# Software Requirement Specification

**VoIP Customer Web Portal**

**Version no. 1.2**

| **Document Control Sheet** | |
|---|---|
| Current Version | 1.2 |
| Project Code | NS_DOCP_10122019 |
| Project Name | Development of VoIP Customer Portal |
| Document Type | SRS Document. |
| Author | Neeraj |
| Reviewed By | Amol |
| Sales Person | Scarlet |
| Frequency of Document Review | Next Revision of Standards Documents |
| Document Creation Date | 14/02/2020 |
| Document Last Updated | 21/02/2020 |

| Revision History | | | |
|---|---|---|---|
| **Version** | **Date** | **Name** | **Comments** |
| 1.0 | 17/02/2020 | Neeraj | Initial Draft copy |
| 1.1 | 20/02/2020 | Neeraj | Changes as per client's feedback dated 20/02/2020 |
| 1.2 | 21/02/2020 | Neeraj | Changes as per client's feedback dated 21/02/2020 |

## Contents

## 1. Purpose of this Document:

This document specifies the functional specifications for the Development of customer VoIP web portal that needs to be developed. The document helps the business stakeholders to understand what to expect out of the project & technical stakeholders to understand what to deliver.

The Functional Requirements Specification will:

- Define the scope of business objectives, business functions and organisational units covered for the project
- Identify the business processes that the solution must facilitate
- Facilitate a common understanding of what the functional requirements are for all parties involved in the project
- Establish a basis for defining the acceptance tests for the solution to confirm that what is delivered meets requirements.

**Summary:**

The client is a VoIP service provider for customers like call centers and offices. Client wants to develop a functional web portal for their customers to view and manage their accounts and services.

A detailed Scope of Work has been mentioned in the forthcoming section, for your kind perusal.

## 2. Scope of the Functional Requirement Specification:

| **In Scope** |
|---|
| VoIP customer web portal (Web panel) |
| VoIP customer web backend Admin (Web panel) |

## 3. User Roles:

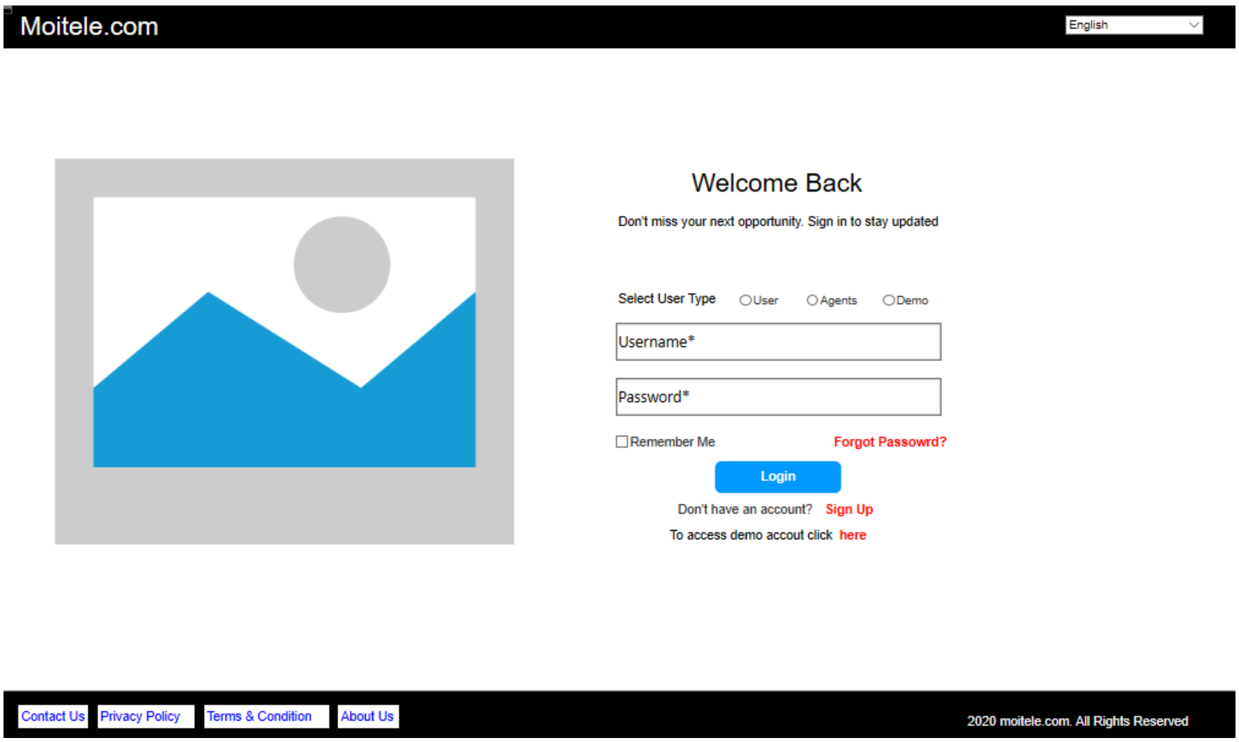
| User Role | Role Description | Device | End user capacity |
|---|---|---|---|
| Existing super users | Existing super users are those users, who are already registered in the third party portal as users.<br>They will be able to view dashboards, add balance, procure subscription, view all call recordings, view call history with cost, add agents/ devices, manage own & agents/ device profile, cancel subscription | Web based Portal | Unlimited |
| Existing sub users/ Agents | Existing sub users or agents are those users, who are already registered in the third party portal as agents.<br>They will be able to view their own data in dashboards, view call recording, view call history. | Web based Portal | Unlimited |
| New register users | New register users are those users, who will register themselves in the web portal for the first time.<br>New register user (from front end) would be acting as a super user with one difference i.e. the new register user will have the provision to opt for trial balance whereas the same is not available for existing user. The new register user will be able to view all the modules of super user. | Web based Portal | Unlimited |
| Demo users | New demo users are those users, who will register themselves in the web portal for the first time to access the demo account. Demo user will be able to submit their details to get demo credentials. Furthermore will be able to view dashboards, view call recording, view call history. They will be able to view only dummy data. | Web based Portal | Unlimited |
| Admin users | The admin user will be able to view user logs, view demo registration list, view or configure API/ system logs, manage trial balance request, configure static content, configure subscription, amount, | Web based Portal | Unlimited |

| User Role | Role Description | Device | End user capacity |
|---|---|---|---|
| | API,  SMTP, theme, add language. | | |

# 4. Functional Requirement:

## 4.1 Modules for Existing User & New Register Users

### 4.1.1 Login Screen:

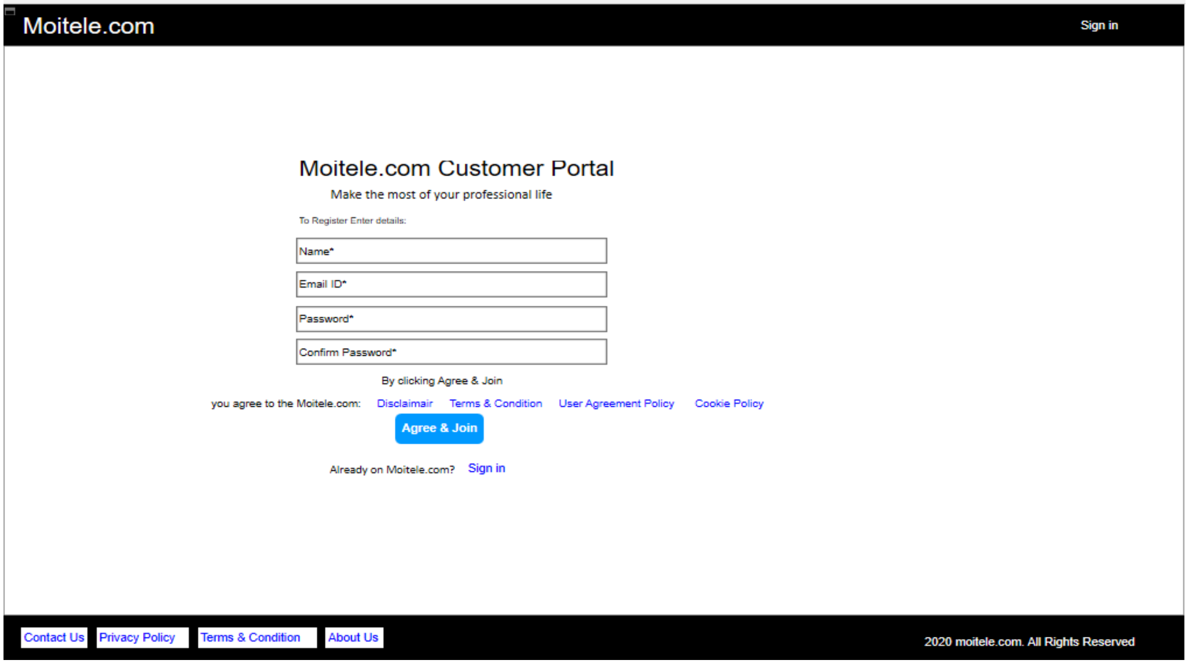



| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Existing and new register users will be able to login into the web portal with valid login credentials. |
| **Pre - Condition** | Existing and new register users will be having their login credentials with them to login into the web portal. |
| **Post - Condition** | On successful login, users will be redirected to the dashboard module. |
| **Business Rules / Logic** | **Select user type:**<br>Users will be able to view below user types on the log in screen:<br>• Users<br>• Agents<br>• Demo<br><br>They will be able to select only one user type at one time.<br><br>**Logic:**<br>• Users will select the user type as 'user' (mandatory). |

| | |
|---|---|
| | • Users will enter the 'username' and 'password'<br>• Users will have the provision to check 'remember me' checkbox, to save the login credentials.<br>• To login into the web portal users will click on 'Login' button.<br>• The web portal will authenticate the login credentials with third party portal via login API.<br><br>**Business Rule:**<br>• If users enter the username and password without selecting the user type and clicks on login button, web portal will validate the user 'to select the user type first'.<br>• Web portal will trigger the third party API based on user type selection.<br>• Web portal will authenticate the entered username and password with the third party portal via Login API.<br>• If authentication fails via Login API – web portal will validate the login credential and relevant message will be displayed to the users.<br>• If authentication pass via Login API – web portal will allow the user to login and will be redirected to the dashboard module.<br><br>**Remember me:**<br>To save the login credential, users will check the 'remember me' check box. The login credentials will be saved to the respective browser and will be able to pre-fill the credential data when the user will login for the second time.<br><br>**Forget Password:**<br>Forget password will be used by the users to set new password, if they forget the password. Clicking on 'forgot password' button, they will be redirected to forgot password module.<br><br>**Sign-Up**<br>Sign-up will be used by the new register users. Clicking on 'signup' link, they will be redirected to sign-up web page.<br><br>**Here**<br>Clicking on 'here"' link, users will be redirected to demo registration web page.<br><br>**Language**<br>User can change the language of the web portal via drop down selection. Only fields displayed in the web portal will be changed into the selected language. Enter text will be in English only.<br><br>**Contact Us, Privacy Policy, Terms & Condition, About Us Links** |

| | | |
|---|---|---|
| | Users will be able to click on the respective links to read the privacy policy, terms & condition, about us, and contact us information configured by the admin in the web backend. | |
| **Fields and Validation** | | |
| | Username | Text Field |
| | • Username will have no character limit<br>• User can enter Characters/ Numbers/ Special characters for Username (Alpha Numeric) (No space allowed) | |
| | Password | Text Field |
| | • Password will have minimum 8 and maximum 16 characters<br>• User can enter Characters/ Numbers/ Special characters in password field (Alpha Numeric) (No space allowed) | |
| | Select User Type | Radio Button |
| | Users will be able to select only one user type at one time. | |
| | Forgot Password | Link |
| | Remember Me | Check Box |
| | Sign Up | Link |
| | Here | Link |
| | Login | Button |
| | Contact Us | Link |
| | Privacy Policy | Link |
| | Terms & Conditions | Link |
| | About Us | Link |
| | Language | Drop Down |

### 4.1.2 New Register User Sign-Up Screen:



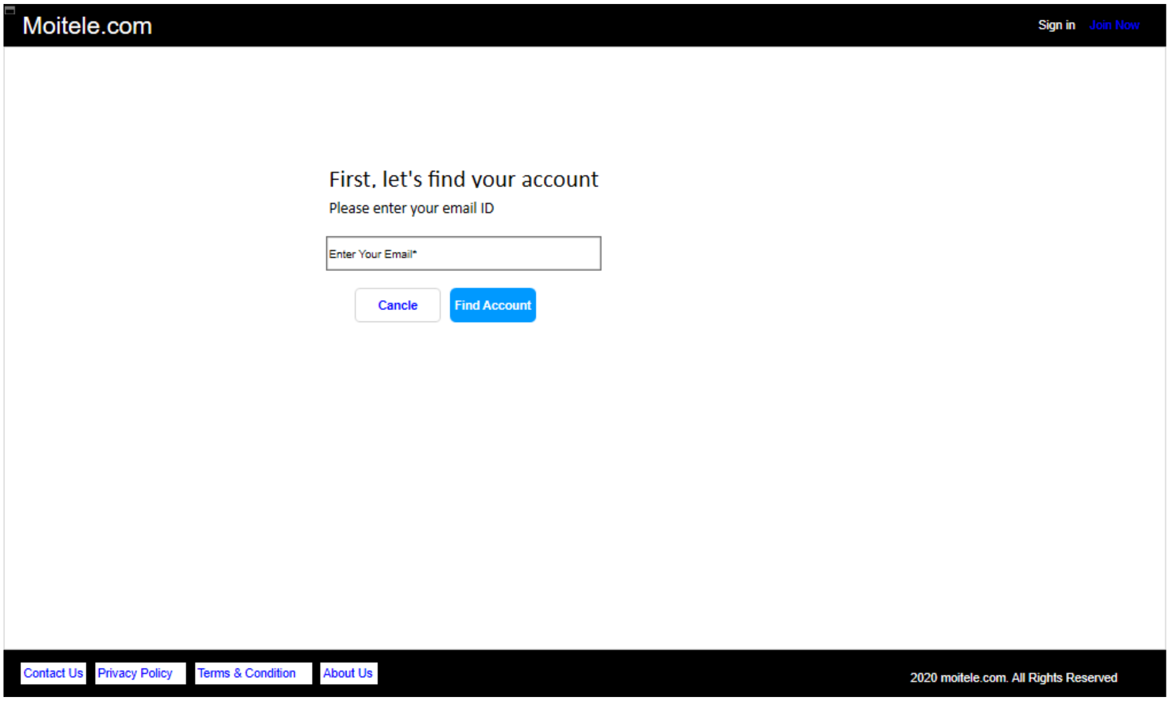

| | |
|---|---|
| **Actors** | New Register Users |
| **Requirement Definition** | Users will be able to sign up or register themselves in the web portal. |
| **Pre - Condition** | Email ID enter by the user during registration should not have any account associated with it in the third party portal. |
| **Post - Condition** | Users will get registered in the web portal. |
| **Business Rules / Logic** | **Logic:**<br>• To sign up or to register, users will be able to enter details such as 'Name', 'Email ID', 'Password', and 'Confirm Password'.<br>• The web portal will check if any account is associated with the entered email ID with the third party portal via API.<br>• If account is associated with the email ID, web portal will validate the user to use different email ID.<br>• If account is not associated with the email ID, web portal will allow the user to proceed with the registration. And an email will be sent onto the provided email ID with a verification link. To verify the email, they will click on the verification link.<br>• Users will be able to click on the links such as 'Disclaimer', 'Terms & Condition', and 'User Agreement (Privacy)', and 'Cookie Policy' Policy to read.<br>• To register in the web portal, users will click on "Agree & Join" button.<br>• Web portal will send the login credential details to the third |

<table>
<tr><td></td><td colspan="2">
party portal via API.
<ul>
<li>Web portal will validate the users to click on ‘Agree & join’ button unless and until the email is not verified by the user.</li>
<li>A welcome email will be sent to the new register users when the web portal will get success message for the creation of the user in the third party portal via API.</li>
<li>New register user will be able to login in the web portal with the username and password.</li>
</ul>
Sign In<br>
Clicking on sign In link will redirect the user to the login web page<br><br>
Contact Us, Privacy Policy, Terms & Condition, About Us Links<br>
Users will be able to click on the links to read the privacy policy, terms & condition, about us, and contact us information configured by the admin in the web backend
</td></tr>
<tr><td rowspan="15">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Name</td><td>Text Field</td></tr>
<tr><td colspan="2">Username will have no character limit</td></tr>
<tr><td>Email ID</td><td>Text Field</td></tr>
<tr><td>Password</td><td>Text Field</td></tr>
<tr><td colspan="2">Password should follow below mentioned nomenclature
<ul>
<li>Password will have minimum 8 and maximum 16 characters (Subject to API).</li>
<li>Password should contain one upper case character.</li>
<li>Password should contain one digit is required.</li>
<li>Password should contain one special character (No space allowed)</li>
<li>Password should contain one small character</li>
</ul></td></tr>
<tr><td>Confirm Password</td><td>Text Field</td></tr>
<tr><td colspan="2">Password and confirm password value should match</td></tr>
<tr><td>Disclaimer</td><td>Link</td></tr>
<tr><td>Terms & Condition</td><td>Link</td></tr>
<tr><td>User Agreement Policy (Privacy Policy)</td><td>Link</td></tr>
<tr><td>Cookie Policy</td><td>Link</td></tr>
<tr><td>Sign In</td><td>Link</td></tr>
</table>

| | | |
|---|---|---|
| | About Us | Link |
| | Contact Us | Link |
| | Agree & Join | Button |

### 4.1.3 Forgot Password Screen

#### 4.1.3.1 Find Your Account Screen:

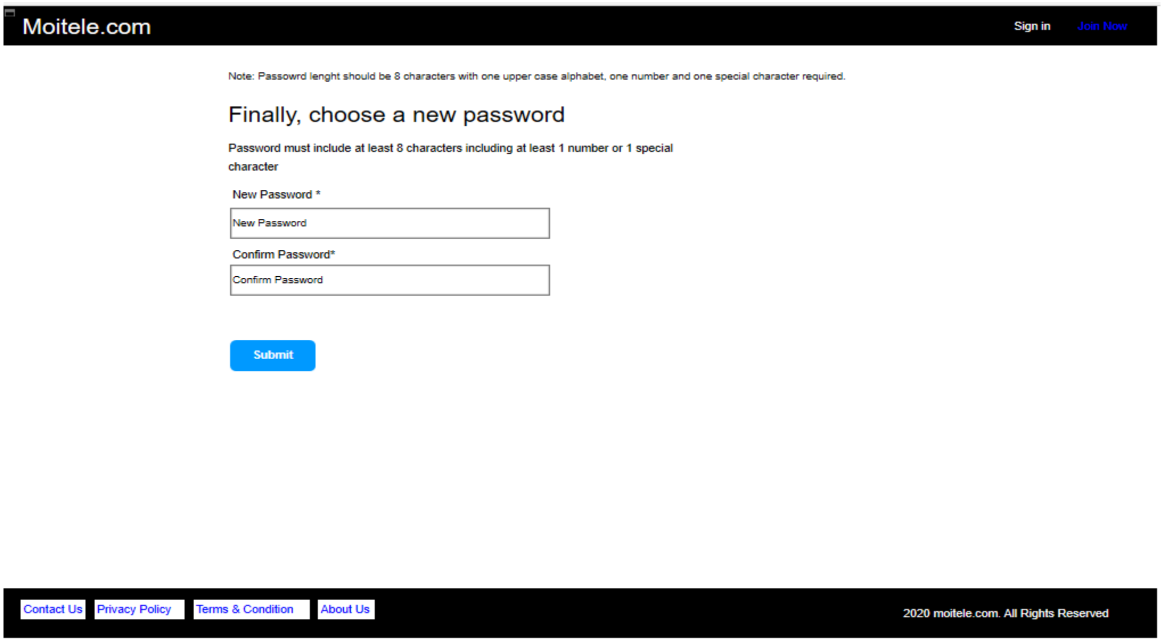



| | |
|---|---|
| **Actors** | • Existing User<br>• New Register Users |
| **Requirement Definition** | Users will be able to set new password. |
| **Pre - Condition** | On 'login' screen, users have selected the user type 'user' and clicked on 'forget password' link. |
| **Post – Condition** | Web portal validates if any account is associated in the third party portal via API with email ID entered by the user and send an email with verification link to the user. |
| **Business Rules / Logic** | **Logic**<br>• Users will be able to enter the 'Email ID' and click on 'Find Account' button.<br>• Web portal will find the account associated with the email ID in the third party portal via API.<br>• If account not found –Web portal will validate the user to enter another email ID as no account is associated with the email.<br>• If account found – An email will be sent to user with a verification link to verify the email ID.<br>• Users clicks on the verification link, they will be redirected to the password change web page. |

| | |
|---|---|
| | • Users will be able to click on 'cancel' button, if they don't want to set new password. Web portal will redirect them to the login module.<br><br>**Sign In**<br>Clicking on 'sign in' link, users will be redirected to the login module.<br><br>**Join Now**<br>Clicking on 'Join Now' link, users will be redirected to the new user registration module.<br><br>**Contact Us, Privacy Policy, Terms & Condition, About Us Links**<br>Users will be able to click on the links to read the privacy policy, terms & condition, about us, and contact us information configured by the admin in the web backend |
| **Fields and Validation** | |

| | |
|---|---|
| Email ID | Text Field |
| Web portal will validate for incorrect email ID | |
| Cancel | Button |
| Join Now | Link |
| About Us | Link |
| Privacy Policy | Link |
| Terms & Condition | Link |
| Contact Us | Link |
| Sign In | Link |
| Find Account | Button |

