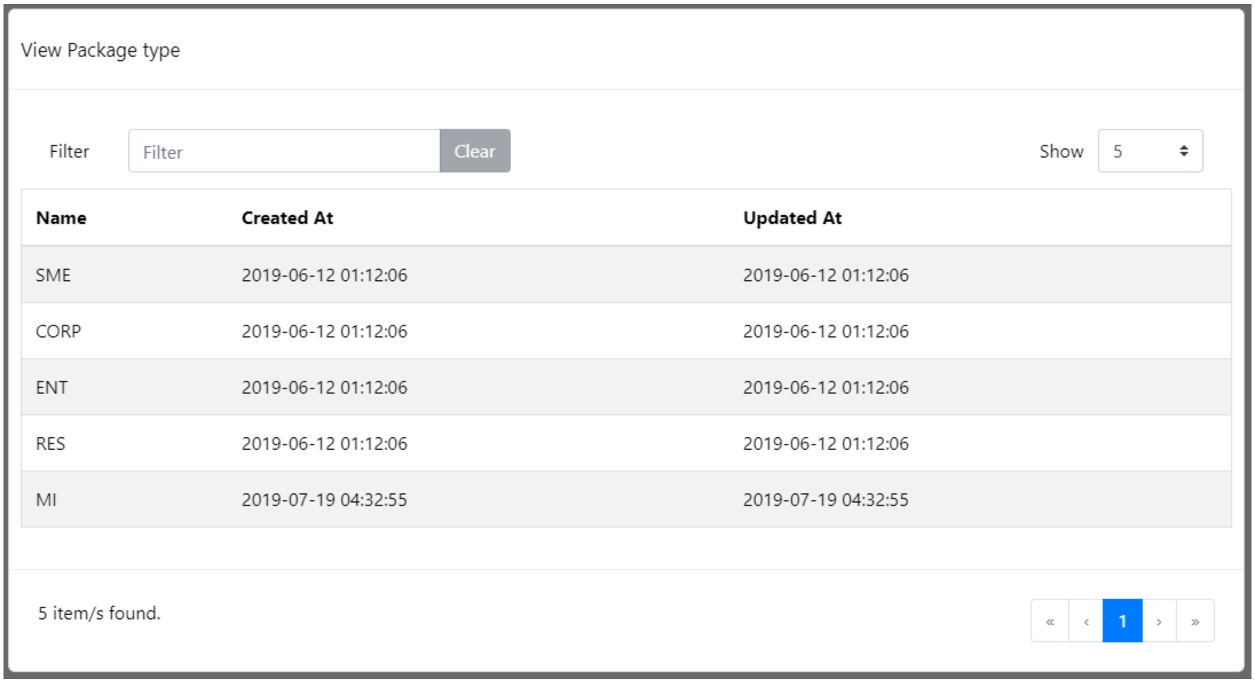


Figure 11 View package type

F. Package Interface

Package this is a package code, every code has specific bandwidth and this is need for creating client.

1. Create New Package

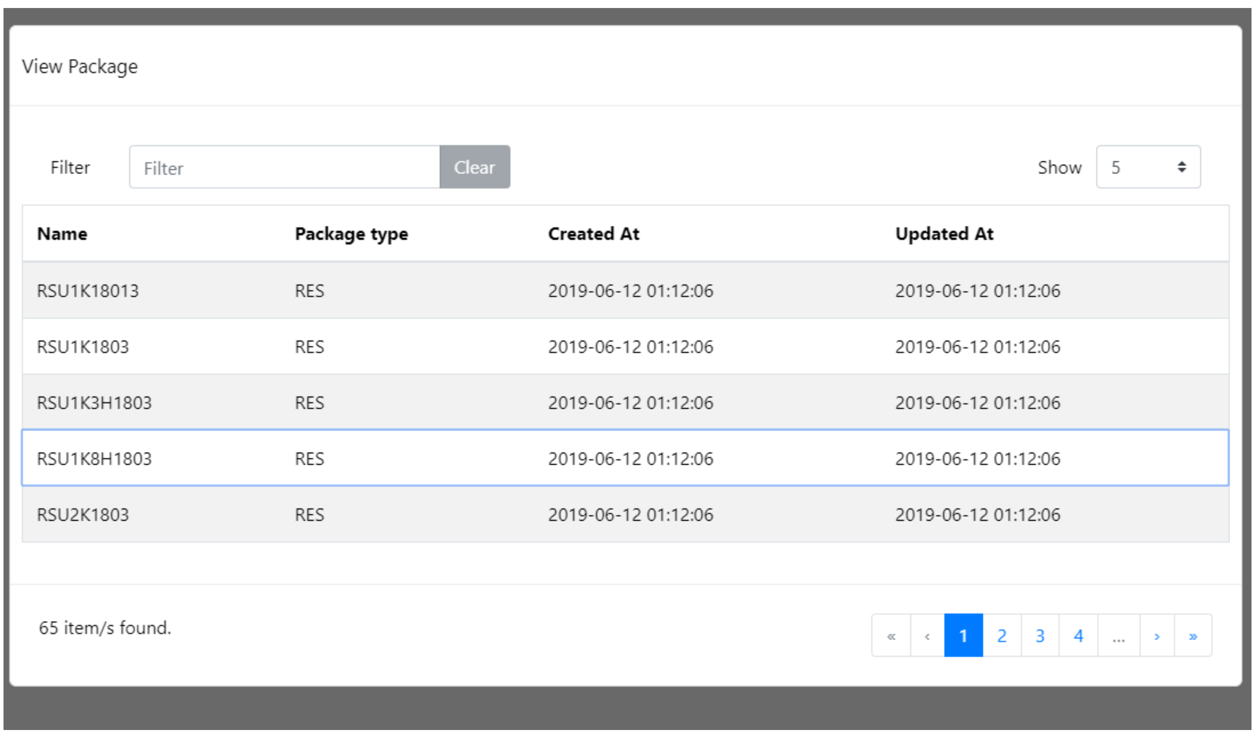
There are 64 default packages. If user need to create new package user need to click the Components in navigation bar the drop down menu will show up, there are Add Package in that drop down menu by the time user click it the user will be directed to the add package as shown in fig. 12. Only the authorize user can create Package.