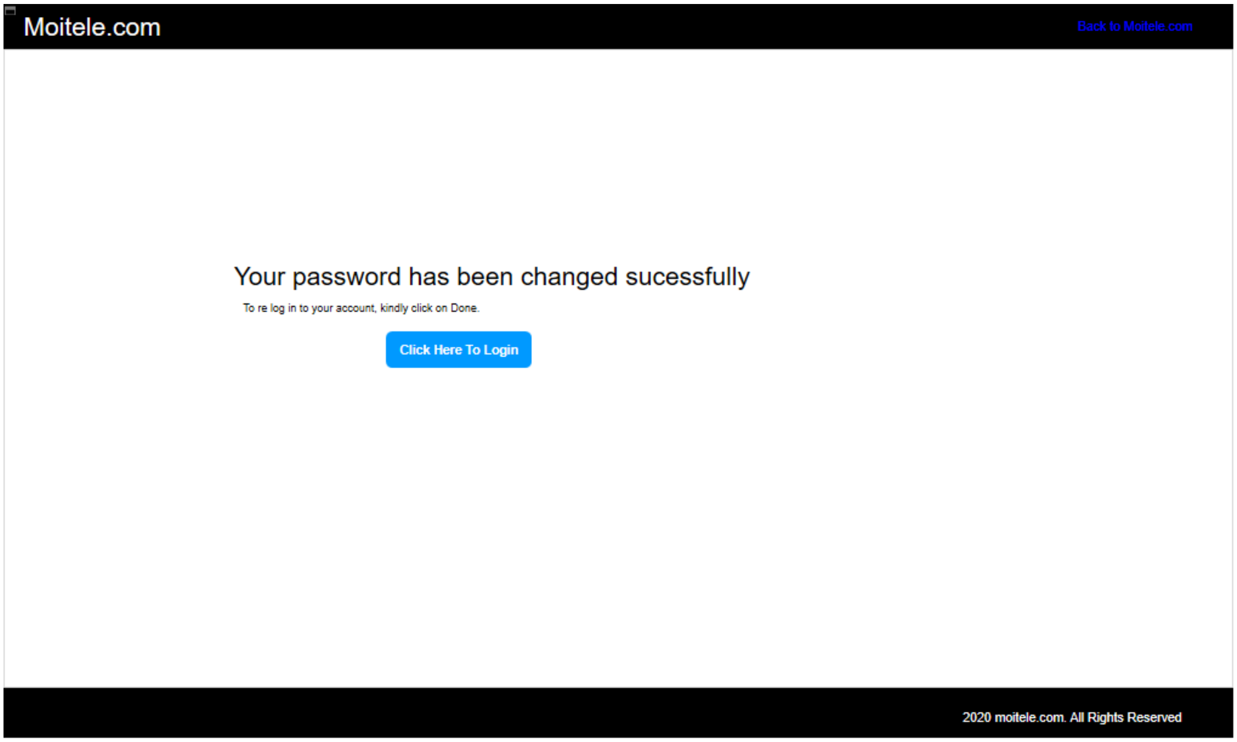
### 4.1.3.2 Set New Password Screen:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register Users |
| **Requirement Definition** | Users will be able to set new password for login in the web portal |
| **Pre - Condition** | Users account will be verified by the web portal. |
| **Post – Condition** | Users will be able to set new password in the web portal. |
| **Business Rules / Logic** | **Logic**<br>Users will enter the new ‘password’ and ‘confirm password’.<br><br>**Sign In**<br>Clicking on ‘sign in’ link will redirect the user to login module.<br><br>**Join Now**<br>Clicking on ‘Join Now’ link will redirect the user to new user registration module.<br><br>**Submit**<br>To change the password, users will click on submit button. Web portal will change the password and redirect the user to the confirmation web page. Web portal will send the new password details to the third party portal via API.<br><br>**Contact Us, Privacy Policy, Terms & Condition, About Us Links**<br>Users will be able to click on the links to read the privacy policy, terms & condition, about us, and contact us information configured by the admin in the web backend |

| Fields and Validation | | |
|---|---|---|
| | Password | Text Field |
| | Password should follow below mentioned nomenclature<br>• Password will have minimum 8 and maximum 16 characters (Subject to API).<br>• Password should contain one upper case character.<br>• Password should contain one digit is required.<br>• Password should contain one special character (No space allowed)<br>• Password should contain one small character | |
| | Confirm Password | Text Field |
| | Password and confirm password value should match | |
| | Sign In | Link |
| | Join Now | Link |
| | Contact Us | Link |
| | Privacy Policy | Link |
| | About Us | Link |
| | Submit | Button |

### 4.1.3.3 Forget Password Confirmation Screen:




| | | |
|---|---|---|
| **Actors** | • Existing User<br>• New Register User | |
| **Requirement Definition** | Users will be able to view confirmation message for their new password. | |
| **Pre - Condition** | New password set for the users account. | |
| **Post – Condition** | Users will re-login into the web portal with the username and new password. | |
| **Business Rules / Logic** | **Logic**<br>• Users will be able to view confirmation for their new password.<br>• Users will click on 'Click here to login' button to redirect them to the login screen. | |
| **Fields and Validation** | | |
| | Click her to login | Button |

### 4.1.4 Header & Footer Menu

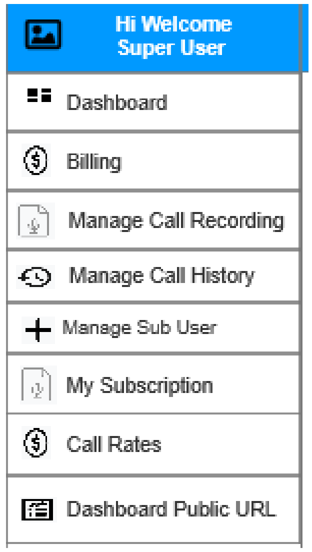
Header:


Footer:


| | |
|---|---|
| **Actors** | • Existing Users<br>• New Register Users |
| **Requirement Definition** | Users will be able to view the header and footer of the web portal. |
| **Pre - Condition** | Successful login required for existing and new register users in the web portal. |
| **Post – Condition** | Users will be able to change the language, view support Contact, Able to view my profile, view terms and condition, privacy policy, about us, and logout from the web portal |
| **Business Rules / Logic** | **Header Logic**<br><br>**Moitele Logo**<br>Users will be able to view the company logo, configured by the admin in the web backend. Clicking on the logo image, web portal will redirect the user to the 'dashboard' module.<br><br>**Language**<br>User will be able to change the language by selecting the language from the drop down selection. Only fields displayed in the web portal will be changed into the selected language. Enter text will be in English only.<br><br>**Contact Support**<br>Users will be able to view support contact email ID and phone number configured by the admin in the web back end.<br><br>**User Icon**<br>Users will be able to view following option in the user icon<br>• **My Profile:** Web portal will redirect the user to my profile module<br>• **Log Out:** Users will be log out from the web portal and redirected to the user login webpage<br><br>**Footer Logic**<br><br>**Contact Us**<br>Users will be able to view the contact us email ID and phone number configured by the admin in the web back end. Clicking on contact us |

| | | |
|---|---|---|
| | link the web portal will display contact us information pop-up window to the users.<br><br>**Terms & Condition**<br>Users will be able to view the terms and condition information configured by the admin in the web back end. Clicking on terms and condition link, web portal will display terms and condition information pop-up window to the users.<br><br>**Privacy Policy**<br>Users will be able to view the Privacy policy information configured by the admin in the web back end. Clicking on privacy policy link the web portal will display privacy policy information pop-up window to the users.<br><br>**About Us**<br>Users will be able to view the About us information configured by the admin in the web back end. Clicking on about us link the web portal will display about us information pop-up window to the users. | |
| **Fields and Validation** | | |
| | Logo | Image |
| | Language | Drop down selection |
| | Contact Us | Link |
| | User Icon | Image |
| | My Profile | Link |
| | Log Out | Link |
| | Terms and Condition | Link |
| | Privacy Policy | Link |
| | About us | Link |

### 4.1.5 Side Menu

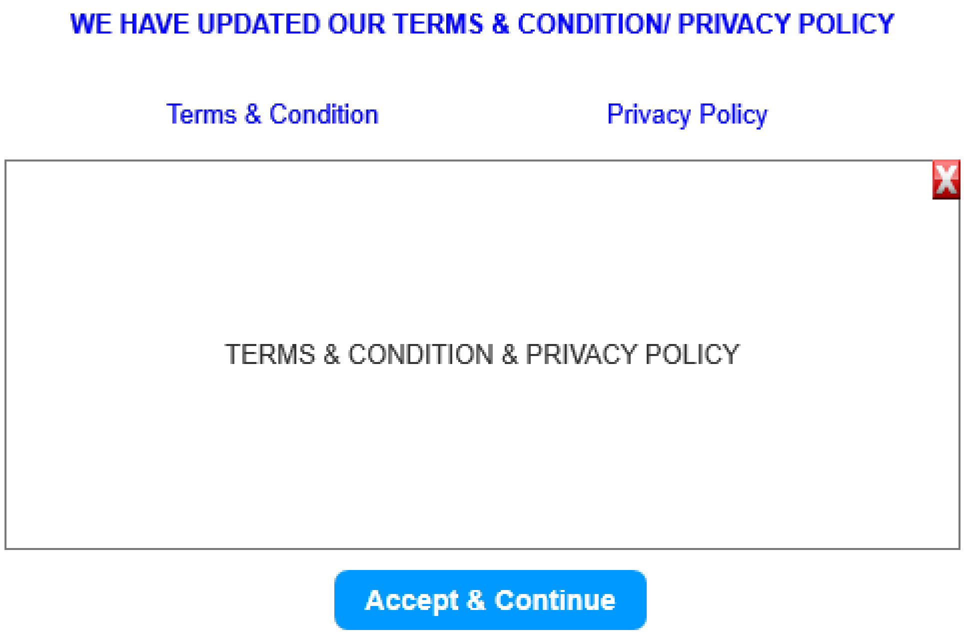



| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to view the side menu of the web portal. |
| **Pre - Condition** | Successful login required for existing and new register users in the web portal |
| **Post – Condition** | Users will be able to click on the menu option (link) to navigate between the modules of the web portal. |
| **Business Rules / Logic** | **Hi Welcome**<br>The web portal will display the name of the user logged into the web portal.<br><br>**Dashboard:**<br>Web page will redirect the users to dashboard screen<br><br>**Billing**<br>Web portal will redirect the users to billing screen<br><br>**Manage Call Recording**<br>Web Portal will redirect the users to call recording screen<br><br>**Manage Call History**<br>Web portal will redirect the users to call history screen<br><br>**Manage Sub User**<br>Web portal will redirect the users to manage sub user screen<br><br>**Manage Subscription**<br>Web portal will redirect the users to manage subscription screen |

| | |
|---|---|
| | **Call Rates**<br>Web portal will redirect the users to call rates screen<br><br>**Dashboard URL**<br>Web portal will redirect the users to dashboard public URL screen |
| **Fields and Validation** | |

| | | |
|---|---|---|
| | Hi Welcome | Read only text field |
| | Dashboard | Link |
| | Billing | Link |
| | Manage Call Recording | Link |
| | Manage Call History | Link |
| | Manage Sub User | Link |
| | Manage Subscription | Link |
| | Call Rates | Link |
| | Dashboard URL | Link |

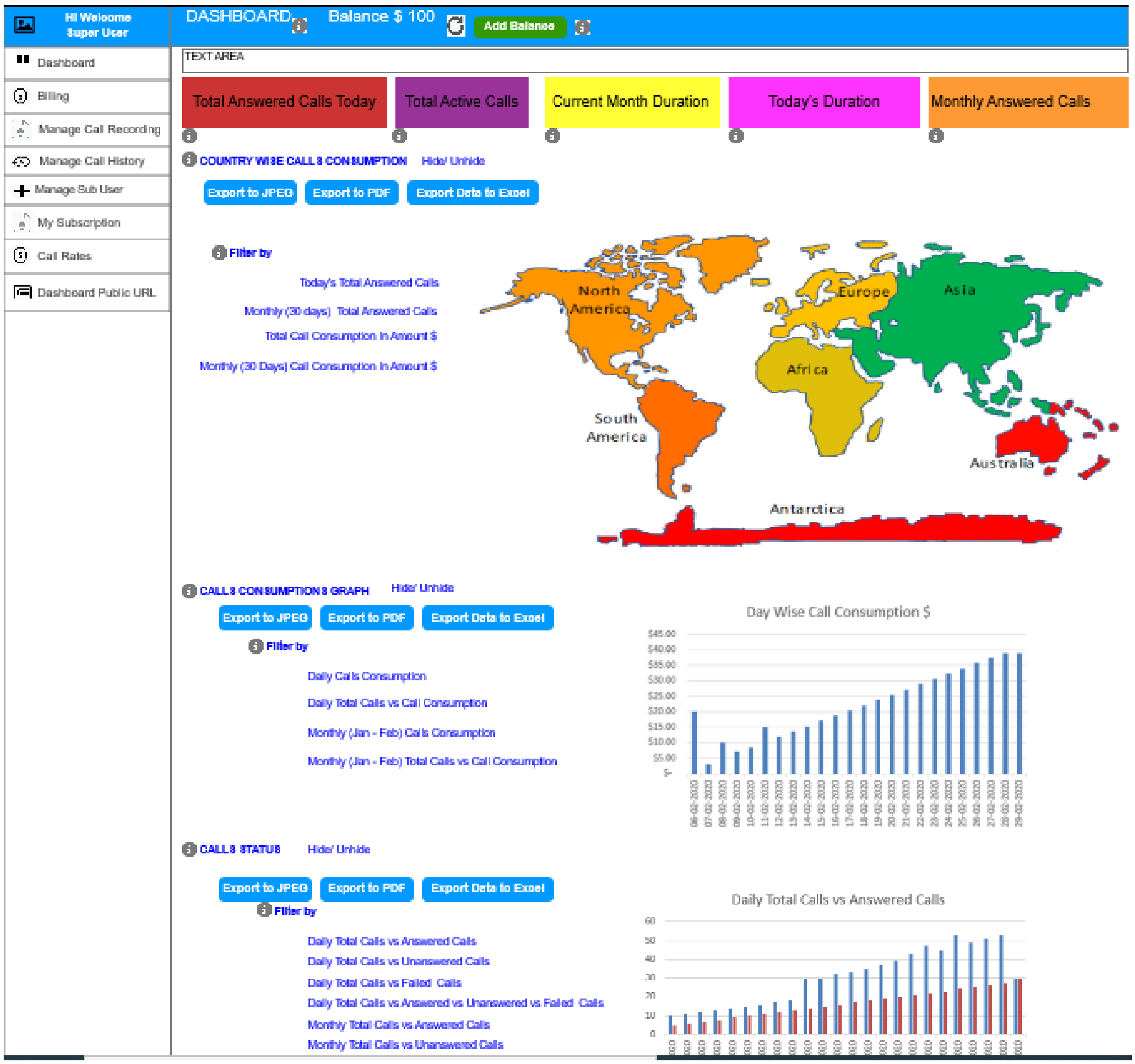
### 4.1.6 Privacy Policy and Terms & Condition Update Acceptance Screen:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register Users |
| **Requirement Definition** | If the ‘terms and condition’ or ‘privacy policy’ are updated by the admin in the web portal back end, then on Successful login, users will need to accept them to access the modules of the web portal. |
| **Pre - Condition** | Successful login required for existing users and new register users in the web portal. |
| **Post – Condition** | Users will be redirected to the dashboard module. |
| **Business Rules / Logic** | **Logic**<br>If the terms and condition or the privacy policy are updated by the admin in the web back end. Users will get notified about the same after they login into the web portal (Only once). They will be able to view and read the updated documents. To accept they will be able to click on ‘Accept and Continue’ button. Web portal will redirect the user to the ‘dashboard’ module<br><br>**Terms & Condition**<br>Clicking on terms and condition would display terms and condition information in a pop-up window.<br><br>**Privacy Policy**<br>Clicking on privacy policy would display privacy policy information in a pop-up window. |

<table>
<tr><td></td><td colspan="2">Accept & Continue<br>Clicking on the ‘Accept & Continue’ button will redirect the user to ‘dashboard’ page.</td></tr>
<tr><td rowspan="4">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Term & Condition</td><td>Link</td></tr>
<tr><td>Privacy Policy</td><td>Link</td></tr>
<tr><td>Accept and Continue</td><td>Button</td></tr>
</table>

### 4.1.7 Dashboard Screen:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register Users |
| **Requirement Definition** | Users will be able to access the 'dashboard' module functionality in the web portal. |
| **Pre - Condition** | Successful login required for existing and new register users into the web portal. |
| **Post – Condition** | Users will be able to perform below functionalities:<br>• Will be able to view dashboard data i.e. cards and graphs.<br>• Will be able to access the other modules of the web portal via side menu. |

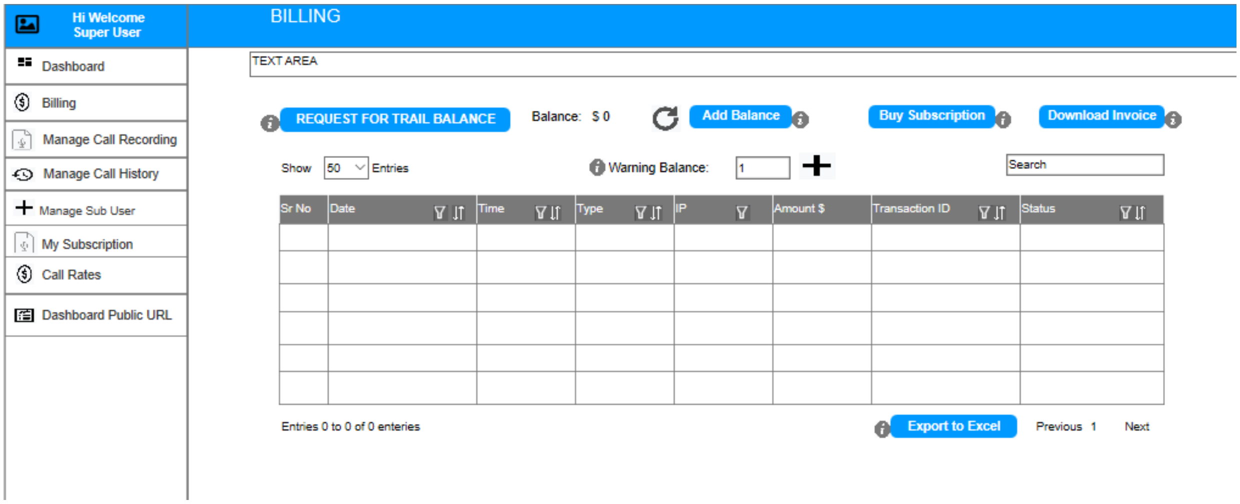
| | |
|---|---|
| **Business Rules / Logic** | **Text Area**<br>Users will be able to view the 'dashboard' module description in this section. The admin will configure the description in the web portal back end.<br><br>**Balance**<br>The user will be able to view the balance amount in the header. To add balance the user will click on 'add balance' button. The web portal will redirect the user to 'billing module' page to add the balance.<br><br>**Balance Business Rule**<br>• The Balance data will come from third party portal via API and will be displayed without storing the same in database.<br>• 'Refresh' button or icon to be displayed next to balance. The user will be able to click on 'refresh' button or icon, to refresh the balance amount. The web portal will request the data from the third party portal via API for every refresh.<br>• The web portal will receive the balance amount and currency units with respect to the user's location/ country from the third party portal via API.<br>• If no data is received from the third party portal via API, Zero value will be displayed in balance.<br><br>**Cards**<br>Users will be able to view the following cards:<br>• Today's total answered calls in numbers<br>• Today's total active calls in numbers<br>• Monthly's total call duration in hh:mm:ss format<br>• Today's total call duration in numbers in hh:mm:ss format<br>• Monthly's total answered calls in numbers<br><br>**Cards Business Rule**<br>• The data of the dashboard cards will be coming from third party portal via API and will be displayed without storing the same in the database.<br>• The cards data will be auto refreshed based on the time interval configured by the admin in the admin backend.<br>• The Answered calls and active calls will be in numbers.<br>• The duration (today and monthly) will be in time. The API will send the duration data in 'ss' format (seconds). The web portal will need to convert the duration format from 'ss' to 'hh:mm:ss 'format and display the same to the users.<br>• Monthly data will be of Max (30 days)<br>• If no data is received from the third party portal via API, Zero value to be displayed in the cards.<br>• The cards will be read only. |

| | |
|---|---|
| | **Dashboard Graphs & Map**<br><br>1. **Country Wise Calls Consumption (MAP)**<br>Users will be able to view the country wise calls consumption in a map. They can filter the graph by selecting following filters one at a time<br>• Today's total answered calls in numbers<br>• Monthly (30 days) total answered calls in numbers<br>• Total Call consumption in amount in amount<br>• Monthly (30 days) call consumption in amount<br><br>2. **Calls Consumption Graph (Bar Chart)**<br>Users will be able to view calls consumption graph. They can filter the graph by selecting following filters one at a time<br>• Daily calls consumption<br>• Daily total calls vs. calls consumption<br>• Monthly (Jan – Feb) calls consumption<br>• Monthly (Jan – Feb) total calls vs. calls consumption<br><br>3. **Calls Status Graph (Bar Chart)**<br>Users will be able to view calls call status graph. They can filter the graph by selecting following filters one at a time<br>• Daily Total calls vs. answered calls<br>• Daily Total calls vs. unanswered calls<br>• Daily total calls vs. failed calls<br>• Daily Total calls vs. answered calls vs. unanswered calls vs. failed calls<br>• Monthly total calls vs. answered calls<br>• Monthly total calls vs. unanswered calls<br>• Monthly total calls vs. failed calls<br>• Monthly total calls vs. answered calls vs. unanswered calls vs. failed calls<br><br>4. **Agent Wise Answered Calls (Bar Chart)**<br>Users will be able to view agent wise answered calls. The existing user will be able to view only those agents which are mapped to his account. They can filter the graph by selecting following filters one at a time<br>• Agent wise daily answered calls<br>• Agent wise monthly answered calls<br><br>5. **Source Wise Answered Calls (Bar Chart)**<br>Users will be able to view source wise answered calls. They can filter the graph by selecting following filters one at a time<br>• Source wise daily answered calls<br>• Source wise monthly answered calls |

| | |
|---|---|
| | **Dashboard Graph and Map Business Rule**<br>• All the graph and map to be displayed with the watermark. It will not affect the view of the graph. Data to be seen clearly.<br>• There are three ways to access the data for 'all graphs' and 'Map' i.e. via API's, via access the third party database directly, and via receiving an Email with CSV file.<br>• The CSV file data will be saved in the database and data will be displayed in the dashboard graphs and map accordingly.<br>• Users will be able to view previous date data, if data is received via 'email' (Schedule time to receive the email is 12:59 PM every day).<br>• If data is retrieving from accessing the 'third party database' then, users will be able to view current date data. The data will not be saved in the web portal database.<br>• The data to be auto refreshed as per the configured done by the admin in the web back end.<br>• Users will be able to 'hide or unhide' all the graph and map. To hide and unhide the user will click on 'Hide' and 'Unhide' link respectively.<br>• Users will be able to download all the graph and country wise map data individually in tabular format in excel. To download, users will need to click on 'Export to Excel' button. The user will be able to download the data for the selected filter graph only.<br>• Users will be able to download all the graph and country wise map images in PDF format for all the filters at once. To download, users will need to click on 'Export to PDF' button. Per PDF page one image or graph or map to be displayed. The image should be downloaded with watermark.<br>• Users will be able to click on 'Export to JPEG' to download the graph and country in JPEG format for all the filters at of the graph or map at once.<br>• The country wise map should display the data with legends (colour) i.e. if for England, answered calls is 40 numbers and for India the answered calls is 100 numbers. The map will display each country with different colours or legends based on the data.<br>• Users will be able to hover over the country in the map and would be able to view the data in bubble with respect to the filter selected i.e. if today's total answered calls filter is selected, and users hover over England country then, they will be able to view the count i.e. 40 Numbers (based on above given example) in bubble. This functionality to work with all the filters. If today call consumption filter is selected, then they will be able to view the amount when hover over the map in bubble displaying the amount. |

| | | |
|---|---|---|
| | • The user will also be able to hover over the graphs and relevant data to be displayed in bubble according to the filter selected. | |
| **Fields and Validation** | | |
| | Text | Text Field |
| | Filter | Link |
| | Refresh | Button |
| | Add Balance | Button |
| | Hide | Button |
| | Unhide | Button |
| | Export to PDF | Button |
| | Export to JPEG | Button |
| | Export to Excel | Button |

### 4.1.8 New Register User Billing Screen:



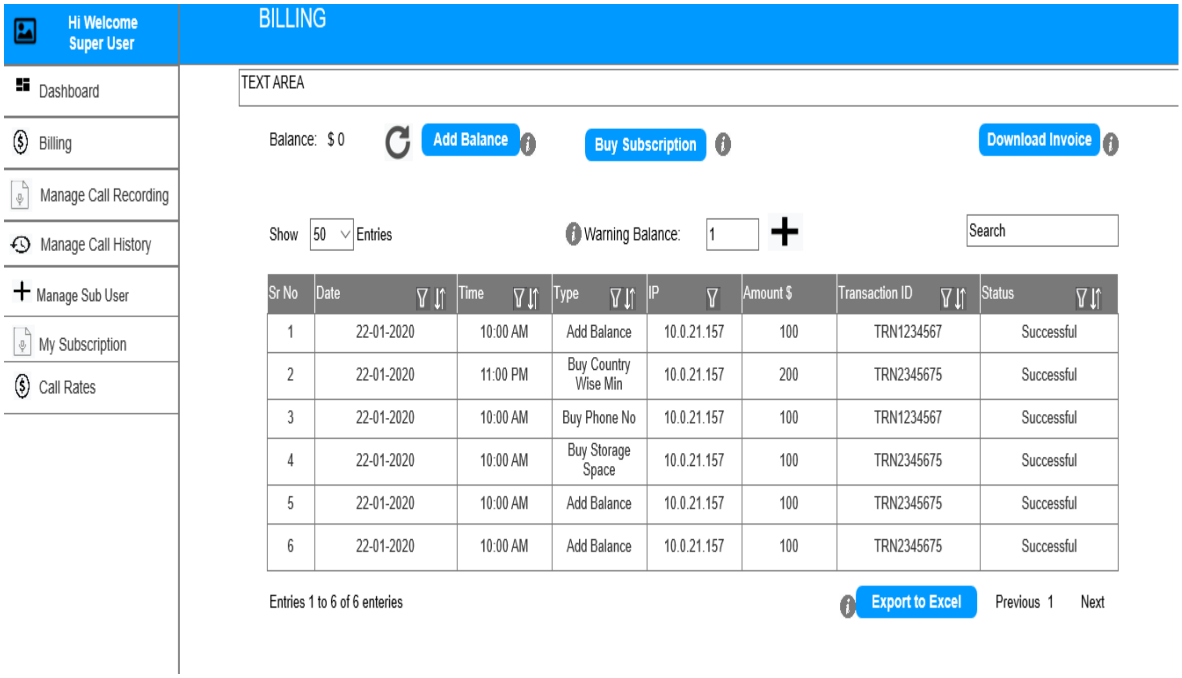

| | |
|---|---|
| **Actors** | New register users |
| **Requirement Definition** | Users will be able to access the billing module functionality in the web portal. |
| **Pre - Condition** | On ‘side menu’, users have clicked on ‘billing’ menu option link. |
| **Post – Condition** | Users will be able to perform below functionalities:<br>• Opt for trail credit balance<br>• View balance<br>• Add balance<br>• Buy subscription<br>• View purchase or transaction history<br>• Configure warning balance<br>• Download Invoice<br>• Export transaction data to excel |
| **Business Rules / Logic** | **Text Area**<br>Users will be able to view the description about the billing module. The admin will configure the description in the web portal back end.<br><br>**Trial Credit Balance**<br>Clicking on ‘Trial Credit Balance’ button. Web portal will check the user profile information first. If required information is not available in ‘my profile’ module, then the web portal will validate the user to complete the user profile and try again for the request trial balance.<br><br>If the user profile is complete, then the web portal will display a ‘trial balance request submit success’ notification message to the user. A notification email will also be triggered to the admin with below user information:<br>• Name |

| | |
|---|---|
| | • Phone No<br>• Email ID<br>• Organization Name<br><br>Trial credit balance request can be opted by the user only once.<br><br>**Balance**<br>Users will be able to view the balance amount. To add balance they will click on 'add balance' button. To refresh the balance amount they will click on 'refresh button'. The web portal will trigger the third party portal API to refresh the data.<br><br>The third party portal will send the balance amount and currency units with respect to the user's country or location. Same needs to be displayed in the web portal.<br><br>**Add Balance**<br>Clicking on 'Add balance' button, Add balance pop-up window will be displayed with relevant options to the users.<br><br>**Buy Subscription**<br>Clicking on 'Buy Subscription' button, Buy subscription pop-up window will displayed with relevant options to the users.<br><br>**Warning Balance**<br>Users will be able to configure the warning balance. Once it is configured the data will be sent to the third party portal via API.<br>To update the warning balance, the user will be able to enter the number in the text field and click on 'add' icon. The warning balance can be updated n number of times.<br><br>**Download Invoice**<br>Users will be redirected to the 'Thrivecart portal'. When click on download invoice a text to be displayed to the user with instruction or steps to follow to download invoices as mentioned below:<br>• All the invoices will be download from the thrivecart.<br>• Users will need to enter the email ID/ auto populate the email ID from the user my profile.<br>• Users will receive the thrivecart login password in the provided mail ID.<br>• Users will log-in to the thrivecart and will download the relevant invoice.<br>• This Invoices will not be saved in the web portal.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the |

| | |
|---|---|
| | drop down selection. Based on the selection number of rows will be displayed in the transaction table. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries per page in the transaction table at bottom of the table.<br><br>**Search**<br>Users will be able to search the transaction data with keywords. The transaction table will filter out with the entered keyword<br><br>**Transaction Table**<br>The user will be able to view the transaction history in the table. The table header is subject to the API. Table will contain the following headers:<br>• **Serial No**<br>• **Date:** users will be able to sort the data in ascending or descending order also will be able to filter the data with respect to date selection i.e. from date and to date.<br>• **Time:** users will be able to sort the data with respect to the time. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection.<br>• **Type:** Users will be able to view the type of the transaction i.e. add balance or purchase subscription. They will be able to sort the data in ascending or descending order and can also filter out the data with respect to the type.<br>• **IP:** The ID from which the users has performed the transaction to be displayed. They will also be able to filter the data with respect to an IP.<br>• **Amount:** Transaction amount will be displayed here.<br>• **Transaction ID:** User will be able to view the transaction history. They can also be able to filter the data with respect to the transaction ID also can sort the data in ascending or descending order with respect to the transaction ID.<br>• **Status:** users will be able to view the status of the transaction such as failure or successful.<br>• Data in this table will be coming from third party portal via API.<br>• The third party portal will send the amount or currency data with respect to users location or country<br><br>**Export to Excel**<br>Users will be able to extract the filter data in excel format. |

| | | |
|---|---|---|
| | **Previous and Next**<br>Based on the show entries selection, to view previous or next data user will click on ‘Previous’ or ‘Next’ button respectively. | |
| **Fields and Validation** | | |
| | Text | Text Field |
| | Trial Credit Balance | Button |
| | Refresh | Link |
| | Add Balance | Button |
| | Buy Subscription | Button |
| | Download Invoice | Button |
| | Show Entries | Drop down selection |
| | Warning Balance | Number |
| | Warning Add Balance | Icon |
| | Search | Text Field |
| | Export to Excel | Button |
| | Previous | Button |
| | Next | Button |

## 4.1.9 Existing User Billing Screen:




| | |
|---|---|
| **Actors** | Existing User |
| **Requirement Definition** | Users will be able to access the billing module functionality in the web portal. |
| **Pre - Condition** | On ‘side menu’, users have clicked on ‘billing’ menu option. |
| **Post – Condition** | Users will be able to perform below functionalities:<br>• View balance<br>• Add balance<br>• Buy subscription<br>• View purchase or transaction history<br>• Configure warning balance<br>• Download Invoice<br>• Export transaction data to excel |
| **Business Rules / Logic** | **Text Area**<br>Users will be able to view the description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Balance**<br>Users will be able to view the balance amount. To add balance they will click on ‘add balance’ button. To refresh the balance amount they will click on ‘refresh button’. The web portal will trigger the third party portal API to refresh the data. |

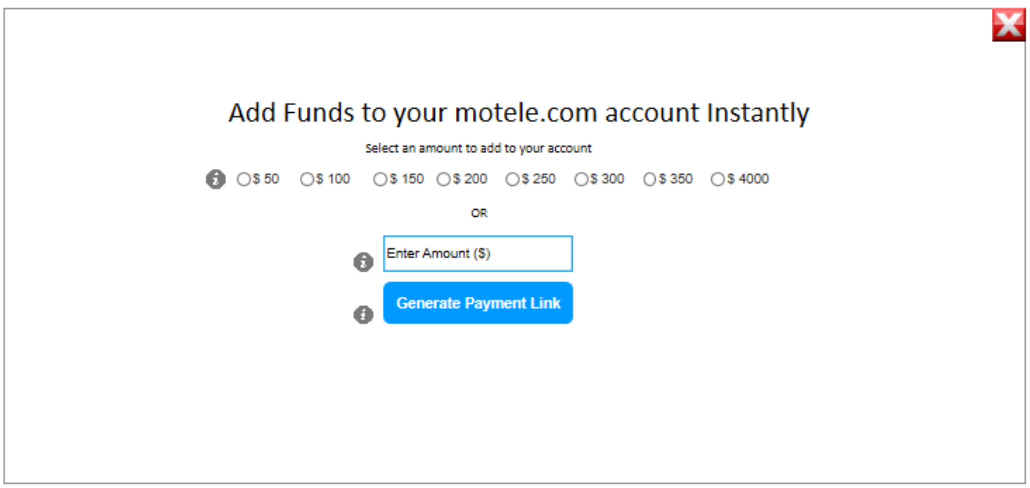
| | |
|---|---|
| | The third party portal will send the balance amount and currency units with respect to the user's country or location. Same needs to be displayed in the web portal.<br><br>**Add Balance**<br>Clicking on 'Add balance' button, Add balance pop-up window will be displayed with relevant options to the users.<br><br>**Buy Subscription**<br>Clicking on 'Buy Subscription' button, Buy subscription pop-up window will displayed with relevant options to the users.<br><br>**Warning Balance**<br>Users will be able to configure the warning balance. Once it is configured the data will be sent to the third party portal via API.<br>To update the warning balance, the user will be able to enter the number in the text field and click on 'add' icon. The warning balance can be updated n number of times.<br><br>**Download Invoice**<br>Users will be redirected to the 'Thrivecart portal'. When click on download invoice a text to be displayed to the user with instruction or steps to follow to download invoices as mentioned below:<br>• All the invoices will be download from the thrivecart.<br>• Users will need to enter the email ID/ auto populate the email ID from the user my profile.<br>• Users will receive the thrivecart login password in the provided mail ID.<br>• Users will log-in to the thrivecart and will download the relevant invoice.<br>• This Invoices will not be saved in the web portal.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the transaction table. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries per page in the transaction table at bottom of the table.<br><br>**Search**<br>Users will be able to search the transaction data with keywords. The transaction table will filter out with the entered keyword<br><br>**Transaction Table**<br>The user will be able to view the transaction history in the table. The table header is subject to the API. Table will contain the |

| | |
|---|---|
| | following headers:<br>• **Serial No**<br>• **Date:** users will be able to sort the data in ascending or descending order also will be able to filter the data with respect to date selection i.e. from date and to date.<br>• **Time:** users will be able to sort the data with respect to the time. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection.<br>• **Type:** Users will be able to view the type of the transaction i.e. add balance or purchase subscription. They will be able to sort the data in ascending or descending order and can also filter out the data with respect to the type.<br>• **IP:** The ID from which the users has performed the transaction to be displayed. They will also be able to filter the data with respect to an IP.<br>• **Amount:** Transaction amount will be displayed here.<br>• **Transaction ID:** User will be able to view the transaction history. They can also be able to filter the data with respect to the transaction ID also can sort the data in ascending or descending order with respect to the transaction ID.<br>• **Status:** users will be able to view the status of the transaction such as failure or successful.<br>• Data in this table will be coming from third party portal via API.<br>• The third party portal will send the amount or currency data with respect to users location or country<br><br>**Export to Excel**<br>Users will be able to extract the filter data in excel format. |
| **Fields and Validation** | |

| | |
|---|---|
| Text | Text Field |
| Refresh | Link |
| Add Balance | Button |
| Buy Subscription | Button |
| Download Invoice | Button |
| Show Entries | Drop down selection |

| | | |
|---|---|---|
| | Warning Balance | Number |
| | Warning Add Balance | Icon |
| | Search | Text Field |
| | Export to Excel | Button |
| | Previous | Button |
| | Next | Button |

### 4.1.10 Add Balance Screen:

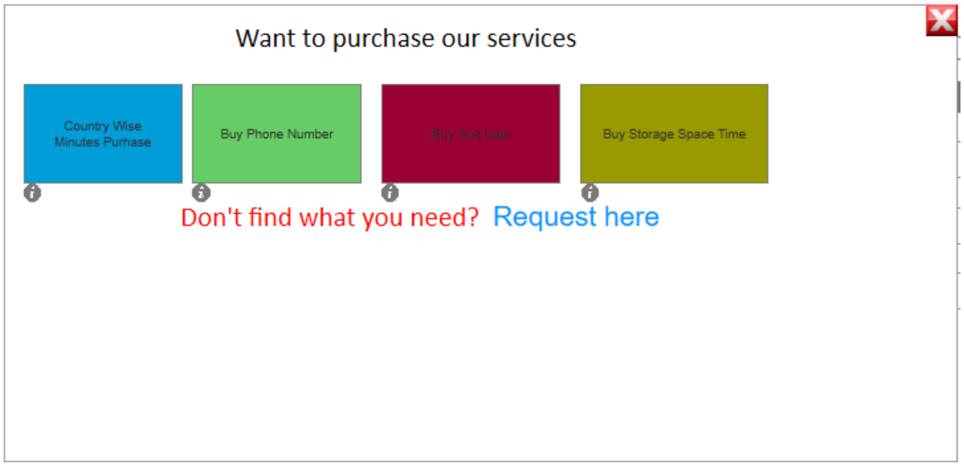



| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to add balance in the web portal |
| **Pre - Condition** | On ‘billing web page’, users have clicked on ‘add balance’ button. |
| **Post – Condition** | Balance will be updated in the web portal after successful transaction from third party portal via API. |
| **Business Rules / Logic** | **Amount**<br>Users will be able to select the amount displayed with check box or will be able to enter the amount manually. The displayed amount in the check box will be configured by the admin in the web back end.<br><br>**Generate Payment Link**<br>When the user clicks on ‘Generate Payment link’ button, the web portal first will check the user profile information. If the user profile |

<table>
<tr>
<td></td>
<td colspan="2">information is incomplete then relevant message to be displayed i.e. “incomplete profile information” Users need to complete the required information in ‘my profile’ module.<br><br>Web portal will generate the thrivecart payment link and will prefill the required data with respect to the information available in ‘my profile’ module. Sample thrive cart link given below. Following are the payment links of thrivecart. Web portal will redirect the users to thrivecart link in the new tab window.<br><br>In Thrive cart there are various ways to generate link as mentioned below:<br>• one page check out<br>• multi-page check out<br>• pop up check out<br>• embedded checkout<br>• Pre-filled data checkout<br><br>Sample Thrive cart links:<br>• https://shri.thrivecart.com/top-up-xx-usd/?passthrough[customer_email]=rajat@appikon.com&passthrough[customer_company]=Appikon&passthrough[customer_name]=Rajat%20K&passthrough[customer_address_line1]=Nagpur&passthrough[customer_address_city]=Nagpur&passthrough[customer_address_state]=Maharashtra&passthrough[customer_address_zip]=440033<br>• https://shri.thrivecart.com/top-up-xx-usd/<br>• https://payments.shrivoice.com/communication-service-sp/<br>• https://payments.shrivoice.com/communication-service-multistep/<br><br>Once the payment is successful in thrivecart. Web portal will receive success message from thrivecart, same success message to be displayed to the users.<br><br>The web portal will request the third party portal to update the account balance for the users. For unsuccessful transaction, relevant message to be displayed to the users.</td>
</tr>
<tr>
<td rowspan="2">Fields and Validation</td>
<td colspan="2"></td>
</tr>
<tr>
<td>Amount Check Box</td>
<td>Check box</td>
</tr>
</table>

| | | |
|---|---|---|
| | Users will be able to select only one check box at a time | |
| | Add Amount | Number field |
| | Generate Payment Link | Button |

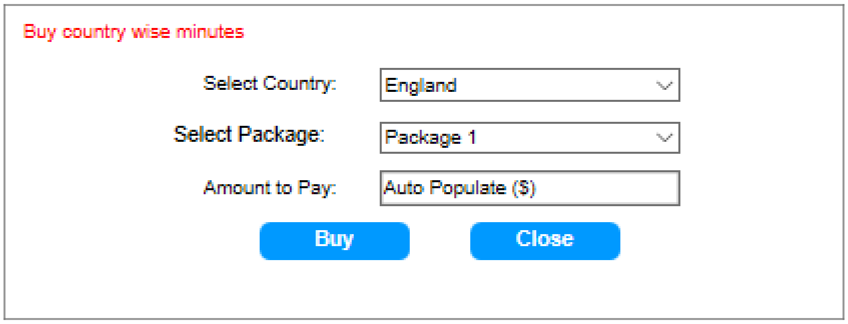
### 4.1.11 Buy Subscription Window Screen:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to buy subscription in the web portal. |
| **Pre - Condition** | On billing web page, users have clicked on 'Buy subscription button. |
| **Post – Condition** | Users will be able to perform following functionalities:<br>• Buy country wise minutes subscription<br>• Buy phone number<br>• Buy sub user account<br>• Buy recording storage space |
| **Business Rules / Logic** | **Buy Country Wise Minutes**<br>Users will be able to buy 'country wise minute's' subscription. Clicking on 'Buy Country Wise Minutes' button, web portal will display 'Buy country wise pop-up window' to the users.<br><br>**Buy Phone Number**<br>Users will be able to buy phone numbers. Clicking on 'Buy phone number' button, web portal will display 'Buy phone number pop-up window' to the users<br><br>**Buy Sub Users**<br>Users will be able to buy 'sub users account'. Clicking on 'Buy sub users' button, web portal will display 'Buy sub user pop-up window' to the users.<br><br>**Buy Storage Space (GB)**<br>Users will be able to buy 'storage space'. Clicking on 'Buy storage space' button, web portal will display 'Buy storage space window' to |