Figure 12 Add Package

2. Manage Package

To view all the package user need to click the Components in navigation bar then the drop down menu will show up, there are View Package in that drop down menu by the time user click it the user will be directed to the view package as shown in fig. 13.

Authorized user can update package by clicking the row of the specific package code.



Name	Package type	Created At	Updated At
RSU1K18013	RES	2019-06-12 01:12:06	2019-06-12 01:12:06
RSU1K1803	RES	2019-06-12 01:12:06	2019-06-12 01:12:06
RSU1K3H1803	RES	2019-06-12 01:12:06	2019-06-12 01:12:06
RSU1K8H1803	RES	2019-06-12 01:12:06	2019-06-12 01:12:06
RSU2K1803	RES	2019-06-12 01:12:06	2019-06-12 01:12:06

Figure 13 View Package

G. Modem Interface

Modem this is use for creating client to identify what modem deployed in a specific client.

1. Create New Modem

There are 4 default modem namely King type, Phyhome, Richer link and Vsol. If user need to add new modem name, user need to click the Components in navigation bar, the drop down menu will show up, there are Add Modem in that drop down menu by the time user click it the user will be directed to the add modem as shown in fig. 14.
Only the authorize user can create modem.

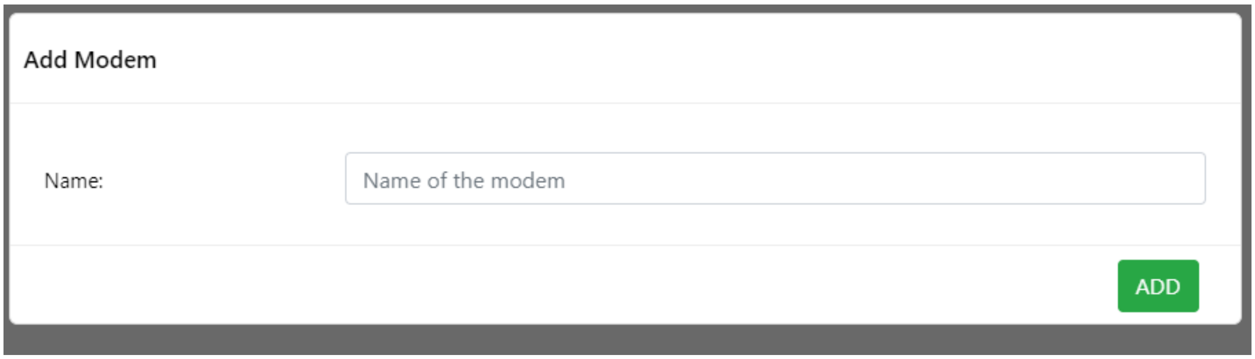


Figure 14 Add Modem

2. Manage Modem

To view all the modem user need to click the Components in navigation bar then the drop down menu will show up, there are View Modem in that drop down menu by the time user click it the user will be directed to the view modem as shown in fig. 15.

Authorized user can update modem by clicking the row of the specific modem name.

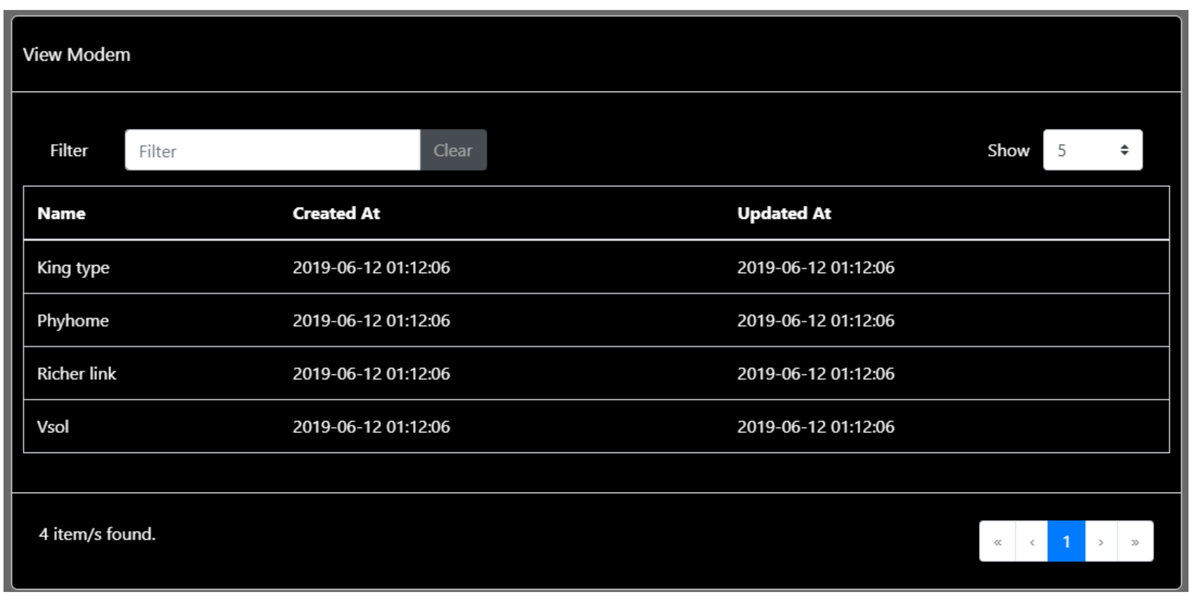


Figure 15 View Modem

H. Branch Interface

Branch this is use for creating job order and for creating user to specify where the user belong in branch.