<table>
<tr><td></td><td colspan="2">the users in the current tab.<br><br>Request Here<br>Users will be having the provision to request for any other services they are looking for which are not available in the web portal. Clicking on ‘request here link’, the web portal will display the contact form where the user will be able to enter their requirement in description. A notification email will be send to the admin with the information once the user submit the request. The request will be processed offline.<br><br>Close<br>User will click on close button to close the buy subscription pop-up window.</td></tr>
<tr><td rowspan="6">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Buy Country Wise Minutes</td><td>Button</td></tr>
<tr><td>Buy Phone Numbers</td><td>Button</td></tr>
<tr><td>Buy Sub Users</td><td>Button</td></tr>
<tr><td>Buy Storage Space</td><td>Button</td></tr>
<tr><td>Close</td><td>Button</td></tr>
</table>

### 4.1.11.1 Buy Country Wise Minutes Screen:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to buy 'country wise minutes' subscription in the web portal. |
| **Pre - Condition** | On 'Buy subscription' pop-up window, users have clicked on 'Buy Country Wise Minutes' button. |
| **Post – Condition** | Users will be redirected to the 'buy country wise confirmation pop-up window', to confirm the purchase of the country wise minutes. |
| **Business Rules / Logic** | **Select Country**<br>Users will be able to select the country from the drop down selection. The country data will be provided by the third party portal via API.<br><br>**Select Package**<br>Users will be able to select the package from the drop down selection. The package data will be provided by the third party portal via API. The package details will be filtered out with respect to the country selection.<br><br>**Amount to Pay:**<br>Amount to pay will be auto populate based on the package selected. Third party portal will provide the data based on the package selected via API.<br><br>**Buy:**<br>To buy the subscription, users will click on 'buy' button.<br>**Condition 1:** The web portal will check the balance available in the users account in 'billing' module. If the balance is less than the amount to pay value, then web portal will validate the user for insufficient balance.<br>**Condition 2:** If balance is available, web portal will display buy 'country wise minutes pop-up confirmation window' to the users.<br><br>**Close:** |

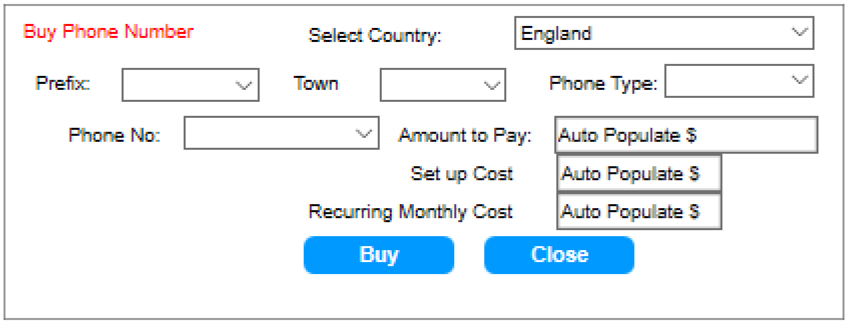
| | |
|---|---|
| | The 'Buy country wise pop-up window' will be closed and the user will be redirected to the 'buy subscription screen'<br><br>**Buy Subscription Business Rule**<br>Subscription amount will be deducted from the balance.<br><br>**Condition:** If the user wants to buy 'country wise minutes subscription', there are multiple checks as follows (Suppose the subscription is of $20)<br>• Web portal will check, does the user has $20 in his account or not i.e. in balance amount in the web portal billing module? If the amount is available, the web portal will trigger "create subscription API" to the telecom server (third party portal) for purchasing subscription.<br>• The telecom server again will check the user has enough balance, if balance is available the telecom server will automatically deduct the subscription amount from the balance and will send the success confirmation to the web portal. The web portal will display the success message to the users.<br>• If the user have insufficient fund in the web portal account balance. The web portal will validate the user to add funds before triggering the create subscription API to the telecom server. |
| **Fields and Validation** | |

| | |
|---|---|
| Select Country | Drop down |
| Select Package | Drop Down |
| Amount to be displayed | Text |
| This will be read only text field | |
| Buy | Button |
| Close | Button |

### 4.1.11.2 Buy Country Wise Confirmation Screen:


<table>
<tr><td>Actors</td><td><ul><li>Existing User</li><li>New Register User</li></ul></td></tr>
<tr><td>Requirement Definition</td><td>Users will be able to confirm if they want to buy the selected ‘country wise minutes subscription’ or not</td></tr>
<tr><td>Pre - Condition</td><td>On ‘buy country wise window’, users have clicked on ‘Buy’ button.</td></tr>
<tr><td>Post – Condition</td><td>‘Country wise minutes subscription’ purchased by the users will be added to their account. Details will be send to the third party portal via API. Else the user will cancel the process.</td></tr>
<tr><td>Business Rules / Logic</td><td>Text<br>Confirmation text will be displayed to the users with the ‘selected country and package with the amount’.<br><br>Yes<br>To confirm and purchase the subscription, users will click on ‘Yes’ button. The web portal will trigger the ‘Create subscription API’ to the telecom server i.e. third party portal and will display success notification to the users if true value is received from them via API.<br><br>No<br>Users will click on ‘No’ button if they do not want to proceed with the subscription. The confirmation pop-up screen will close and the user will be redirected to the ‘buy country wise minutes subscription window’ without refreshing the web page.</td></tr>
<tr><td>Fields and Validation</td><td><table><tr><td>Yes</td><td>Button</td></tr><tr><td>No</td><td>Button</td></tr></table></td></tr>
</table>

### 4.1.11.3 Buy Phone Number Screen:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to buy 'phone number subscription' in the web portal |
| **Pre - Condition** | On 'Buy subscription' window, users have clicked on 'Buy Phone number' button. |
| **Post – Condition** | Users will be redirected to the 'buy phone number confirmation window' to confirm the purchase of the phone number. |
| **Business Rules / Logic** | **The fields will be subject to the API**<br><br>**Select Country**<br>Users will be able to select the 'country' from the drop down selection. The country data will be provided by the third party portal via API.<br><br>**Prefix**<br>Users will be able to select the 'prefix' from the drop down selection. The prefix data will be provided by the third party portal via API. The prefix details will be filtered with respect to the country selection.<br><br>**Town**<br>Users will be able to select the 'Town' from the drop down selection. The Town data will be provided by the third party portal via API. The Town details will be filtered with respect to the country selection.<br><br>**Phone Type**<br>Users will be able to select the 'phone type' from the drop down selection. The phone type data will be provided by the third party portal via API.<br><br>**Phone Number**<br>Users will be able to select the 'phone numbers' from the drop down selection. The phone type data will be provided by the third party portal via API. The phone number to be filtered with respect to |

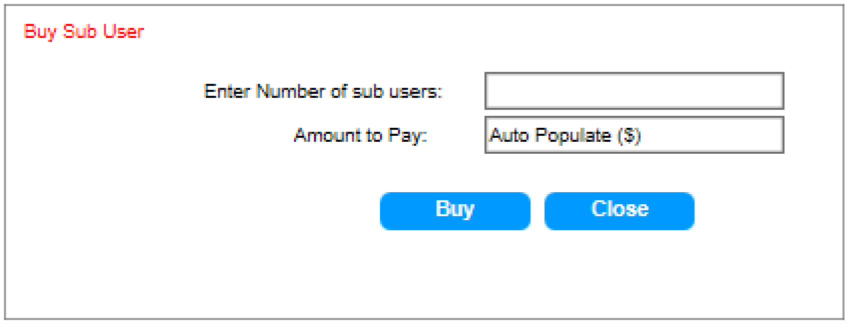
| | |
|---|---|
| | country, prefix, town, and phone type.<br><br>**Amount to Pay:**<br>'Amount to pay' will auto populate based on the phone number selected. The data will be provided by the third party portal via API.<br><br>**Setup cost:**<br>Users will be able to view the one time set up cost amount value. The data will be provided by the third party portal via API.<br><br>**Recurring monthly cost:**<br>Users will be able to view 'recurring monthly cost' amount value. The data will be provided by the third party portal via API.<br><br>**Buy:**<br>To buy the subscription, users will click on 'buy' button.<br>**Condition 1:** The web portal will check the balance available in the users account in 'billing' module. If the balance is less than the amount to pay value, then web portal will validate the user for insufficient balance.<br>**Condition 2:** If balance is available, web portal will display 'buy phone number pop-up confirmation window' to the users.<br><br>**Close**<br>The 'Buy phone number pop-up window' will be closed and the user will be redirected to the 'buy subscription screen'<br><br>**Buy Subscription Business Rule**<br>Subscription amount will be deducted from the balance.<br>**Condition:** If the user wants to buy 'phone number subscription', there are multiple checks as follows (Suppose the subscription is of $20)<br>• Web portal will check, does the user has $20 in his account or not i.e. in balance amount in the web portal? If the amount is available, the web portal will trigger "create subscription API" to the telecom server (third party portal) for purchasing subscription.<br>• The telecom server again will check the user has enough balance, if balance is available the telecom server will automatically deduct the subscription amount from the balance and will send the success confirmation to the web portal. The web portal will display the success message to the users.<br>• If the user have insufficient fund in the web portal account balance. The web portal will validate the user |

| | | |
|---|---|---|
| | to add funds before triggering the create subscription API to the telecom server. | |
| **Fields and Validation** | | |
| | Select Country | Drop down |
| | Select Prefix | Drop Down |
| | Select Town | Drop Down |
| | Select Phone Type | Drop Down |
| | Select Phone Number | Drop Down |
| | Amount to be displayed | Text Field |
| | This will be read only text field | |
| | Set Up Cost | Text Field |
| | This will be read only text field | |
| | Recurring Monthly Cost | Text Field |
| | This will be read only text field | |
| | Buy | Button |
| | Close | Button |

### 4.1.11.4 Buy Phone Number Confirmation Screen:


<table>
<tr><td>Actors</td><td><ul><li>Existing User</li><li>New Register User</li></ul></td></tr>
<tr><td>Requirement Definition</td><td>Users will be able to confirm if they want to buy the selected ‘phone number subscription’ or not.</td></tr>
<tr><td>Pre - Condition</td><td>On ‘buy phone number pop-up window’, users have clicked on ‘Buy’ button.</td></tr>
<tr><td>Post – Condition</td><td>Phone number subscription purchased by the users will be added to their account. Details will be send to the third party portal via API. Else the user will cancel the process.</td></tr>
<tr><td>Business Rules / Logic</td><td>Text<br>Confirmation text will be displayed to the users with the selected ‘phone number’ and the ‘amount to pay’.<br><br>Yes<br>To confirm and purchase the subscription, users will click on ‘Yes’ button. The web portal will trigger the ‘Create subscription API’ to the telecom server i.e. third party portal and will display success notification to the users if true value is received from them via API.<br><br>No<br>Users will click on ‘No’ button if they do not want to proceed with the subscription. The confirmation pop-up screen will close and the user will be redirected to the ‘buy phone number subscription pop-up window’ without refreshing the web page.</td></tr>
<tr><td>Fields and Validation</td><td><table><tr><td>Yes</td><td>Button</td></tr><tr><td>No</td><td>Button</td></tr></table></td></tr>
</table>

### 4.1.11.5 Buy Sub Users Screen:



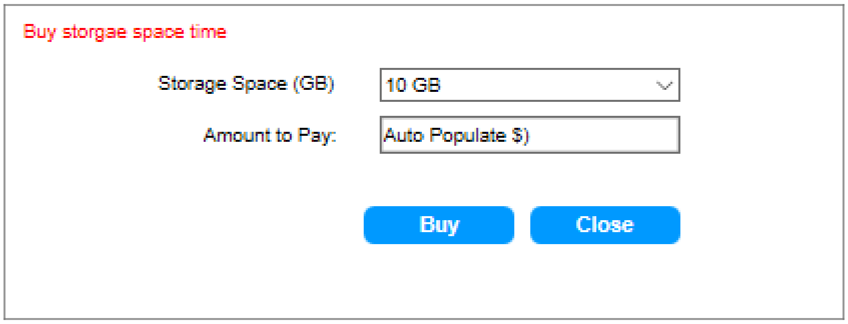

| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to buy 'sub user' in the web portal. |
| **Pre - Condition** | On 'Buy subscription' window, users have clicked on 'Buy Sub User' button. |
| **Post – Condition** | Users will be redirected to the 'buy sub user confirmation pop-up window', to confirm the purchase of the sub user. |
| **Business Rules / Logic** | **Enter Number of users**<br>Users will be able to enter the number of sub users they want to subscribe or purchases.<br><br>**Amount to Pay:**<br>Amount will auto populate based on the number of 'sub user' entered by the user. The data will be provided by the third party portal via API.<br><br>**Buy:**<br>To buy the subscription, users will click on 'buy' button.<br>**Condition 1:** The web portal will check the balance available in the users account in 'billing' module. If the balance is less than the amount to pay value, then web portal will validate the user for insufficient balance.<br>**Condition 2:** If balance is available, web portal will display 'buy sub user pop-up confirmation window' to the users.<br><br>**Close**<br>The 'Buy sub user pop-up window' will be closed and the user will be redirected to the 'buy subscription screen'<br><br>**Buy Subscription Business Rule**<br>Subscription amount will be deducted from the balance. |

<table>
<tr><td rowspan="1"></td><td colspan="2">Condition: If the user wants to buy sub users subscription, there are multiple checks as follows (Suppose the subscription is of $20)<ul><li>Web portal will check, does the user has $20 in his account or not i.e. in balance amount in the web portal? If the amount is available, the web portal will trigger “create subscription API” to the telecom server (third party portal) for purchasing subscription.</li><li>The telecom server again will check the user has enough balance, if balance is available the telecom server will automatically deduct the subscription amount from the balance and will send the success confirmation to the web portal. The web portal will display the success message to the users.</li><li>If the user have insufficient fund in the web portal account balance. The web portal will validate the user to add funds before triggering the create subscription API to the telecom server.</li></ul></td></tr>
<tr><td rowspan="8">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Select Country</td><td>Drop down</td></tr>
<tr><td>Select Prefix</td><td>Drop Down</td></tr>
<tr><td>Enter the number of sub users</td><td>Drop Down</td></tr>
<tr><td>Amount to be displayed</td><td>Text Field</td></tr>
<tr><td colspan="2">This will be read only text field</td></tr>
<tr><td>Buy</td><td>Button</td></tr>
<tr><td>Close</td><td>Button</td></tr>
</table>

### 4.1.11.6 Buy Phone Number Confirmation Screen:


<table>
<tr><td>Actors</td><td><ul><li>Existing User</li><li>New Register User</li></ul></td></tr>
<tr><td>Requirement Definition</td><td>Users will be able to confirm if they want to buy the selected sub user subscription or not.</td></tr>
<tr><td>Pre - Condition</td><td>On ‘buy sub use pop-up window’, users have clicked on ‘Buy’ button.</td></tr>
<tr><td>Post – Condition</td><td>‘Sub user subscription’ purchased by the users will be added to their account. Details will be send to the third party portal via API. Else the user will cancel the process.</td></tr>
<tr><td>Business Rules / Logic</td><td>Text<br>Confirmation text will be displayed to the users with the ‘number of sub users’ with the ‘amount to pay’.<br><br>Yes<br>To confirm and purchase the subscription, users will click on ‘Yes’ button. The web portal will trigger the ‘Create subscription API’ to the telecom server i.e. third party portal and will display success notification to the users if true value is received from them via API.<br><br>No<br>Users will click on ‘No’ button if they do not want to proceed with the subscription. The confirmation pop-up screen will close and the user will be redirected to the ‘buy sub user subscription pop-up window’ without refreshing the web page.</td></tr>
<tr><td>Fields and Validation</td><td><table><tr><td>Yes</td><td>Button</td></tr><tr><td>No</td><td>Button</td></tr></table></td></tr>
</table>

### 4.1.11.7 Buy Storage Space Screen:



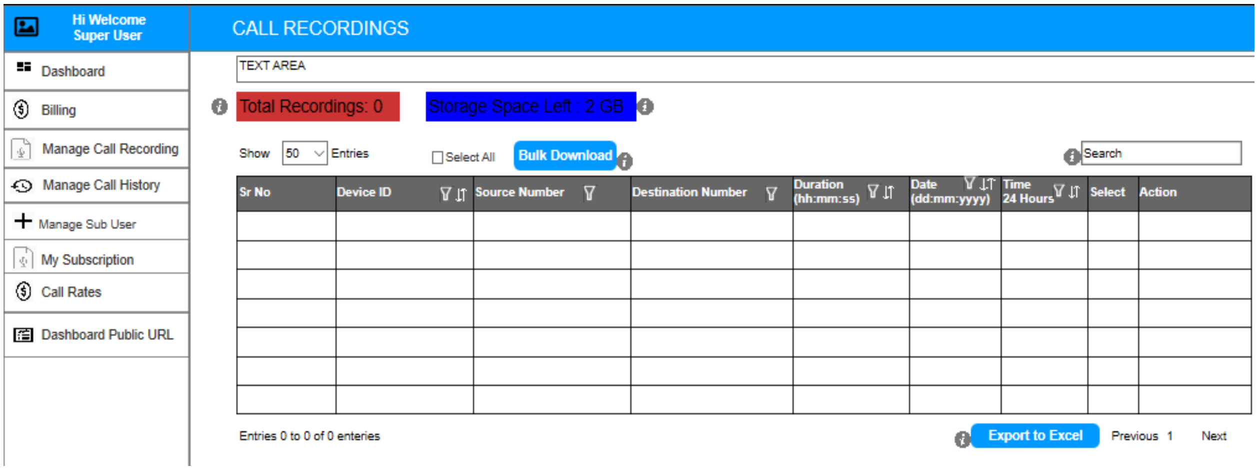

| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to 'buy storage space' in the web portal |
| **Pre - Condition** | On 'Buy subscription window', users have clicked on 'Buy Storage Space' button. |
| **Post – Condition** | Users will be redirected to the 'buy storage space confirmation pop-up window', to confirm the purchase of the storage space. |
| **Business Rules / Logic** | **Storage Space (GB)**<br>Users will be able to select the storage space from the drop down selection. The data will be coming from the third party portal via API.<br><br>**Amount to Pay:**<br>'Amount to pay' will auto populate based on the storage space selected by the user. The data will be provided by the third party portal via API.<br><br>**Buy:**<br>To buy the subscription, users will click on 'buy' button.<br>**Condition 1:** The web portal will check the balance available in the users account in 'billing' module. If the balance is less than the amount to pay value, then web portal will validate the user for insufficient balance.<br>**Condition 2:** If balance is available, web portal will display 'buy storage space pop-up confirmation window' to the users.<br><br>**Close**<br>The 'Buy storage space pop-up window' will be closed and the user will be redirected to the 'buy subscription screen'<br><br>**Buy Subscription Business Rule**<br>Subscription amount will be deducted from the balance.<br>**Condition:** If the user wants to 'buy storage space subscription', there are multiple checks as follows (Suppose the subscription is of $20) |

| | | |
|---|---|---|
| | <ul><li>Web portal will check, does the user has $20 in his account or not i.e. in balance amount in the web portal? If the amount is available, the web portal will trigger “create subscription API” to the telecom server (third party portal) for purchasing subscription.</li><li>The telecom server again will check the user has enough balance, if balance is available the telecom server will automatically deduct the subscription amount from the balance and will send the success confirmation to the web portal. The web portal will display the success message to the users.</li><li>If the user have insufficient fund in the web portal account balance. The web portal will validate the user to add funds before triggering the create subscription API to the telecom server.</li></ul> | |
| **Fields and Validation** | | |
| | Select Storage Space | Drop down |
| | Amount to be displayed | Text Field |
| | This will be read only text field | |
| | Buy | Button |
| | Close | Button |

### 4.1.11.8 Buy Storage Space Confirmation Screen:


<table>
<tr><td>Actors</td><td colspan="2"><ul><li>Existing User</li><li>New Register User</li></ul></td></tr>
<tr><td>Requirement Definition</td><td colspan="2">Users will be able to confirm if they want to buy the selected ‘storage space subscription’ or not.</td></tr>
<tr><td>Pre - Condition</td><td colspan="2">On ‘Buy Storage space’ window, users have clicked on ‘Buy’ button.</td></tr>
<tr><td>Post – Condition</td><td colspan="2">Storage space subscription purchased by the users will be added to their account. Details will be send to the third party portal via API. Else the user will cancel the process.</td></tr>
<tr><td>Business Rules / Logic</td><td colspan="2">Text<br>Confirmation text will be displayed to the users with the ‘storage space’ and ‘amount to pay’s.<br><br>Yes<br>To confirm and purchase the subscription, users will click on ‘Yes’ button. The web portal will trigger the ‘Create subscription API’ to the telecom server i.e. third party portal and will display success notification to the users if true value is received from them via API.<br><br>No<br>Users will click on ‘No’ button if they do not want to proceed with the subscription. The confirmation pop-up screen will close and the user will be redirected to the ‘buy storage space subscription pop-up window’ without refreshing the web page.</td></tr>
<tr><td rowspan="3">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Yes</td><td>Button</td></tr>
<tr><td>No</td><td>Button</td></tr>
</table>