1. Create New Branch

There are 5 default branches namely Dvo, Digos, Tagum, CDO and Gensan. If user need to add new branch, user need to click the Components in navigation bar the drop down menu will show up, there are Add Branch in that drop down menu by the time user click it the user will be directed to the add branch as shown in fig. 16.
Only the authorize user can create branch.

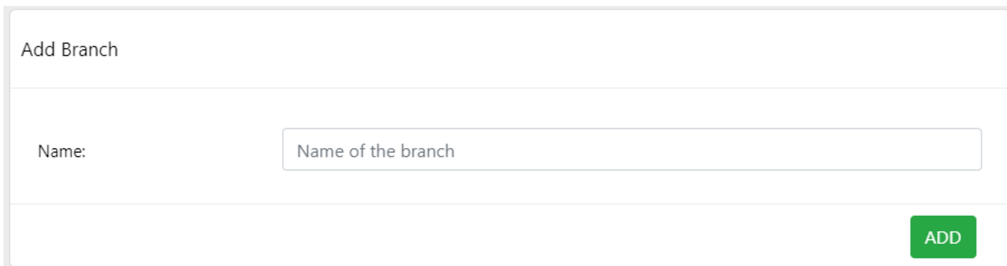


Figure 16 Add Branch.

2. Manage Branch

To view all the branch user need to click the Components in navigation bar, then the drop down menu will show up, there are View Branch in that drop down menu by the time user click it the user will be directed to the view branch as shown in fig. 17.

Authorized user can update branch by clicking the row of the specific branch name.

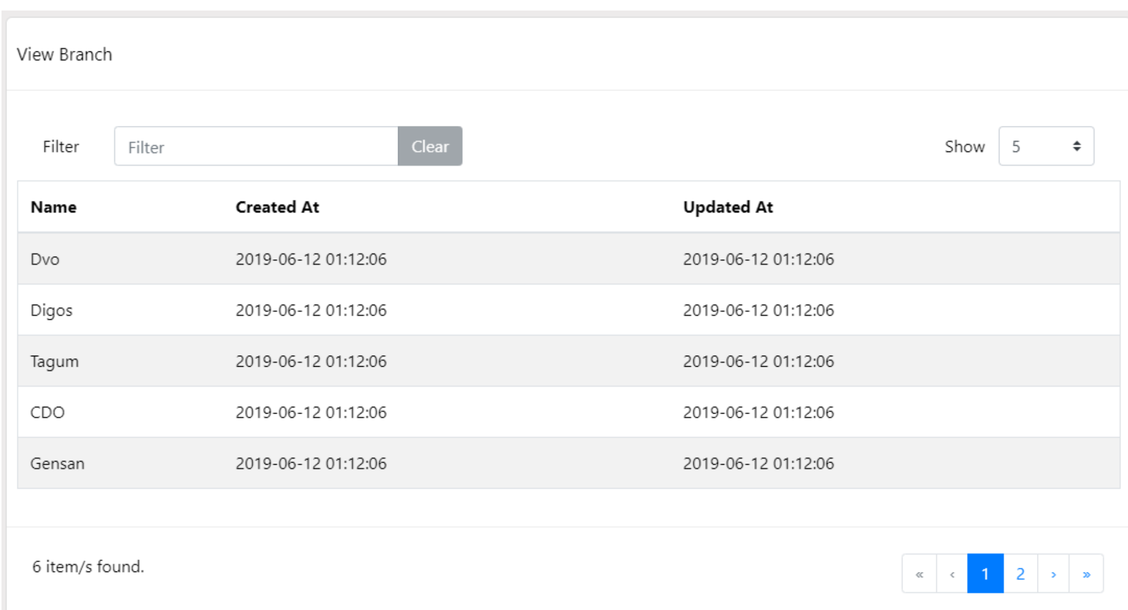


Figure 17 View Branch

I. Schedule Interface

Scheduling this is one of the main function of the system. Here user can set installation schedule for the client also the create job order, print job order, activated client and other data for the client are here.

1. Create Schedule.

To create new schedule click the components in navigation bar, then the drop down menu will show up, there are Add Schedule in that drop down menu by the time user click it the user will be directed to the Add Schedule as shown in fig. 18. The first input field are Client simply select or type a keyword for the client name or location to add client, second is Sales In-charge select or search sales in-charge in that installation, third is Cable category this is to identify what cabled layout in the client, fourth is FOC Length – length of the cable from drop point to client building, FOC layout this is the status of the layout can select Done, Pending, Done outside only, Done inside only, next is the OTC this is to identify if client already paid the installation, next is modem and mapping status this is to identify if the client has already modem to deploy and mapping status if the mapping are already done by the tech. sales. lastly is the Applied date this is when the client apply.