### 4.1.12 Call Recording Screen:

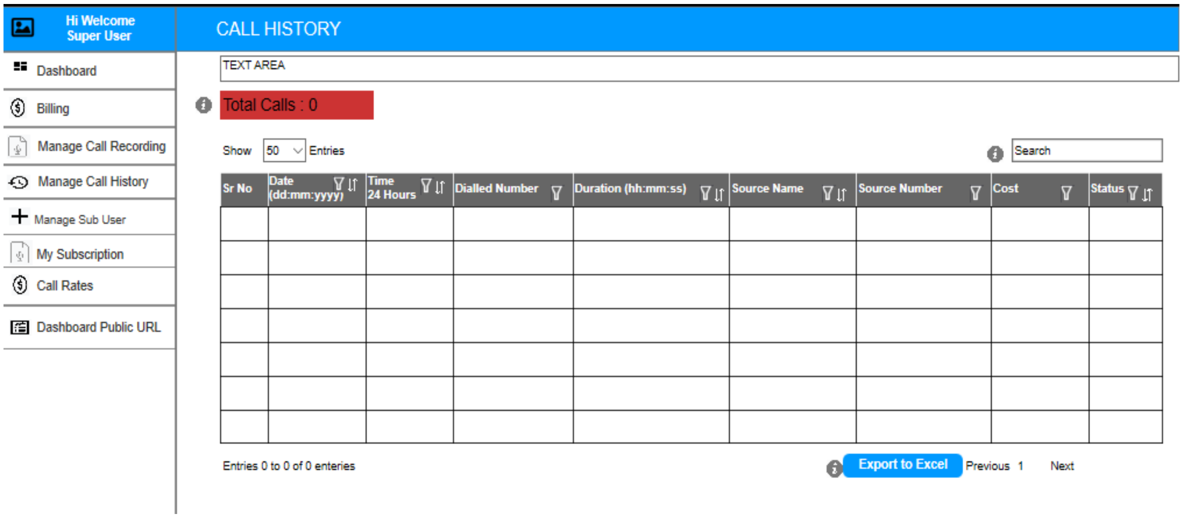



| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to access the 'call recording module' functionality in the web portal. |
| **Pre - Condition** | On 'side menu', users have clicked on 'Manage Call Recording' menu option. |
| **Post – Condition** | Users will be able to perform below functionalities:<br>• View total call recordings<br>• View storage space left (in numbers)<br>• Play and pause recording records<br>• Export the call recording data in excel |
| **Business Rules / Logic** | **Text Area**<br>Users will be able to view the 'call recording module' description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Total Recordings**<br>Users will be able to view total recordings in number which are available in the web portal. I.e. the number of call recording records available in the call recording table.<br><br>**Storage Space**<br>Users will be able to view the storage space left. Third party portal will provide the data via API.<br><br>**Select All**<br>Users will be able to select or deselect all the records in the table at once.<br><br>**Bulk Download** |

| | |
|---|---|
| | Users will be able to download the call recordings of the selected records at once in wav or MP3 format. The download file would be a zip file with the file name as “user_from date_to date_on date” The third party will provide the call recording link.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the call recording table. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries per page in the transaction table at bottom of the table.<br><br>**Search**<br>Users will be able to search the transaction data with keywords. The ‘call recording’ table will filter out with the entered keyword<br><br>**Call Recording Table**<br>The user will be able to view the ‘call recordings’ in the table. The table header is subject to the API. Call recording data will be coming from third party portal via API. The call recording provided by the third party portal will be a link.<br>The user will be able to view all the call recording of their associated sub user’s account too. Table will contain the following headers:<br>• **Serial No**<br>• **Date:** users will be able to sort the data in ascending or descending order also will be able to filter the data with respect to date selection i.e. from date and to date. Format of date will be dd:mm:yyyy<br>• **Time:** users will be able to sort the data with respect to the time. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.<br>• **Device ID:** users can sort the data in ascending or descending order and can also filter out the data with respect to the device ID.<br>• **Source Number:** Users will be able to filter the data with respect to the source number.<br>• **Destination Number:** Users will be able to filter the data with respect to the destination number.<br>• **Duration:** User will be able to view the duration of the call recordings. They can sort the data in ascending or descending order and can also filter out the data with respect to the duration. The API will send the duration in seconds. The portal needs to convert the second (ss) format to hh:mm:ss and display the same to the users.<br>• **Select:** users will be able to check individual recording record. |

<table>
<tr><td></td><td>
<ul>
<li>Action: The user can perform the following action for the selected records.
<ol>
<li>Will be able to download single call recording</li>
<li>Delete call recording<br>Condition 1: If web portal access the database via accessing the third party portal directly, the users will have the functionality to delete the call recording.<br>Condition 2: If web portal access the database via API, the users will not have the functionality to delete the call recording.</li>
<li>Will be able to play or pause the call recording in the web portal. The recording will be played via streaming from the third party portal.</li>
</ol></li>
<li>Data in this table will be coming from third party portal via API.</li>
</ul>
Export to Excel<br>Users will be able to extract the filtered table data in excel format.<br><br>
Previous and Next<br>Based on the show entries selection, to view previous or next data user will click on ‘Previous’ or ‘Next’ button respectively.
</td></tr>
<tr><td>Fields and Validation</td><td>
<table>
<tr><td>Text</td><td>Text Field</td></tr>
<tr><td>Total Recording</td><td>Text Field</td></tr>
<tr><td>Storage Space Left</td><td>Text Field</td></tr>
<tr><td>Select All</td><td>Check Box</td></tr>
<tr><td>Bulk Download</td><td>Button</td></tr>
<tr><td>Show Entries</td><td>Drop down selection</td></tr>
<tr><td>Search</td><td>Text Field</td></tr>
<tr><td>Export to Excel</td><td>Button</td></tr>
<tr><td>Previous</td><td>Button</td></tr>
<tr><td>Next</td><td>Button</td></tr>
</table>
</td></tr>
</table>

### 4.1.13 Call History Screen:

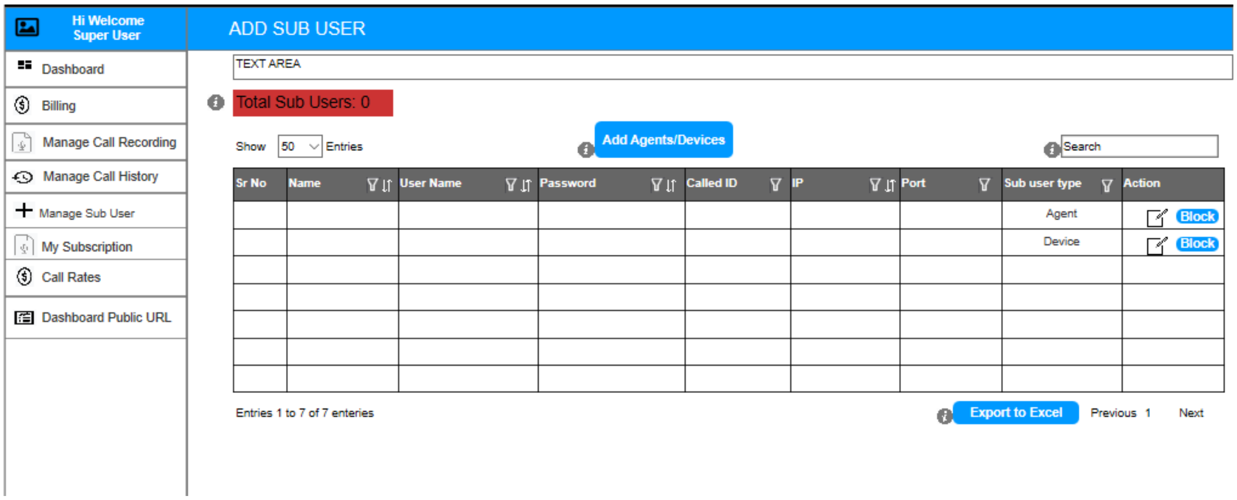



| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to access the 'call history' module functionality in the web portal. |
| **Pre - Condition** | On 'side menu', users have clicked on 'Manage Call History' menu option. |
| **Post – Condition** | Users will be able to perform below functionalities:<br>• View total call history records available in the web portal<br>• Export the call history data in excel |
| **Business Rules / Logic** | **Text Area**<br>Users will be able to view the call history description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Total Calls**<br>Users will be able to view total calls history data in number which are available in the web portal. I.e. the number of call records available in the call history table.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the call history table. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries per page in the transaction table at bottom of the table.<br><br>**Search**<br>Users will be able to search the transaction data with keywords. |

<table>
<tr><td rowspan="1"></td><td colspan="2">The ‘call history’ table will filter out with the entered keyword<br><br>Call History Table<br>The user will be able to view the ‘call history’ records in the table. The table header is subject to the API. The data will be coming from third party portal via API. The user will be able to view all the call history of their associated sub user’s account too. Table will contain the following headers:<ul><li>Serial No</li><li>Date: users will be able to sort the data in ascending or descending order with respect also will be able to filter the data with respect to date selection i.e. from date and to date. Format of date will be dd:mm:yyyy</li><li>Time: users will be able to sort the data with respect to the time. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.</li><li>Dialed number: Users can filter out the data with respect to the dialed number.</li><li>Duration: User will be able to view the duration of the calls. They can sort the data in ascending or descending order and can also filter out the data with respect to the duration. The API will send the duration in seconds. The web portal needs to convert the second (ss) format to hh:mm:ss and display the same to the users.</li><li>Source Name: Users will be able to sort the data in ascending or descending order and can also filter out the data with respect to the source name.</li><li>Source Number: Users will be able to filter out the data with respect to the source number.</li><li>Cost: Third party portal will send the cost or amount with the conversion ratio and currency unit based on user’s location or country. The web portal will need to multiple the amount with conversion ratio and will display the same in cost field.</li><li>Status: Users can sort the data in ascending or descending order and can also filter out the data with respect to the source name.</li></ul>Export to Excel<br>Users will be able to extract the filtered table data in excel format.<br><br>Previous and Next<br>Based on the show entries selection, to view previous or next data user will click on ‘Previous’ or ‘Next’ button respectively.</td></tr>
<tr><td rowspan="2">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Text</td><td>Text Field</td></tr>
</table>

| | | |
|---|---|---|
| | Total Calls | Text Field |
| | Show Entries | Drop down selection |
| | Search | Text Field |
| | Export to Excel | Button |
| | Previous | Button |
| | Next | Button |

## 4.1.14 Manage Sub Users Screen:

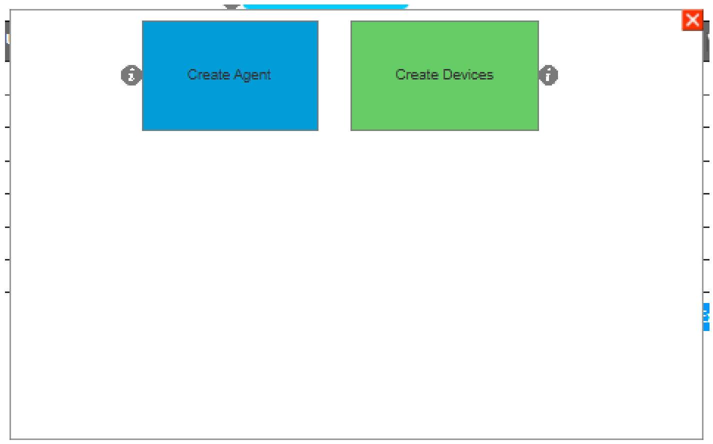



| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to access the 'manage sub user module' functionality in the web portal. Users will be able to Add/ view/ block their sub users. |
| **Pre - Condition** | On 'side menu', users have clicked on 'Manage sub users' menu option. |
| **Post – Condition** | Users will be able to perform following functionalities:<br>• Will be able to view their associated active sub users only.<br>• Will be able to add agents or devices in the web portal<br>• Will be able to edit the agents or devices profile in the web portal<br>• Will be able to export the sub user data in excel |
| **Business Rules / Logic** | **Text Area**<br>Users will be able to view the 'manage sub users module' description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Total Sub Users**<br>Users will be able to view total sub users count in number which are available in the web portal. I.e. the number of sub users available in the sub user table.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the sub user table. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries per page in the transaction table at |

| | |
|---|---|
| | bottom of the table.<br><br>**Search**<br>Users will be able to search the transaction data with keywords. The ‘sub user table will filter out with the entered keyword<br><br>**Add Agent/ Device**<br>Users will be able to add ‘agents’ and ‘device’ in the web portal. Clicking on ‘Add agent/ device’, web portal will display ‘add agent or device pop-up window’ to the users.<br><br>**Condition:** Web portal will check the number of ‘sub users’ which are given as free subscription to the users in the web portal backend by the admin. If the number of ‘sub users’ are greater than the number configured by the admin. The web portal will validate the user to purchase the sub users account via ‘billing’ module.<br><br>**Sub User Table**<br>The user will be able to view only the active ‘sub user’ records in the table (do not display hidden or blocked sub users). The table header is subject to the API. The users will be able to view the ‘sub users’ which are created in the web portal as well as the ‘sub users’ data coming from the third party portal via API.<br>Table will contain the following headers:<br>• **Serial No**<br>• **Name:** users will be able to sort the data in ascending or descending order, also will be able to filter the data with respect to name.<br>• **User Name:** users will be able to sort the data in ascending or descending order, also will be able to filter the data with respect to name. The data will be displayed for agent only.<br>• **Password:** users will be able to sort the data in ascending or descending order, also will be able to filter the data with respect to name. The data will be displayed for agent only.<br>• **Called ID:** users will be able to filter the data with respect to name. The data will be displayed for agent and device.<br>• **IP:** Users can sort the data in ascending or descending order and can also filter out the data with respect to the IP. The data will be displayed for device only<br>• **Sub user type:** users will be able to sort the data in ascending or descending order, also will be able to filter the data with respect to the sub users i.e. agent or device.<br>• **Action:** user will be able to do perform the following action:<br>1. **Edit the sub user profile individually**. Clicking on edit button, web portal will display the ‘edit window’ with pre-filled data of the agent and device individually. Once edit is saved in the web portal. The data will be send to |

<table>
<tr><td></td><td colspan="2">the third party portal via API.<br>2. Block the sub user: Details will be send to the third party portal via API.<br><br>Export to Excel<br>Users will be able to extract the filtered table data in excel format.<br><br>Previous and Next<br>Based on the show entries selection, to view previous or next data user will click on 'Previous' or 'Next' button respectively.</td></tr>
<tr><td rowspan="11">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Text</td><td>Text Field</td></tr>
<tr><td>Total Sub Users</td><td>Text Field</td></tr>
<tr><td>Show Entries</td><td>Drop down selection</td></tr>
<tr><td>Add Agent/ Device</td><td>Button</td></tr>
<tr><td>Edit</td><td>Button</td></tr>
<tr><td>Block</td><td>Button</td></tr>
<tr><td>Search</td><td>Text Field</td></tr>
<tr><td>Export to Excel</td><td>Button</td></tr>
<tr><td>Previous</td><td>Button</td></tr>
<tr><td>Next</td><td>Button</td></tr>
</table>

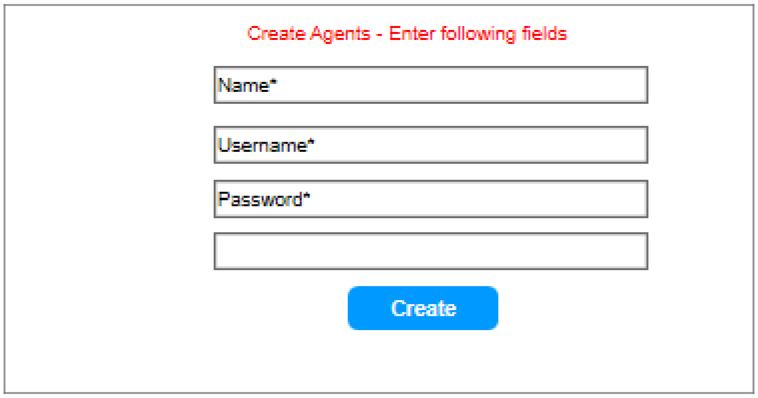
### 4.1.14.1 Add Agents or Devices




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to add agents or devices in the web portal |
| **Pre - Condition** | On 'Manage sub user' page, users have clicked on 'add agents/ devices' button. |
| **Post – Condition** | Following functionalities will be performed by the users:<br>• Will be able to add device in the web portal, web portal will redirect the users to add agent pop up window.<br>• Will be able to add agents, web portal will redirect the users to the add device pop up window. |
| **Business Rules / Logic** | **Create Agent**<br>To create agent user will click on 'create agent' button. Web portal will display the create agent pop-up window to the users from where the agents would be created in the web portal.<br><br>**Create Device**<br>To create device user will click on "create device" button. Web portal will display the create device pop-up window to the users from where the devices will be created in the web portal.<br><br>**Close**<br>Users will click on "close" button, to close the create agent or device pop-up window. |
| **Fields and Validation** | |

| | |
|---|---|
| Create Agent | Button |
| Create Device | Button |
| Close | Button |

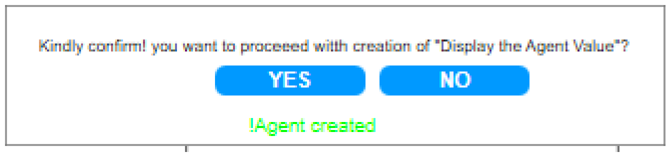
#### 4.1.14.1.1 Create Agent:




| | | |
|---|---|---|
| **Actors** | • Existing User<br>• New Register Users | |
| **Requirement Definition** | Users will be able to add agents in the web portal. | |
| **Pre - Condition** | On 'Add Agent or device' pop-up window, users have clicked on 'add agent' button. | |
| **Post – Condition** | Web page will display add agent confirmation pop-up window to the users to confirm creating agent in the web portal. | |
| **Business Rules / Logic** | **Logic**<br>Users will need to enter Name of the agent, Username, Password, and called ID (optional).<br><br>Once the user click on 'create and confirm' button, the web portal will redirect the user to the confirmation window, where the user will confirm or abort the creation of the agent.<br><br>If the user accept creating the agent, the agent would be created in the web portal and the same details to be send to the third party portal via API. | |
| **Fields and Validation** | | |
| | Name | Text field |
| | User Name | Text Field |
| | • Username will have no character limit<br>• User can enter Characters/ Numbers/ Special characters for Username (Alpha Numeric) | |
| | Password | Text Field |
| | Password should follow below mentioned nomenclature<br>• Password will have minimum 8 and maximum 16 characters | |

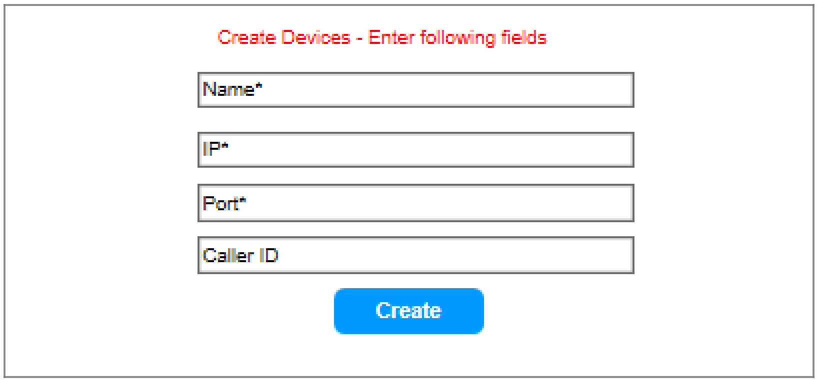
| | | |
|---|---|---|
| | (Subject to API).<br>• Password should contain one upper case character.<br>• Password should contain one digit is required.<br>• Password should contain one special character (No space allowed)<br>• Password should contain one small character | |
| | Called ID | Text Field |
| | Create | Button |

#### 4.1.14.1.2 Create Agent Confirmation Screen:



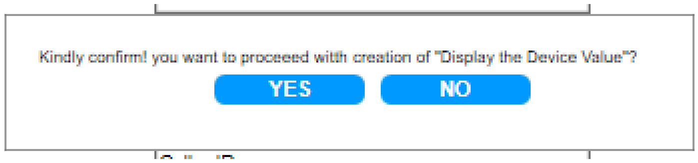

<table>
<tr><td>Actors</td><td><ul><li>Existing User</li><li>New Register Users</li></ul></td></tr>
<tr><td>Requirement Definition</td><td>Users will be able to confirm or abort the creation of the agents in the web portal</td></tr>
<tr><td>Pre – Condition</td><td>On Add Agent pop-up window, users have clicked on ‘Create’ button.</td></tr>
<tr><td>Post – Condition</td><td><ul><li>Agent created in the web portal. New created agent data will be send to the third party portal via API.</li><li>User will cancel the create device process.</li></ul></td></tr>
<tr><td>Business Rules / Logic</td><td>Text<br>Confirmation text will be displayed to the users with the agent value.<br><br>Yes<br>To confirm and create the agent, users will click on ‘Yes’ button. The web portal will send the created agent details to the third party portal via API. The same will be updated in the sub user table in ‘manage sub user screen’ via API from the third party portal.<br><br>No<br>Users will click on “No” button if they don’t want to proceed with the creating the agent in the web portal. The confirmation pop-up screen will close and the user will be redirected to the manage sub users screen.</td></tr>
<tr><td>Fields and Validation</td><td><table><tr><td>Yes</td><td>Button</td></tr><tr><td>No</td><td>Button</td></tr></table></td></tr>
</table>