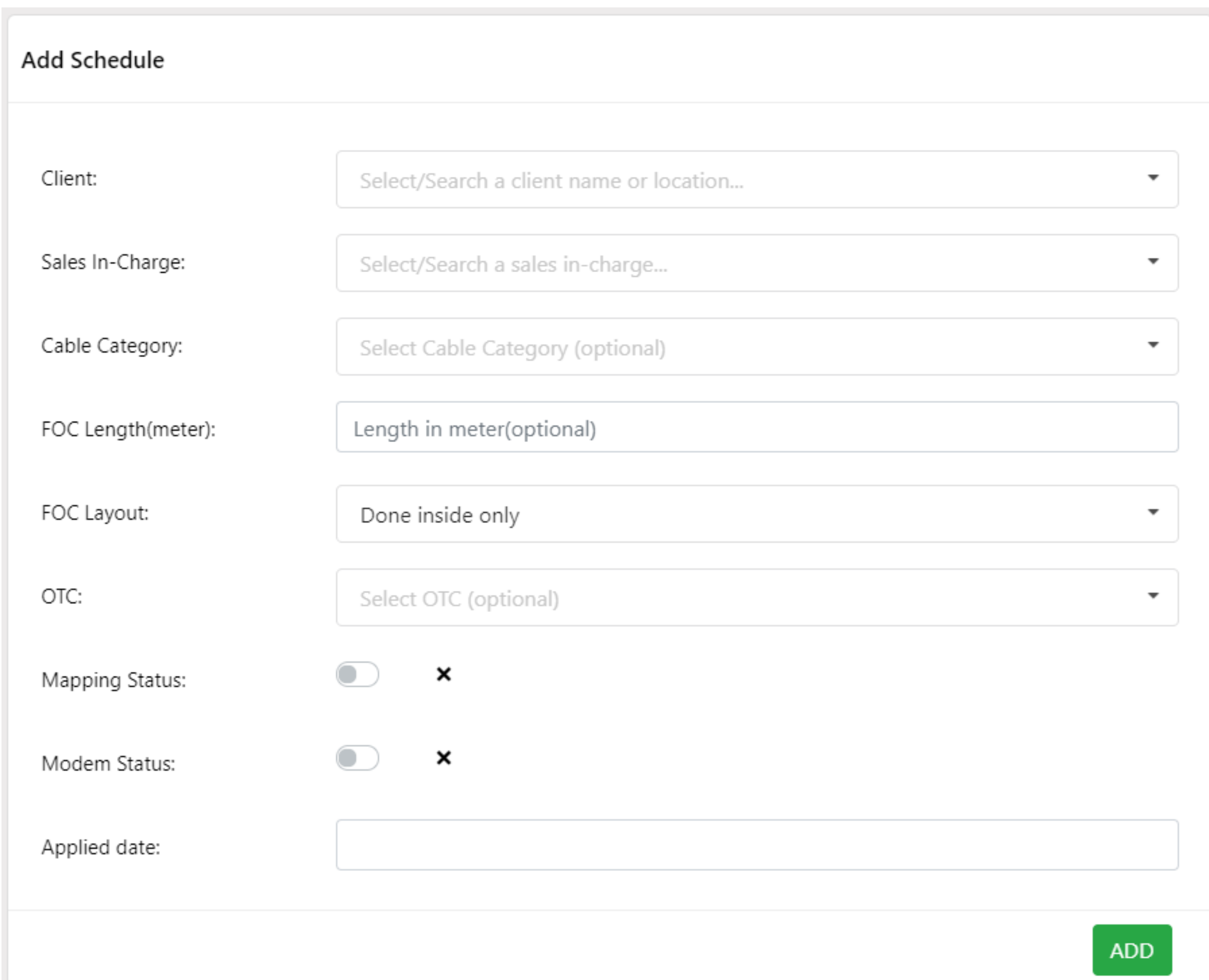


Figure 18 Add schedule

2. View/Manage Schedule

To view or manage the scheduling of the client user need to click the Components in navigation bar, then the drop down menu will show up, there are View Schedule in that drop down menu by the time user click it the user will be directed to the view schedule as shown in fig. 19.

Manage schedule

A. Buttons
-Create – there are create button in the column *Job #* this is use to create Job Order.
-WFC – there are WFC(Waiting For Confirmation) button in the column *Target Date* this is to identfy if the client confirm the installation, and this is one of the requirements to set the schedule of the client.
-*buttons in target date* – the use of all buttons in *target date* are for changing the target date of the installation of the client except the WTC.
-1001,1002,1003 etc – this button is the id of the job order, this is use to manage the Job order like print, update and create another job order.
-Activate – the use of the button Activate in the *Date Activated* column is use to activate the client to identify when the client activated.
-*Dates button in date activated* – this button is use to change the date activated of the client.

B. Switches
-There are 7 switches here in View schedule Location, Package, Modem, Protocol, FOC length Sales -incharge and Appliend Date those are use for showing or hiding the specific column in the table.

C. Background color of the table (Red and light blue).
-The red background color in the table is to notify the user that client are lack of requirements to set schedule for installation.
-The light blue background in the table is to notify the user that the FOC layout are only outside of the building so that the technical team will also notify.

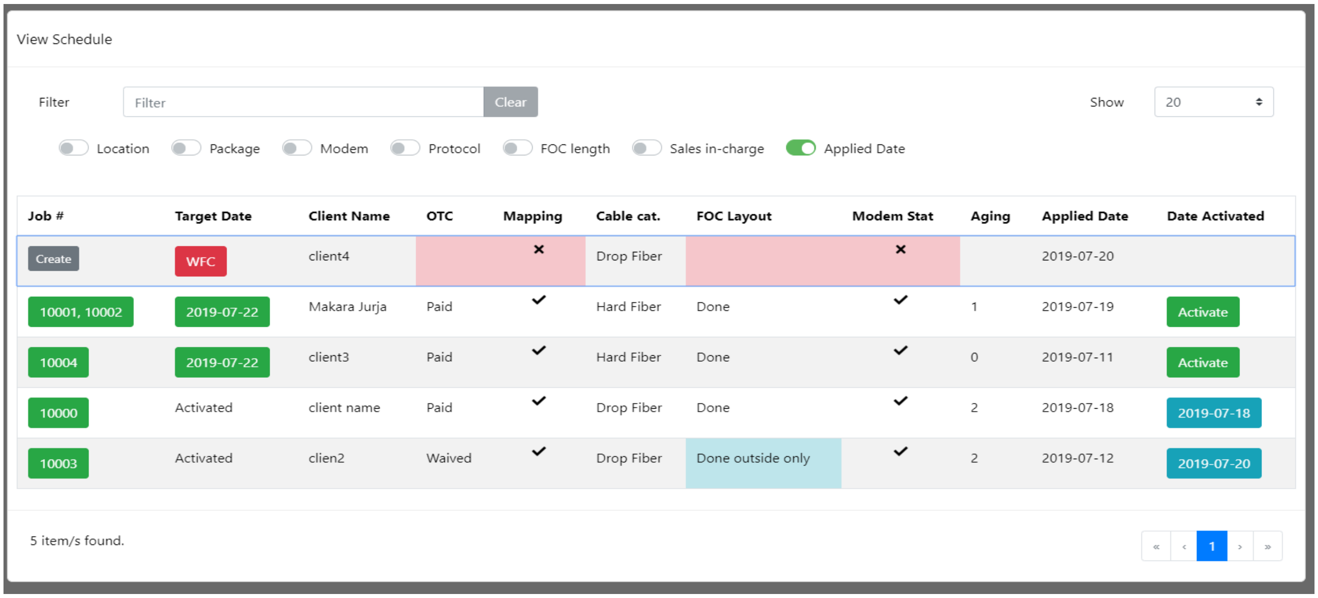


Figure 19 View schedule

J. Ticket Interface

Ticketing is a means to support and help user deal with any issues/incident of the client in their internet connection, this is also acts as a documentation of a particular problem of the clients.

1. Add ticket – To add ticket click the Add ticket button in the upper right of the panel of the ticketing then fill up all the nessesary data of the complain of the client.

2. View Status – This is use to view all the available status for ticketing and also to manage the statuses

3. Pendings – Pendings button this is use to filter all the pendings in the table and it show how many pending in that table.

4. Urgents – Urgents button this is use to filter all the Urgents in the table and it show how many urgent in that table.

5. For tech visit –For tech visit button this is use to filter all the tech visit in the table and it show how many need to tech visit in that table.

6. Update Ticket – To update the ticket and its status just simply click the specific row of the ticket table.

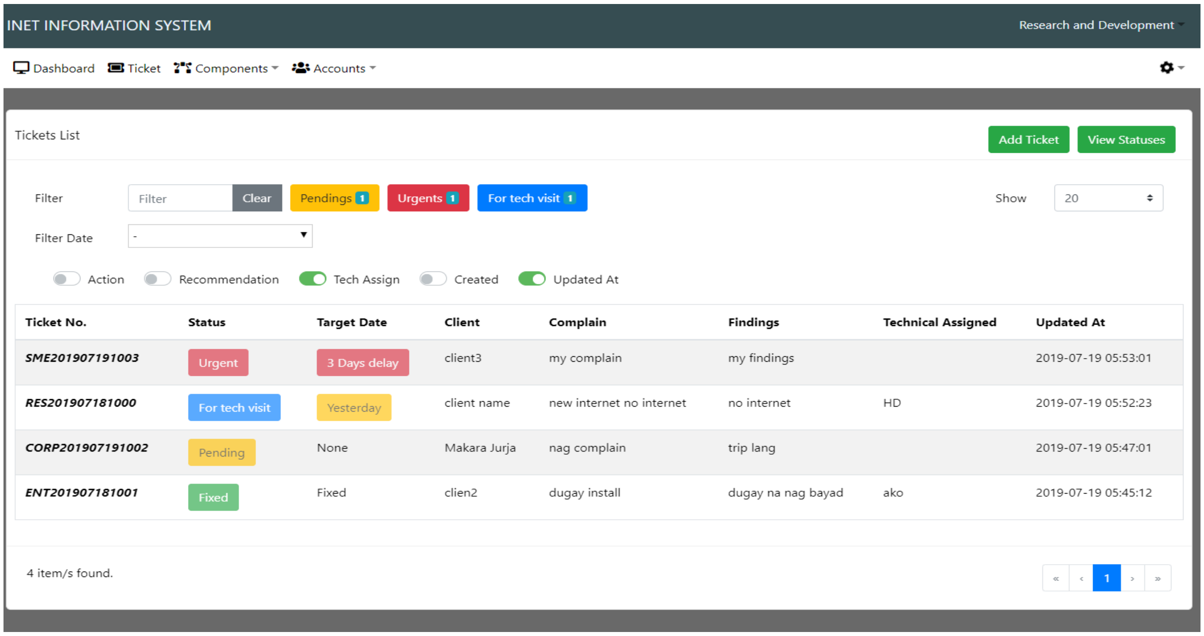


Figure 20 Ticketing

K. Dashboard Interface

This page shows a calendar and the schedule for every date and you can make update for every date's activity if you click the date.

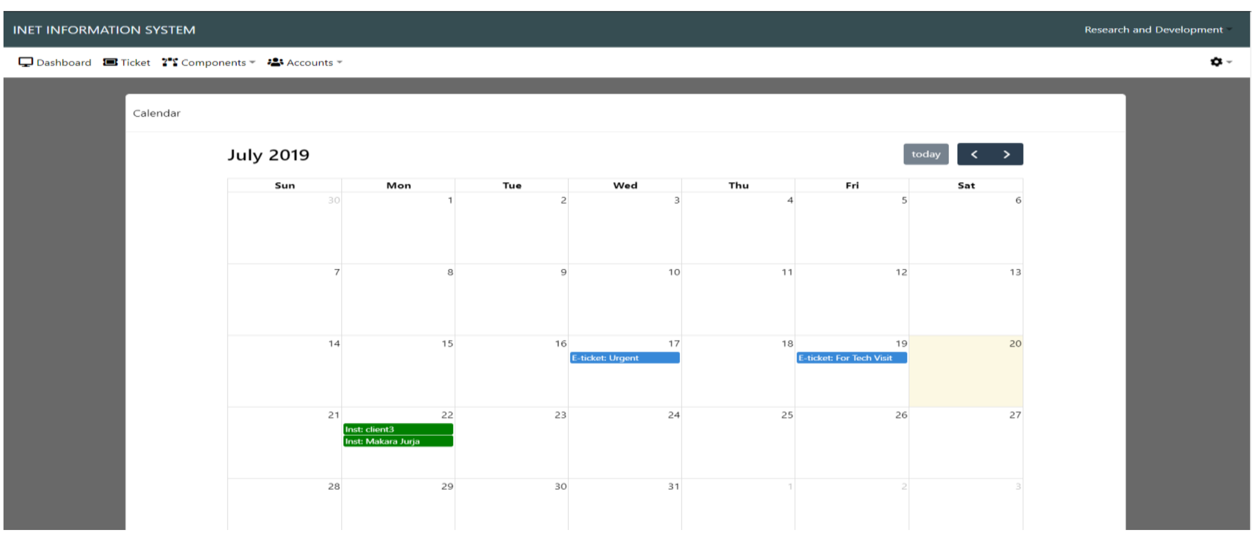


Figure 21 Dashboard calendar

E-ticket Summary it show the total number of Pending, Urgent, Fixed and Tech visit per month