#### 4.1.14.1.3 Create Device:



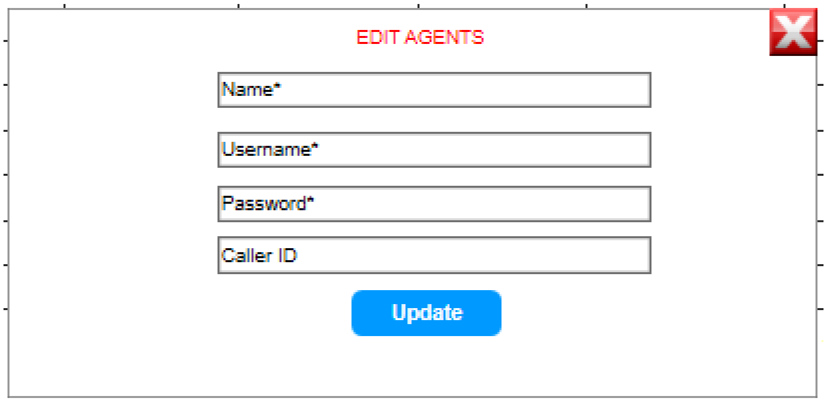

<table>
<tr><td>Actors</td><td colspan="2"><ul><li>Existing User</li><li>New Register Users</li></ul></td></tr>
<tr><td>Requirement Definition</td><td colspan="2">Users will be able to add device in the web portal.</td></tr>
<tr><td>Pre - Condition</td><td colspan="2">On ‘Add Agent or device’ pop-up window, users have clicked on ‘add device’ button.</td></tr>
<tr><td>Post – Condition</td><td colspan="2">Web page will display add device confirmation pop-up window to the users.</td></tr>
<tr><td>Business Rules / Logic</td><td colspan="2">Logic<br>Users will need to enter Name of the device, IP, Port, and called ID (optional).<br><br>Once the user click on ‘create and confirm’ button, the web portal will redirect the user to the confirmation window, where the user will confirm or abort the creation of the device.<br><br>If the user accept creating the device, the device would be created in the web portal and the same details to be send to the third party portal via API.</td></tr>
<tr><td rowspan="6">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Name</td><td>Text field</td></tr>
<tr><td>IP</td><td>Text Field</td></tr>
<tr><td>Port</td><td>Text Field</td></tr>
<tr><td>Called ID</td><td>Text Field</td></tr>
<tr><td>Create</td><td>Button</td></tr>
</table>

#### 4.1.14.1.4 Create Device Confirmation Screen:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register Users |
| **Requirement Definition** | Users will be able to confirm or abort the creation of the devices in the web portal |
| **Pre – Condition** | On 'Add device pop-up' window, users have clicked on 'Create' button. |
| **Post – Condition** | • Device created in the web portal. Details will be send to the third party portal via API.<br>• User will cancel the create device process. |
| **Business Rules / Logic** | **Text**<br>Confirmation text will be displayed to the users with the device name, IP, and port.<br><br>**Yes**<br>To confirm and create the device, users will click on 'Yes' button. The web portal will send the created device details to the third party portal via API. The same will be updated in the sub user table in 'manage sub user screen' via API from the third party portal.<br><br>**No**<br>Users will click on "No" button if they don't want to proceed with the creating the device in the web portal. The confirmation pop-up screen will close and the user will be redirected to the manage sub users screen. |
| **Fields and Validation** | <table><tr><td>Yes</td><td>Button</td></tr><tr><td>No</td><td>Button</td></tr></table> |

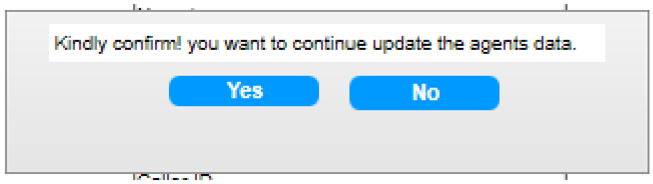
### 4.1.14.2 Edit Agents:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register Users |
| **Requirement Definition** | Users will be able to edit agent's profile in the web portal |
| **Pre - Condition** | On Manage sub user web page, users have clicked on 'edit' icon. |
| **Post – Condition** | Web page will display update agent profile confirmation pop-up window to the users. |
| **Business Rules / Logic** | **Logic**<br>All the sub users associated with the users account will be displayed with the details in the table. Each record will have edit icon in the action column.<br><br>Clicking on 'Edit' icon, the web portal will display the edit agent pop-up window with prefilled data. Users will be able to update the Name of the agent, Username, Password, and called ID (optional).<br><br>Once the user click on 'confirm' button, the web portal will redirect the user to the confirmation window, where the user will confirm or abort the updation of the agent.<br><br>If the user accept updating the agent profile, the web portal will send the updated data to the third party portal via API. The same data will be reflected in the sub users table in the sub user screen via API from the third party portal. |
| **Fields and Validation** | <table><tr><td>Name</td><td>Text field</td></tr><tr><td>User Name</td><td>Text Field</td></tr><tr><td colspan="2">• Username will have no character limit<br>• User can enter Characters/ Numbers/ Special characters for Username (Alpha Numeric)</td></tr></table> |

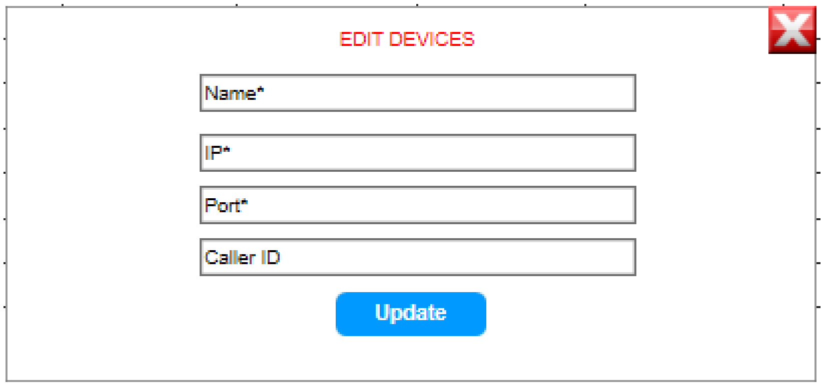
| | | |
|---|---|---|
| | Password | Text Field |
| | Password should follow below mentioned nomenclature<br>• Password will have minimum 8 and maximum 16 characters (Subject to API).<br>• Password should contain one upper case character.<br>• Password should contain one digit is required.<br>• Password should contain one special character (No space allowed)<br>• Password should contain one small character | |
| | Called ID | Text Field |
| | Update | Button |

### 4.1.14.2.1 Update Agent Confirmation Screen:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register Users |
| **Requirement Definition** | Users will be able to confirm or abort updating the agent's profile. |
| **Pre – Condition** | On Edit Agent pop-up window, users have clicked on 'update' button. |
| **Post – Condition** | • Agent profile will be updated in the web portal.<br>• User will cancel the update device profile process. |
| **Business Rules / Logic** | **Text**<br>Confirmation text will be displayed to the users.<br><br>**Yes**<br>To confirm and update the agents profile, users will click on "Yes" button. The web portal will send the updated agent details to the third party portal via API.<br><br>**No**<br>Users will click on "No" button if they don't want to update the agent in the web portal and the confirmation pop-up screen will close and the user will be redirected to the manage sub users screen. |
| **Fields and Validation** | Yes – Button<br>No – Button |

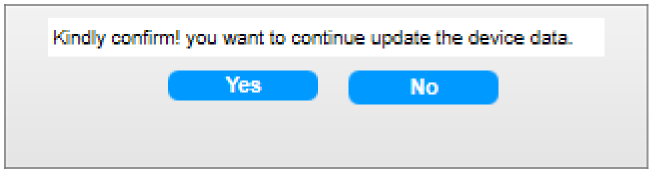
### 4.1.14.3 Edit Device:




<table>
<tr><td>Actors</td><td colspan="2"><ul><li>Existing User</li><li>New Register User</li></ul></td></tr>
<tr><td>Requirement Definition</td><td colspan="2">Users will be able to edit device’s profile in the web portal</td></tr>
<tr><td>Pre - Condition</td><td colspan="2">On Manage sub user web page, users have clicked on ‘edit’ icon.</td></tr>
<tr><td>Post – Condition</td><td colspan="2">Web page will display update device profile confirmation pop-up window to the users.</td></tr>
<tr><td>Business Rules / Logic</td><td colspan="2">Logic<br>All the devices associated with the users account will be displayed with the details in the table. Each record will have edit icon in the action column.<br><br>Clicking on ‘Edit’ icon, the web portal will display the edit device pop-up window with prefilled data. Users will be able to update the Name of the agent, Username, Password, and called ID (optional).<br><br>Once the user click on ‘confirm’ button, the web portal will redirect the user to the confirmation window, where the user will confirm or abort the updation of the agent.<br><br>If the user accept updating the device profile, the web portal will send the updated data to the third party portal via API. The same data will be reflected in the sub users table in the sub user screen via API from the third party portal.</td></tr>
<tr><td rowspan="5">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Name</td><td>Text field</td></tr>
<tr><td>IP</td><td>Text Field</td></tr>
<tr><td>Port</td><td>Text Field</td></tr>
<tr><td>Called ID</td><td>Text Field</td></tr>
</table>

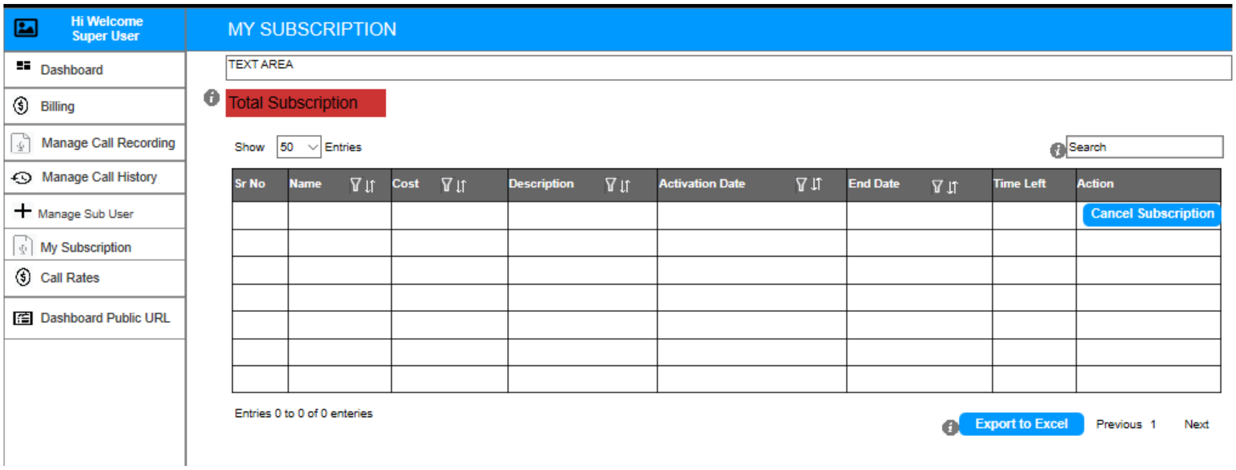
| | | |
|---|---|---|
| | Update | Button |

### 4.1.14.3.1 Update Device Confirmation Screen:




| | | |
|---|---|---|
| **Actors** | • Existing User<br>• New Register User | |
| **Requirement Definition** | Users will be able to confirm or abort updating the device profile. | |
| **Pre – Condition** | On Edit device pop-up window, users have clicked on ‘update’ button. | |
| **Post – Condition** | • Device profile will be updated in the web portal.<br>• User will cancel the update device profile process. | |
| **Business Rules / Logic** | **Text**<br>Confirmation text will be displayed to the users.<br><br>**Yes**<br>To confirm and update the device profile, users will click on “Yes” button. The web portal will send the updated device details to the third party portal via API.<br><br>**No**<br>Users will click on “No” button if they don’t want to update the agent in the web portal and the confirmation pop-up screen will close. and the user will be redirected to the manage sub users screen. | |
| **Fields and Validation** | | |
| | Yes | Button |
| | No | Button |

### 4.1.15 Manage Subscription:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register Users |
| **Requirement Definition** | Users will be able to access 'my subscription' module functionality in the web portal. |
| **Pre - Condition** | On 'side menu', users have clicked on 'My Subscription' menu option. |
| **Post – Condition** | Users will be able to perform below functionalities:<br>• Will be able to view all the active subscription<br>• Will be able to cancel the subscription<br>• Will be able to export the subscription data in excel format |
| **Business Rules / Logic** | **Text Area**<br>Users will be able to view the 'manage subscription' module description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Total Subscription**<br>Users will be able to view total subscription which are available in the web portal. I.e. the number of subscription records available in the subscription table.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the subscription table. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries per page in the transaction table at bottom of the table.<br><br>**Search**<br>Users will be able to search the transaction data with keywords. The 'subscription table will filter out with the entered keyword |

**Subscription Table**

The user will be able to view the active subscription records in the table. The data will be coming from third party portal via API.

- **Serial No**
- **Name:** users will be able to sort the data in ascending or descending order with respect to the date, also will be able to filter the data with respect to subscription name.
- **Cost:** We would be receiving the currency in USD from the third party portal via API. We need to fetch the conversion ratio via call history or balance API and multiple the currency with the conversion ratio and display the cost for each subscription record.
- **Description:** users will be able to sort the data in ascending or descending order with respect to the date, also will be able to filter the data with respect to subscription name.
- **Activation Data:** Users will be able to sort the data in ascending or descending order also will be able to filter the data with respect to activation date. (No date range filter is there)
- **End Date:** Users can sort the data in ascending or descending order and can also filter out the data with respect to the end date (No date range filter is available)
- **Time Left:** Users will be able to view the time left for the subscription to end.
- **Action: Cancel subscription**: users will click on 'cancel subscription' button available for each records displayed in the active subscription table. The web portal will display a cancel subscription notification pop-up window to the users to confirm the cancellation.
  Once the user confirms the cancelation, the web portal will send the cancelation data to the third party portal via API.

**Export to Excel**

Users will be able to extract the filtered table data in excel format.

**Previous and Next**

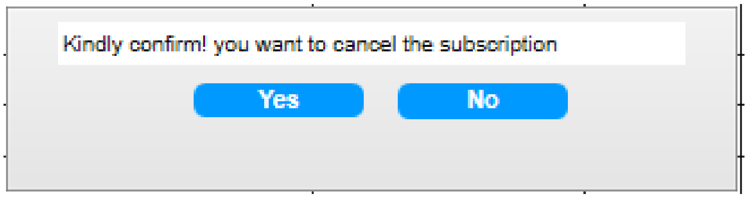
Based on the show entries selection, to view previous or next data user will click on 'Previous' or 'Next' button respectively.

**Fields and Validation**

| | |
|---|---|
| Text | Text Field |
| Total Calls | Text Field |
| Show Entries | Drop down selection |
| Search | Text Field |

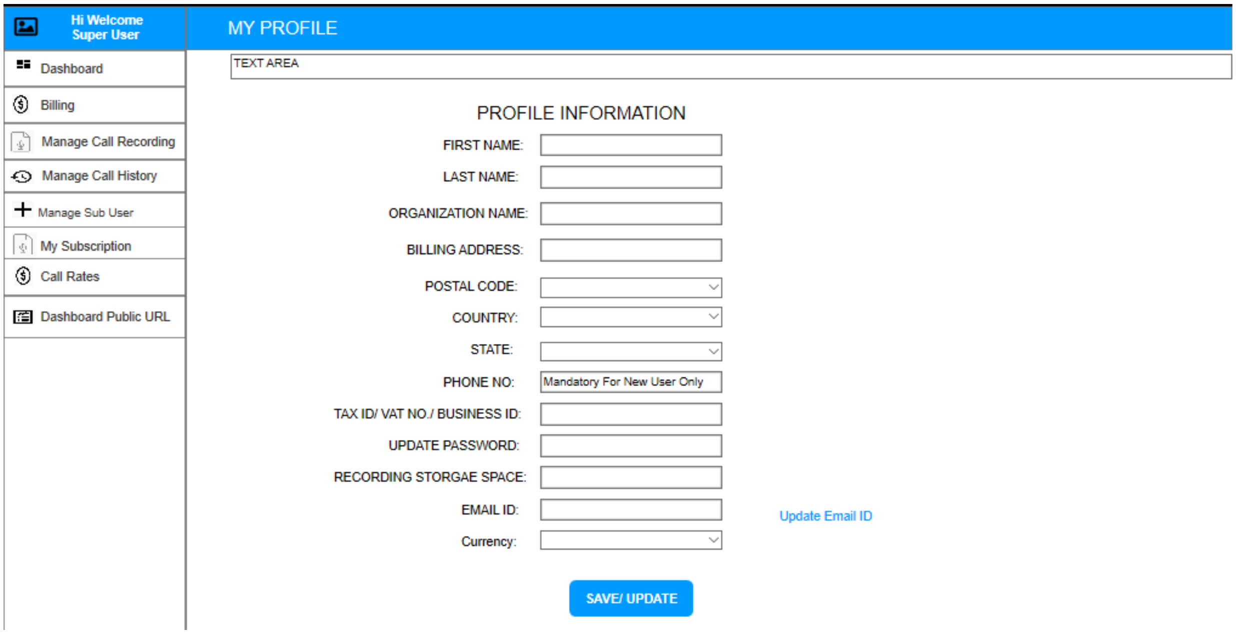
| | | |
|---|---|---|
| | Export to Excel | Button |
| | Previous | Button |
| | Next | Button |

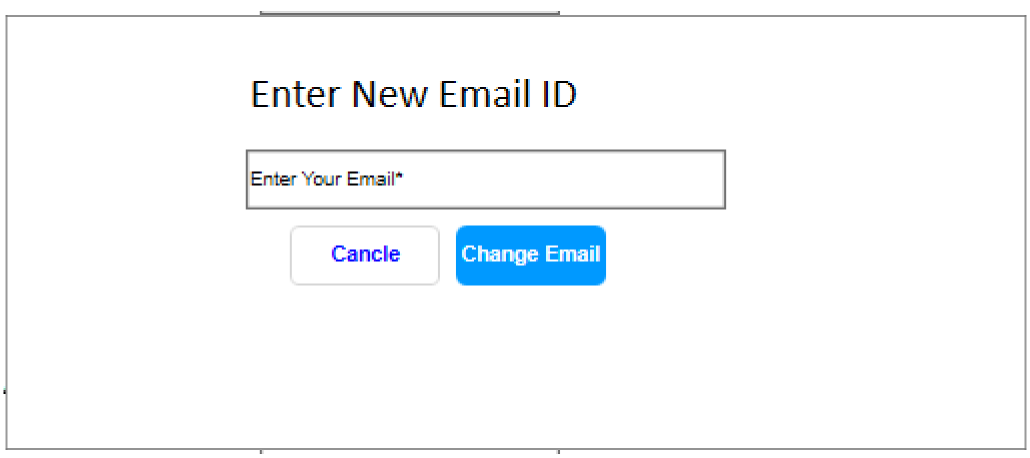
### 4.1.15.1 Cancel Subscription Confirmation Screen:




| | | |
|---|---|---|
| **Actors** | • Existing User<br>• New Register Users | |
| **Requirement Definition** | Users will be able to confirm or abort the cancelation of the subscription in the web portal | |
| **Pre-Condition** | On manage subscription web page, users have clicked on 'Cancel subscription' button. | |
| **Post – Condition** | • Subscription canceled in the web portal.<br>• Subscription not cancelled in the web portal. | |
| **Business Rules / Logic** | **Text**<br>Confirmation text will be displayed to the users.<br><br>**Yes**<br>To confirm and cancel the subscription, users will click on 'Yes' button. The web portal will send subscription cancellation details to the third party portal via API. The same will be updated in the subscription table in the manage subscription screen via API from the third party portal.<br><br>**No**<br>Users will click on "No" button if they don't want to subscription in the web portal and the confirmation pop-up screen will close and the user will be redirected to the manage subscription screen. | |
| **Fields and Validation** | | |
| | Yes | Button |
| | No | Button |

### 4.1.16 Manage Profile:



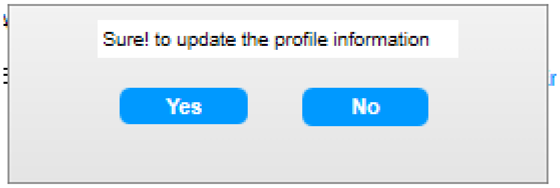




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to access the 'my profile' module functionality in the web portal. |
| **Pre-Condition** | On web page header user icon, users have clicked on 'My Profile' menu option. |
| **Post – Condition** | Users will be able to view or update their profile data. If user's wants to update the details, web portal will display the update profile confirmation pop-up window. |

| | | |
|---|---|---|
| | Users can also change the email address, users will be redirected to the change email address web page. | |
| **Business Rules / Logic** | **Logic**<br>Users will be able to view 'my profile' with pre-filled data. They will also be able to update the profile information and click on 'save/ update' button to update the data.<br><br>The web portal will redirect the user to the 'manage profile confirmation window', where the user will confirm or abort the updation of the profile data. The web portal will send the details to the third party portal via API.<br><br>The phone number is mandatory for the new register user and optional for the existing users.<br><br>The email ID field will be freeze by default. If the user wants to update the email ID, they will be able to click on 'update email link'. The web portal will display a pop-up window to the user to enter the new email ID. The user will click on 'change email ID' button to update the email. An email will be triggered to the user new email ID with the verification link. The user will click on the verification link to verify the account and then only the email ID will be updated in the user my profile.<br><br>The currency drop down selection will have the standard sets of currency units. | |
| **Fields and Validation** | | |
| | First Name | Text Field |
| | Last Name | Text Field |
| | Organization Name | Text Field |
| | Billing Address | Text Field |
| | Postal Code | Drop down selection |
| | Country | Drop Down Selection |
| | State | Drop Down Selection |
| | Phone No | Text Field |
| | The user can enter maximum of 14 digits inclusive of country code | |

| | | |
|---|---|---|
| | Tax ID/ VAT No/ Business ID | Text Field |
| | Update Password | Text Field |
| | Password should follow below mentioned nomenclature<br>• Password will have minimum 8 and maximum 16 characters (Subject to API).<br>• Password should contain one upper case character.<br>• Password should contain one digit is required.<br>• Password should contain one special character (No space allowed)<br>• Password should contain one small character | |
| | Recording Storage Space | Text Field |
| | Email ID | Text Field |
| | This field will be freeze by default | |
| | Update Email ID | Link |
| | Cancel | Button |
| | Change Email | Button |
| | Save/ Update | Button |

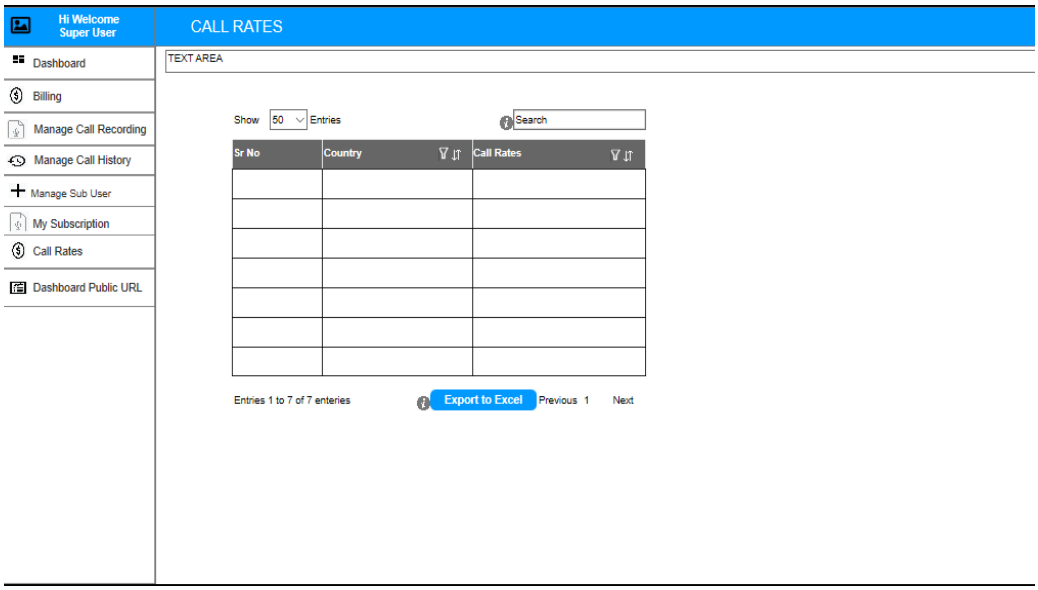
#### 4.1.16.1 Update My Profile Confirmation Screen:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to confirm or abort updating the device profile. |
| **Pre – Condition** | On ‘my profile web page’, users have clicked on ‘save/ update’ button. |
| **Post – Condition** | • Users profile data will be updated in the web portal.<br>• Users will cancel updating the profile data. |
| **Business Rules / Logic** | **Text**<br>Confirmation text will be displayed to the users.<br><br>**Yes**<br>To confirm and update the users profile data, users will click on ‘Yes’ button. The web portal will send the updated ‘my profile’ details to the third party portal via API.<br><br>**No**<br>Users will click on “No” button if they don’t want to update the user profile in the web portal and the ‘my profile web page’ confirmation pop-up screen will close and the web page will redirect the user to the manage profile page (refresh the profile page) |
| **Fields and Validation** | |

| | |
|---|---|
| Yes | Button |
| No | Button |

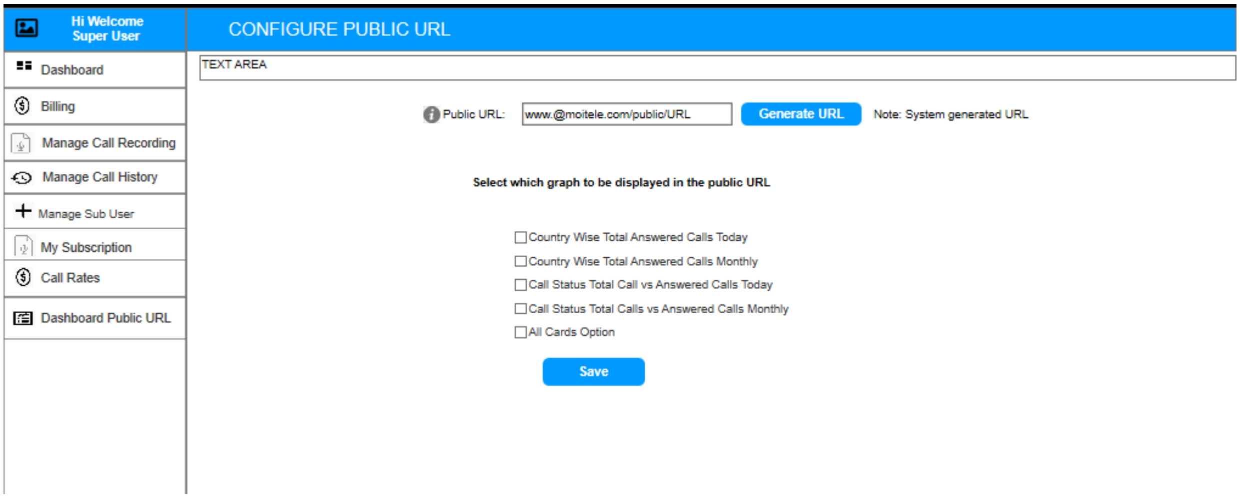
### 4.1.17 Call Rates:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to view the call rates data received form the API |
| **Pre-Condition** | On side menu, users have clicked on 'Call rates' menu option. |
| **Post – Condition** | Users will be able to perform below functionalities:<br>• View all call rates data<br>• Export the call rates data in excel format |
| **Business Rules / Logic** | **Text Area**<br>Users will be able to view the call rates module description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Logic**<br>Users will be able to view the data of the call rates with respect to the country. The data will be received from the third party portal via API.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the call rates table. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries per page in the transaction table at bottom of the table.<br><br>**Search**<br>Users will be able to search the transaction data with keywords. |

| | | |
|---|---|---|
| | The ‘call rates’ table will filter out with the entered keyword<br><br>**Call Rates Table**<br>The user will be able to view the call rates records in the table. The table header is subject to the API. The data will be coming from third party portal via API. Table will contain the following headers:<br>• **Serial No**<br>• **Country:** users will be able to sort the data in ascending or descending order also will be able to filter out the data with respect to the country.<br>• **Call Rates:** users will be able to sort the data in ascending or descending order also will be able to filter out the data with respect to the call rates.<br><br>**Export to Excel**<br>Users will be able to extract the filtered table data in excel format.<br><br>**Previous and Next**<br>Based on the show entries selection, to view previous or next data user will click on “Previous” or “Next” button respectively. | |
| **Fields and Validation** | | |
| | Text | Text Field |
| | Show Entries | Drop down selection |
| | Search | Text Field |
| | Export to Excel | Button |
| | Previous | Button |
| | Next | Button |

### 4.1.18 Dashboard Public URL:




| | |
|---|---|
| **Actors** | • Existing User<br>• New Register User |
| **Requirement Definition** | Users will be able to generate dashboard public url in the web portal. |
| **Pre-Condition** | On 'side menu' users have clicked on 'Dashboard Public URL' menu option. |
| **Post – Condition** | Public URL will be generated for the users. If user's wants to configure the content of the public URL, web portal will display the user to configure pop-up window. |
| **Business Rules / Logic** | **Text Area**<br>Users will be able to view the dashboard public URL module description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Logic**<br>The user will be able to generate the public URL by clicking on "Generate public URL button". The public URL will display the graphs and cards based on the configuration to the users.<br><br>**Public URL**<br>Users will be able to view the dashboard URL. If URL not generated then the user will click on Generate URL button. The web portal will create the URL. The URL will be unique for every user.<br><br>**Logic**<br>The user will be able to view and select the graphs that needed to be displayed in the public URL. The user can check or uncheck the graphs any point of time. Below mentioned graph and cards would be available for the users to configure:<br>• Country wise total answered calls today (MAP) |

| | | |
|---|---|---|
| | • Country wise total answered calls monthly (MAP)<br>• Call Status : Total call vs. answered calls today (Bar chart)<br>• Call status: Total calls vs. answered calls monthly<br>• All cards options which is available in the existing user dashboard screen. | |
| **Fields and Validation** | | |
| | Text | Text Field |
| | Public URL | Text Field |
| | Generate URL | Button |
| | Country wise total answered calls today (MAP) | Check Box |
| | Country wise total answered calls monthly (MAP) | Check Box |
| | Call status total calls vs. answered call today | Check Box |
| | Call status total calls vs. answered call monthly | Check Box |
| | All cards option | Check Box |
| | Generate URL | Button |
| | Save | Button |

## 4.2 Modules for Agents/ Sub Users

### 4.2.1 Header & Footer:

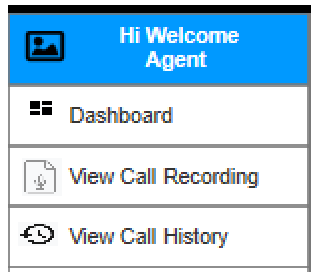
Header


Footer


| | |
|---|---|
| **Actors** | Agents |
| **Requirement Definition** | Users will be able to view the header and footer of the web portal |
| **Pre - Condition** | Successful login required for agents users. |
| **Post – Condition** | Users will be able to change the language, view support Contact, Able to view my profile, view terms and condition, privacy policy, about us, and logout from the web portal |
| **Business Rules / Logic** | **Header Logic**<br><br>**Moitele Logo**<br>Users will be able to view the company logo, configured by the admin in the web backend. Clicking on the logo, user will be redirected to the dashboard page of the user<br><br>**Language**<br>Only fields displayed in the web portal will be changed into the selected language. Enter text will be in English only.<br><br>**Contact Support**<br>Users will be able to view support contact info<br><br>**User Icon**<br>Users will be able to view following option in the user icon<br>• **My Profile:** Web portal will redirect the user to my profile page<br>• **Log Out:** Users will be log out from the web portal and redirected to the login page<br><br>**Footer Logic**<br><br>**Contact Us**<br>Users will be able to view the contact us configured by the admin in the web back end. Clicking on contact us link the web portal will display contact us information window to the users. |

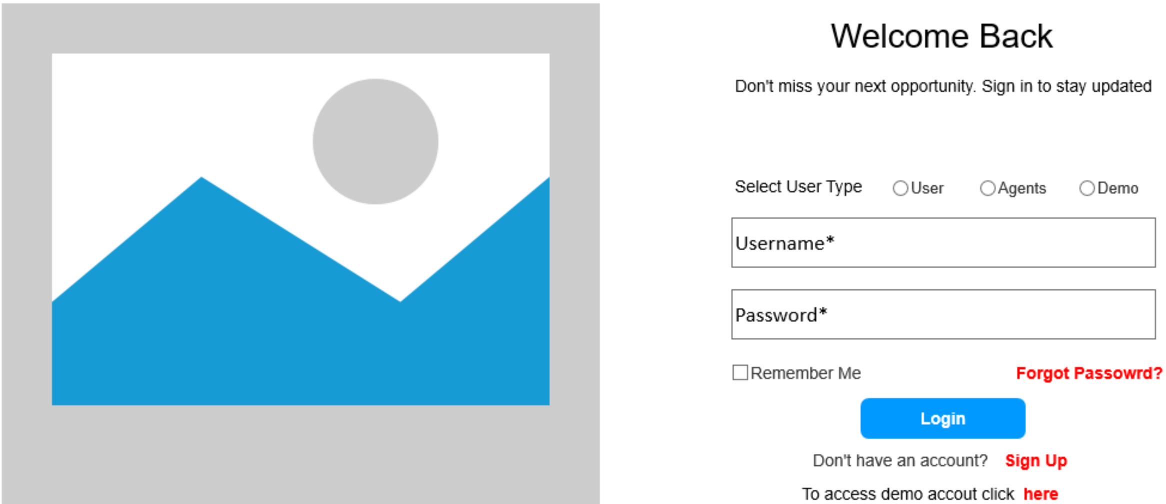
| | | |
|---|---|---|
| | **Terms & Condition**<br>Users will be able to view the terms and condition information configured by the admin in the web back end. Clicking on terms and condition link the web portal will display terms and condition information window to the users.<br><br>**Privacy Policy**<br>Users will be able to view the Privacy policy information configured by the admin in the web back end. Clicking on privacy policy link the web portal will display privacy policy information window to the users.<br><br>**About Us**<br>Users will be able to view the About us information configured by the admin in the web back end. Clicking on about us link the web portal will display about us information window to the users. | |
| **Fields and Validation** | | |
| | Logo | Image |
| | Language | Drop down selection |
| | Contact Us | Link |
| | User Icon | Image |
| | My Profile | Link |
| | Log Out | Link |
| | Terms and Condition | Link |
| | Privacy Policy | Link |
| | About us | Link |

### 4.2.2 Side Menu




<table>
<tr><td>Actors</td><td colspan="2">Agents</td></tr>
<tr><td>Requirement Definition</td><td colspan="2">Users will be able to view the side menu of the web portal</td></tr>
<tr><td>Pre - Condition</td><td colspan="2">Successful login required for agents users.</td></tr>
<tr><td>Post – Condition</td><td colspan="2">Users will be able to click on the side menu to navigate modules in the web portal.</td></tr>
<tr><td>Business Rules / Logic</td><td colspan="2">Hi Welcome<br>The web portal will display the name of the user logged into the web portal.<br><br>Dashboard:<br>Web page will redirect the users to dashboard screen<br><br>View Call Recording<br>Web Portal will redirect the users to call recording screen<br><br>View Call History<br>Web portal will redirect the users to call history screen</td></tr>
<tr><td rowspan="4">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Dashboard</td><td>Link</td></tr>
<tr><td>View Call Recording</td><td>Link</td></tr>
<tr><td>View Call History</td><td>Link</td></tr>
</table>

### 4.2.3 Login Screen:




| | |
|---|---|
| **Actors** | Agent/ Sub Users |
| **Requirement Definition** | Users will be able to login into the web portal. |
| **Pre - Condition** | Agents will be having their login credentials with them to login into the web portal with them. |
| **Post - Condition** | On successful login, users will be redirected to the dashboard web page. |
| **Business Rules / Logic** | **Select user type:**<br>Users will be able to view below user types on the log in screen:<br>• Users<br>• Agents<br>• Demo<br><br>Users will be able to select only one user type at one time.<br><br>**Logic:**<br>• The login credential will be provided by the client offline.<br>• Users will select the user type “Agent” for login (mandatory).<br>• Users will enter the “username” (username can be email ID/ customer ID and “password”.<br>• Users will have provision to check “remember me” checkbox, to save the login credentials.<br>• To login into the web portal users will click on “Login” button.<br>• The web portal will authenticate the login credentials with third party portal via API. |

<table>
<tr><td></td><td colspan="2">Business Rule:<ul><li>If users enter the username and password without selecting the user type and clicks on login button, web portal will validate the user to select the user type.</li><li>Web portal will trigger the third party API based on user type selection.</li><li>Web portal will authenticate the entered username and password with the third party portal via API.</li><li>If authentication fails via API –web portal will validate the login credential and relevant message will be displayed to the users else if the authentication pass, they will be able to successfully login into the web portal.</li></ul>Remember me:<br>To save the login credential, users will check the ‘remember me’ check box. The login credentials will be saved to the respective browser and will be able to pre-fill the credential data when the user will login for the second time.<br><br>Forget Password:<br>For Agents, there won’t be any functionality to set new password. Clicking on ‘forget password’ link, the web portal will display the message to the users “Please contact IT department or Super user in case of forget password”.<br><br>Sign-Up<br>Sign-up will be used by the new register users only. Clicking on “signup” link, they will be redirected to sign-up web page.<br><br>Here<br>This will be used by the demo user’s registration. Clicking on “here” link, they will be redirected to demo registration web page.</td></tr>
<tr><td rowspan="7">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Username</td><td>Text Field</td></tr>
<tr><td colspan="2"><ul><li>Username will have no character limit</li><li>User can enter Characters/ Numbers/ Special characters for Username (Alpha Numeric)</li></ul></td></tr>
<tr><td>Password</td><td>Text Field</td></tr>
<tr><td colspan="2"><ul><li>Password will have minimum 8 and maximum 16 characters</li><li>User can enter Characters/ Numbers/ Special characters in password field (Alpha Numeric)</li></ul></td></tr>
<tr><td>Select User Type</td><td>Radio Button</td></tr>
<tr><td colspan="2">Users will be able to select only one user type at one time.</td></tr>
</table>

| | | |
|---|---|---|
| | Forgot Password | Link |
| | Remember Me | Check Box |
| | Sign Up | Link |
| | Here | Link |
| | Login | Button |

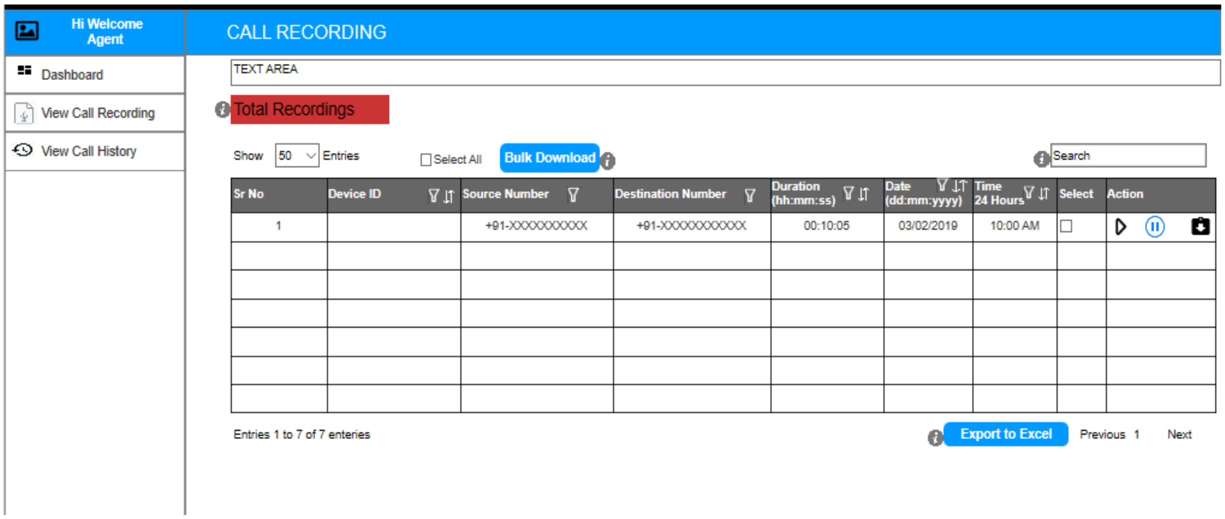
### 4.2.4 Dashboard Screen:


| | |
|---|---|
| **Actors** | Sub Users/ Agent |
| **Requirement Definition** | Users will be able to access the dashboard module functionality in the web portal. |
| **Pre - Condition** | Successful login required for sub users/ agents. |
| **Post – Condition** | Following functionalities will be performed by the users:<br>• Users will be able to view dashboards cards.<br>• Users will be able to view country wise map and graphs<br>• Users will be able to access all other modules of the web portal. |
| **Business Rules / Logic** | **Agents will be able to view their own data.**<br><br>**Text**<br>Users will be able to read the description or details or information about the dashboard. This will be read only text. The text will be |

| | |
|---|---|
| | configured by the admin in the web back end.<br><br>**Dashboard Cards**<br>Users will be able to view the following cards in dashboards:<br>• Today total calls in number.<br>• Today total answered calls in number<br>• Monthly's total answered calls in numbers.<br><br>**Cards Business Rule**<br>• Web portal will receive the data via third party portal via API.<br>• There is no direct API for agents/ sub user dashboard. Web portal will call the super user API and will filter out the data based on the agent and display the same in the dashboard.<br>• The cards data will be auto refreshed in time interval of every 25 seconds.<br>• Monthly data will be of Max (30 days)<br>• If no data is received the value to be displayed 0 in all the cards.<br>• The cards will be read only.<br><br>**Dashboard Graphs & Map**<br>• **Country Wise Calls Consumption (MAP)**<br>Users will be able to view the country wise calls consumption in a map. They can filter the Map by selecting following filters<br>• Today's total answered calls in numbers<br>• Monthly (30 days) total answered calls in numbers<br><br>**Agent Wise Answered Calls (Bar Chart)**<br>Users will be able to filter the graph by following:<br>• Daily answered calls<br>• Monthly answered calls<br><br>**Dashboard Graph and Map Business Rule**<br>• Watermark is required in map and in Agent wise answered calls graph.<br>• There is no direct API for agents/ sub user dashboard graph and map data. Web portal will call the super user API and filter out the data based on the agent.<br>• The data of the graph and map will be auto refreshed in time interval of every 30 seconds.<br>• Users will be able to hide or unhide the graph or map. To hide and unhide the user will click on "Hide" and "Unhide" link respectively.<br>• Users will be able to download the graph and country |

<table>
<tr><td></td><td colspan="2">wise map data in excel format. To download, users will click on “Export to Excel” button.<ul><li>Users will be able to download all the graph and country wise map images individually in PDF format for all the filters images at once. To download, users will need to click on “Export to PDF” button.</li><li>Users will be able to click on ‘Export to JPEG’ to download the graph and country in JPEG format for all the filters at of the graph or map at once.</li><li>The downloaded pdf should have one image per page only.</li><li>The map should display each country with different colours or legends based on the data.</li><li>Users will be able to hover over the map and will be able to view the relevant data. I.e. today’s total answered calls or monthly answered calls numbers.</li><li>The user will also be able to hover over the graphs i.e. bar chart and relevant data to be displayed i.e. daily answered calls and monthly answered calls</li></ul></td></tr>
<tr><td rowspan="8">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>TEXT</td><td>Text Field</td></tr>
<tr><td>Filters</td><td>Link</td></tr>
<tr><td>Hide</td><td>Link</td></tr>
<tr><td>Unhide</td><td>Link</td></tr>
<tr><td>Export to PDF</td><td>Button</td></tr>
<tr><td>Export to JPEG</td><td>Button</td></tr>
<tr><td>Export to Excel</td><td>Button</td></tr>
</table>