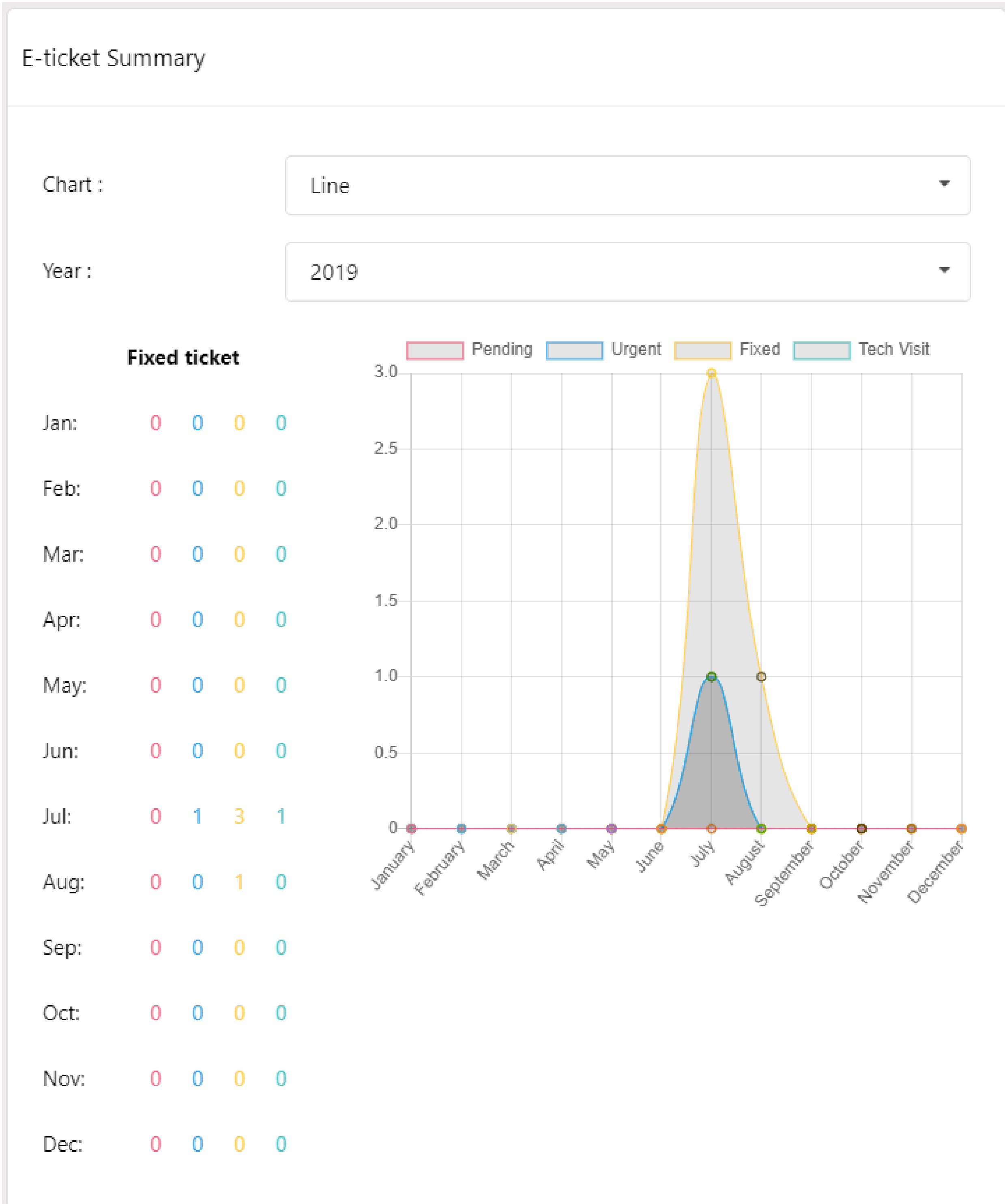
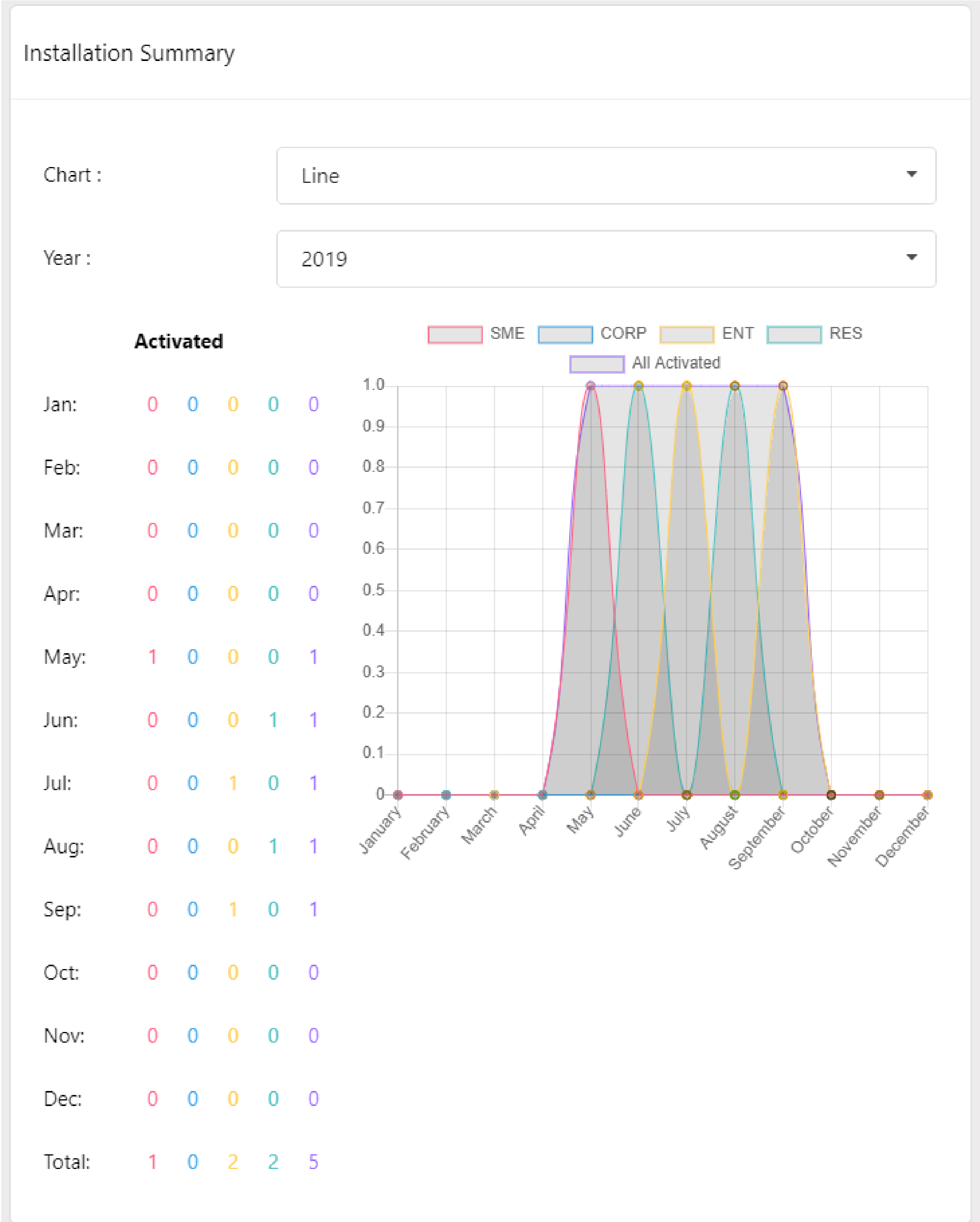


Figure 22 Dashboard e-ticket summary

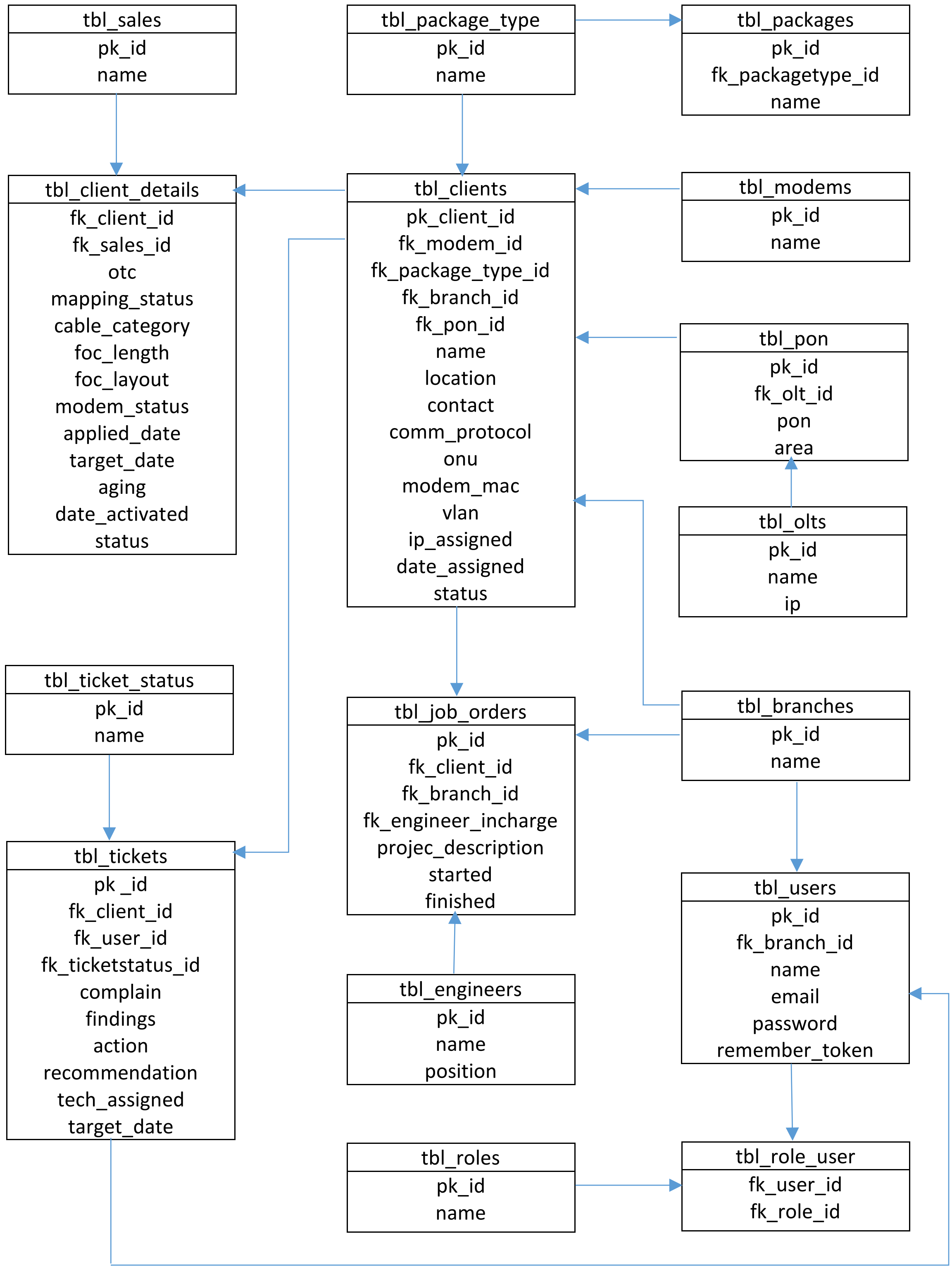
Installation Summary it show the total number installed internet by cagetory per month.



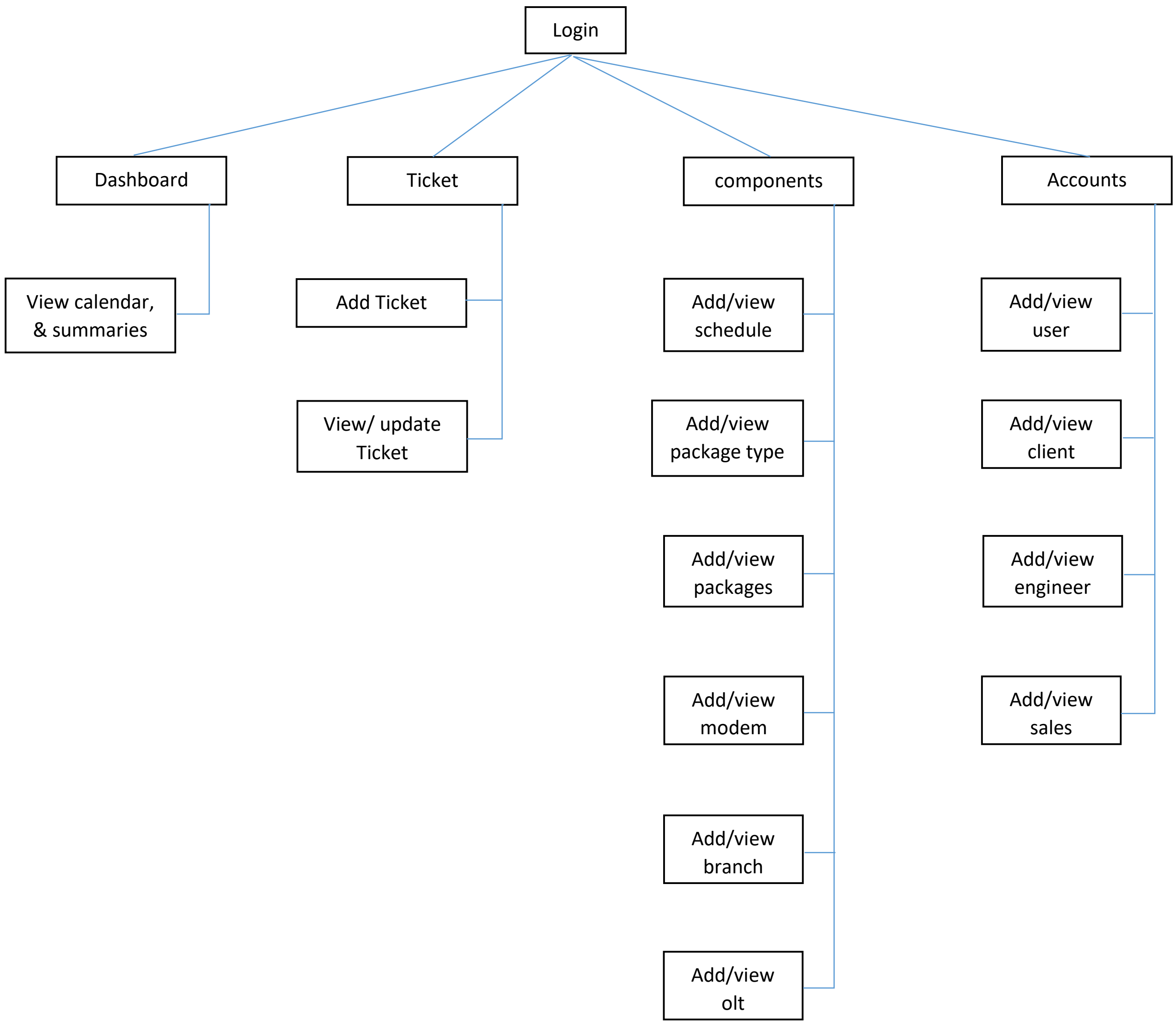
Jan:	0	0	0	0	0
Feb:	0	0	0	0	0
Mar:	0	0	0	0	0
Apr:	0	0	0	0	0
May:	1	0	0	0	1
Jun:	0	0	0	1	1
Jul:	0	0	1	0	1
Aug:	0	0	0	1	1
Sep:	0	0	1	0	1
Oct:	0	0	0	0	0
Nov:	0	0	0	0	0
Dec:	0	0	0	0	0
Total:	1	0	2	2	5

Figure 23 Dashboard installation summary

Appendix A. Database Structure



Appendix B. Sitemap



Appendix C. Permession Table

Features	Roles			
	Administrator	HD	Tech sales head	User
Create account	✓			
Create client	✓	✓	✓	
Create schedule	✓		✓	
Create package type	✓	✓	✓	
Create package	✓	✓	✓	
Create modem	✓	✓	✓	
Create engineer	✓		✓	
Create sales	✓		✓	
Create branch	✓	✓	✓	
Create job order	✓		✓	
Create ticket	✓	✓		
Create ticket status	✓	✓		
Create olt	✓	✓		
Create pon	✓	✓		
Update account	✓			
Update client	✓	✓	✓	
Update schedule	✓		✓	
Update package type	✓	✓	✓	
Update package	✓	✓	✓	
Update modem	✓	✓	✓	
Update engineer	✓		✓	
Update sales	✓		✓	
Update branch	✓	✓	✓	
Update job order	✓		✓	
Update ticket	✓	✓		
Update ticket status	✓	✓		
Update olt	✓	✓		
Update pon	✓	✓		
Delete data	✓			