### 4.2.5 Call Recording Screen:

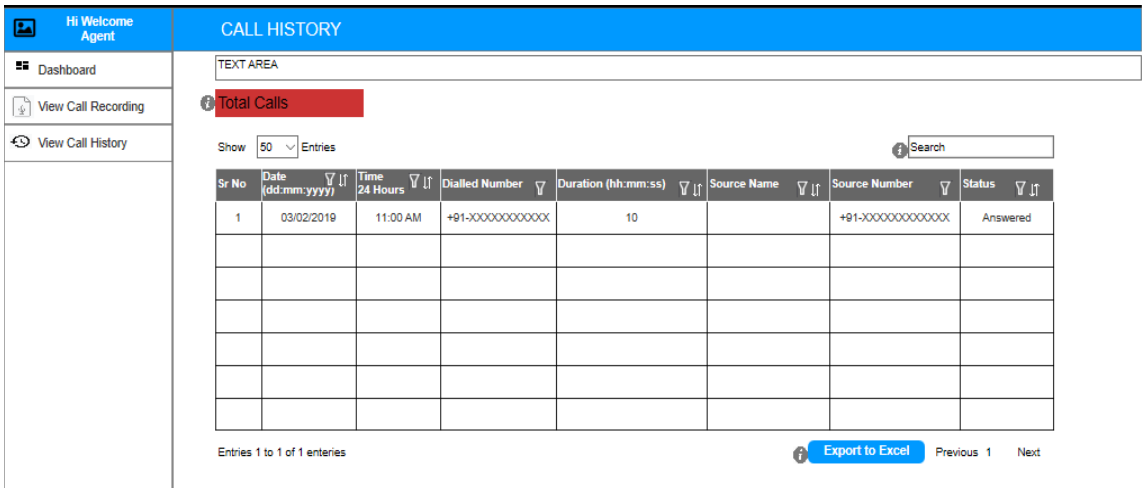



| | |
|---|---|
| **Actors** | Agent |
| **Requirement Definition** | Users will be able to access the call recording module functionality in the web portal. |
| **Pre - Condition** | On side menu, users have clicked on 'View Call Recording' menu option. |
| **Post – Condition** | Following functionalities will be performed by the users:<br>• View total call recordings<br>• Play and pause the call recording records<br>• Export the call recording data in excel |
| **Business Rules / Logic** | **Text Area**<br>Users will be able to view the call recording module description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Total Recordings**<br>Users will be able to view total recordings in number which are available in the web portal. I.e. the number of call recording records available in the call recording table.<br><br>**Select All**<br>Users will be able to select or deselect all the records in the table at once.<br><br>**Bulk Download**<br>Users will be able to download the call recordings of the selected records at once in wav or MP4 format. The download file would be a zip file with the file name as "user_from date_to date_on date" |

| | |
|---|---|
| | **Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the call recording table. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries per page in the transaction table at bottom of the table.<br><br>**Search**<br>Users will be able to search the transaction data with keywords. The 'call recording' table will filter out with the entered keyword<br><br>**Call Recording Table**<br>The user will be able to view the call recording in the table. The table header is subject to the API. Call recording data will be coming from third party portal via API. The user will be able to view all the call recording of their associated sub user's account too. Table will contain the following headers:<br>• **Serial No**<br>• **Date:** users will be able to sort the data in ascending or descending order with respect to the date, also will be able to filter the data with respect to date selection i.e. from date and to date. Format of date will be dd:mm:yyyy<br>• **Time:** users will be able to sort the data with respect to the time. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.<br>• **Device ID:** users can sort the data in ascending or descending order and can also filter out the data with respect to the device ID.<br>• **Source Number:** Users will be able to filter the data with respect to the source number.<br>• **Destination Number:** Users will be able to filter the data with respect to the destination number.<br>• **Duration:** User will be able to view the duration of the call recordings. They can sort the data in ascending or descending order and can also filter out the data with respect to the duration. The API will send the duration in seconds. The portal needs to convert the second (ss) format to hh:mm:ss and display the same to the users.<br>• **Select:** users will be able to check individual recording record.<br>• **Action:** The user can perform the following action for the selected records.<br>1. Will be able to download single call recording<br>2. Will be able to play or pause the call recording in the web portal.<br>• Data in this table will be coming from third party portal via |

<table>
<tr><td></td><td colspan="2">API.<br><br>Export to Excel<br>Users will be able to extract the filtered data in excel format.<br><br>Previous and Next<br>Based on the show entries selection, to view previous or next data user will click on “Previous” or “Next” button respectively.</td></tr>
<tr><td rowspan="11">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Text</td><td>Text Field</td></tr>
<tr><td>Total Recording</td><td>Text Field</td></tr>
<tr><td>Storage Space Left</td><td>Text Field</td></tr>
<tr><td>Select All</td><td>Check Box</td></tr>
<tr><td>Bulk Download</td><td>Button</td></tr>
<tr><td>Show Entries</td><td>Drop down selection</td></tr>
<tr><td>Search</td><td>Text Field</td></tr>
<tr><td>Export to Excel</td><td>Button</td></tr>
<tr><td>Previous</td><td>Button</td></tr>
<tr><td>Next</td><td>Button</td></tr>
</table>

### 4.2.6 Call History Screen:




| | |
|---|---|
| **Actors** | Agents |
| **Requirement Definition** | Users will be able to access the call recording module functionality in the web portal. |
| **Pre - Condition** | On side menu, users have clicked on 'View Call History' menu option. |
| **Post – Condition** | Following functionalities will be performed by the users:<br>• View total call history records available in the web portal<br>• Export the call history data in excel |
| **Business Rules / Logic** | **Text Area**<br>Users will be able to view the call history description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Total Calls**<br>Users will be able to view total calls which are available in the web portal. I.e. the number of call records available in the call history table.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the call history table. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries per page in the transaction table at bottom of the table.<br><br>**Search**<br>Users will be able to search the transaction data with keywords. The 'call history' table will filter out with the entered keyword |

<table>
<tr>
<td></td>
<td>
Call History Table<br>
The user will be able to view the call history records in the table. The table header is subject to the API. The data will be coming from third party portal via API. The user will be able to view all the call history of their associated sub user's account too. Table will contain the following headers:
<ul>
<li>Serial No</li>
<li>Date: users will be able to sort the data in ascending or descending order with respect to the date, also will be able to filter the data with respect to date selection i.e. from date and to date. Format of date will be dd:mm:yyyy</li>
<li>Time: users will be able to sort the data with respect to the time. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.</li>
<li>Dialed number: Users can filter out the data with respect to the dialed number.</li>
<li>Duration: User will be able to view the duration of the calls. They can sort the data in ascending or descending order and can also filter out the data with respect to the duration. The API will send the duration in seconds. The web portal needs to convert the second (ss) format to hh:mm:ss and display the same to the users.</li>
<li>Source Name: Users can sort the data in ascending or descending order and can also filter out the data with respect to the source name.</li>
<li>Source Number: Users can filter out the data with respect to the source number.</li>
<li>Status: Users can sort the data in ascending or descending order and can also filter out the data with respect to the source name.</li>
</ul>
Export to Excel<br>
Users will be able to extract the filtered data in excel format.<br><br>
Previous and Next<br>
Based on the show entries selection, to view previous or next data user will click on “Previous” or “Next” button respectively.
</td>
</tr>
<tr>
<td>Fields and Validation</td>
<td>
<table>
<tr><td>Text</td><td>Text Field</td></tr>
<tr><td>Total Calls</td><td>Text Field</td></tr>
<tr><td>Show Entries</td><td>Drop down selection</td></tr>
<tr><td>Search</td><td>Text Field</td></tr>
</table>
</td>
</tr>
</table>

| | | |
|---|---|---|
| | Export to Excel | Button |
| | Previous | Button |
| | Next | Button |

## 4.3 Modules for Demo Users:

### 4.3.1 Header & Footer Menu

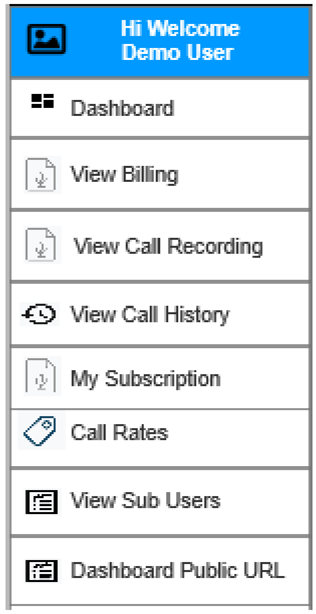
Header


Footer


| | |
|---|---|
| **Actors** | Demo Users |
| **Requirement Definition** | Users will be able to view the header and footer of the web portal. |
| **Pre - Condition** | Successful login required for existing and demo users. |
| **Post – Condition** | Users will be able to change the language, view support Contact, Able to view my profile, view terms and condition, privacy policy, about us, and logout from the web portal |
| **Business Rules / Logic** | **Header Logic**<br><br>**Moitele Logo**<br>Users will be able to view the company logo, configured by the admin in the web backend. Clicking on the logo, user will be redirected to the dashboard page of the user<br><br>**Language**<br>Only fields displayed in the web portal will be changed into the selected language. Enter text will be in English only.<br><br>**Contact Support**<br>Users will be able to view support contact info<br><br>**User Icon**<br>Users will be able to view following option in the user icon<br>• My Profile: Web portal will redirect the user to my profile page<br>• Log Out: Users will be log out from the web portal and redirected to the login page<br><br>**Footer Logic**<br><br>**Contact Us**<br>Users will be able to view the contact us configured by the admin in the web back end. Clicking on contact us link the web portal will display contact us information window to the users.<br><br>**Terms & Condition** |

<table>
<tr><td></td><td colspan="2">Users will be able to view the terms and condition information configured by the admin in the web back end. Clicking on terms and condition link the web portal will display terms and condition information window to the users.<br><br>Privacy Policy<br>Users will be able to view the Privacy policy information configured by the admin in the web back end. Clicking on privacy policy link the web portal will display privacy policy information window to the users.<br><br>About Us<br>Users will be able to view the About us information configured by the admin in the web back end. Clicking on about us link the web portal will display about us information window to the users.</td></tr>
<tr><td rowspan="10">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Logo</td><td>Image</td></tr>
<tr><td>Language</td><td>Drop down selection</td></tr>
<tr><td>Contact Us</td><td>Link</td></tr>
<tr><td>User Icon</td><td>Image</td></tr>
<tr><td>My Profile</td><td>Link</td></tr>
<tr><td>Log Out</td><td>Link</td></tr>
<tr><td>Terms and Condition</td><td>Link</td></tr>
<tr><td>Privacy Policy</td><td>Link</td></tr>
<tr><td>About us</td><td>Link</td></tr>
</table>

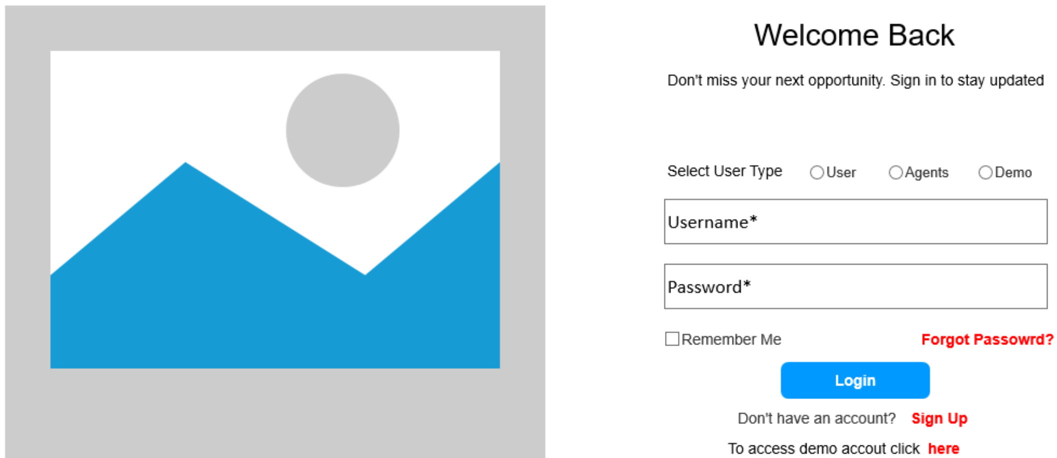
### 4.3.2 Side Menu




| | |
|---|---|
| **Actors** | Demo Users |
| **Requirement Definition** | Users will be able to view the side menu of the web portal |
| **Pre - Condition** | Successful login required for demo users. |
| **Post – Condition** | Users will be able to click on the side menu to navigate web pages in the web portal. |
| **Business Rules / Logic** | **Hi Welcome**<br>The web portal will display the name of the user logged in to the web portal.<br><br>**Dashboard:**<br>Web page will redirect the users to dashboard screen<br><br>**Billing**<br>Web portal will redirect the users to billing screen<br><br>**View Call Recording**<br>Web Portal will redirect the users to call recording screen<br><br>**View Call History**<br>Web portal will redirect the users to call history screen<br><br>**My Subscription**<br>Web portal will redirect the users to manage subscription screen<br><br>**Call Rates** |

| | | |
|---|---|---|
| | Web portal will redirect the users to call rates screen<br><br>**Dashboard Public URL**<br>Web portal will redirect the users to dashboard public URL screen | |
| **Fields and Validation** | | |
| | Dashboard | Link |
| | View Billing | Link |
| | View Call Recording | Link |
| | View Call History | Link |
| | My Subscription | Link |
| | Call Rates | Link |
| | Dashboard Public URL | Link |

### 4.3.3 Login Screen:

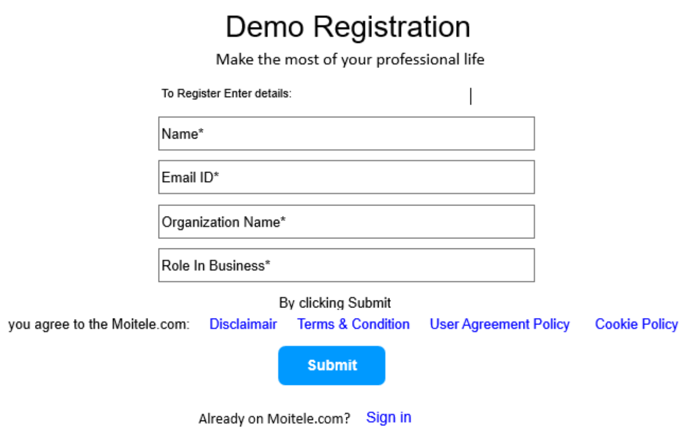



| | |
|---|---|
| **Actors** | Demo Users |
| **Requirement Definition** | Demo users will be able to login into the web portal with valid login credentials. |
| **Pre - Condition** | Demo users have their login credentials to login into the web portal with them. |
| **Post - Condition** | On successful login, users will be redirected to the dashboard web page. |
| **Business Rules / Logic** | **Select user type:**<br>Users will be able to view below user types on the log in screen:<br>• Users<br>• Agents<br>• Demo<br><br>Users will be able to select only one user type at one time.<br><br>**Logic:**<br>• Users will need to register themselves to get the demo login credentials.<br>• Users will select the user type “Demo” for login (mandatory).<br>• Users will enter the “username” (username can be email ID/ customer ID and “password”.<br>• Users will have provision to check “remember me” checkbox, to save the login credentials.<br>• To login into the web portal users will click on “Login” button.<br>• The web portal will authenticate the login credentials with their own database. |

<table>
<tr><td></td><td colspan="2">• No API will be triggered for login authentication.<br><br>Business Rule:<br>• The web portal will generate the username and password for each demo user uniquely.<br>• The login credentials will be sent to the user’s provided Email ID at the time of registration.<br>• If users enter the username and password without selecting the user type and clicks on login button, web portal will validate the user to select the user type.<br>• Web portal will authenticate the entered username and password with the web portal database.<br>• If authentication fails –web portal will validate the login credential and relevant message will be displayed to the users else if the authentication pass, they will be able to successfully login into the web portal.<br><br>Remember me:<br>To save the login credential, users will check the “remember me” check box.<br><br>Forget Password:<br>If demo user type is selected, users will not be able to click the forget password link.<br><br>Sign-Up<br>Sign-up will be used by the new register users only. Clicking on “signup” link, they will be redirected to sign-up web page.<br><br>Here<br>This will be used by the demo user’s registration. Clicking on “here” link, they will be redirected to demo registration web page.</td></tr>
<tr><td rowspan="6">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Username</td><td>Text Field</td></tr>
<tr><td colspan="2">• Username will have no character limit<br>• User can enter Characters/ Numbers/ Special characters for Username (Alpha Numeric)</td></tr>
<tr><td>Password</td><td>Text Field</td></tr>
<tr><td colspan="2">• Password will have minimum 8 and maximum 16 characters<br>• User can enter Characters/ Numbers/ Special characters in password field (Alpha Numeric)</td></tr>
<tr><td>Select User Type</td><td>Radio Button</td></tr>
</table>

| | | |
|---|---|---|
| | Users will be able to select only one user type at one time. | |
| | Forgot Password | Link |
| | This link will not be functional for the demo users. | |
| | Remember Me | Check Box |
| | Sign Up | Link |
| | Here | Link |
| | Login | Button |

### 4.3.4 Demo Registration Screen:




| | | |
|---|---|---|
| **Actors** | Demo Users | |
| **Requirement Definition** | Users will be able to register themselves to access the demo version of the web portal. | |
| **Pre - Condition** | On ‘login page’, users have clicked on ‘here’ link. | |
| **Post - Condition** | Demo users registered in the web portal | |
| **Business Rules / Logic** | **Logic:**<br>• Users will need to register themselves to get the demo login credentials.<br>• To register, users will need to enter details such as Name, Email ID, Organization Name, and Role in Business.<br>• Users will also have the provision to click on the links such as “Disclaimer”, “Terms & Condition”, and User Agreement (Privacy)”, and “Cookie Policy” Policy to read.<br>• To submit the details, users will click on “submit” button.<br>• A notification Email will be sent to the admin for every new demo registration with the required info such as name, email ID, organization name, and role in business.<br>• An email will be send to the demo users provided email ID with the login credentials. They can use this credential to access the demo version of the web portal.<br>• The demo registration data will be saved in the database and will be displayed to the admin in the web back end. | |
| **Fields and Validation** | | |
| | Name | Text Field |
| | Username will have no character limit | |

| | | |
|---|---|---|
| | Email ID | Text Field |
| | Organization Name | Text Field |
| | Organization Name will have no character limit | |
| | Role in Business | Text Field |
| | Role in Business will have no character limits | |
| | Disclaimer | Link |
| | Terms & Condition | Link |
| | User Agreement Policy (Privacy Policy) | Link |
| | Cookie Policy | Link |
| | Submit | Button |

## 4.3.5 Dashboard Screen:

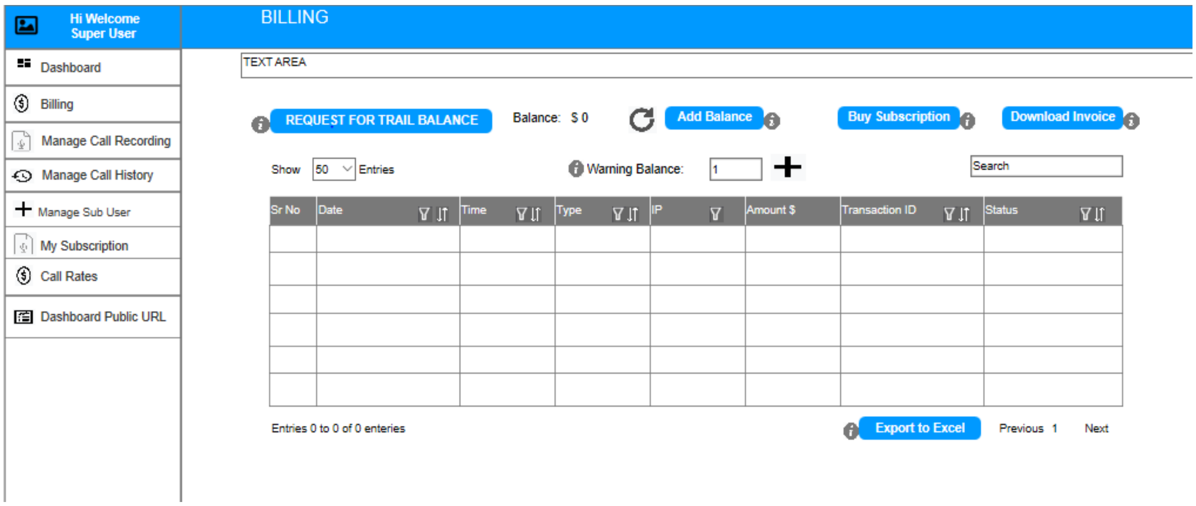

| | |
|---|---|
| **Actors** | Demo User |
| **Requirement Definition** | Users will be able to access the dashboard module functionality in the web portal. |
| **Pre - Condition** | Successful login required for demo users into the web portal. |
| **Post – Condition** | following functionalities will be performed by the users:<br>• Will be able to view dashboard data<br>• Will be able to access the other modules of the web portal |
| **Business Rules / Logic** | **Data in the demo dashboard will be dummy. The dashboard data** |

| | |
|---|---|
| | **will retrieve from the web portal database.**<br><br>**Text Area**<br>Users will be able to view the dashboard module description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Cards**<br>Users will be able to view the following cards:<br>• Today's total answered calls in numbers<br>• Today's total active calls in numbers<br>• Monthly's total call duration in hh:mm:ss format<br>• Today's total call duration in numbers in hh:mm:ss format<br>• Monthly's total answered calls in numbers<br><br>**Cards Business Rule**<br>• The user will be able to view only the dummy data.<br>• The data for the dashboard cards will be retrieved from the web portal database.<br>• The cards will be read only.<br><br>**Dashboard Graphs & Map**<br>**Country Wise Calls Consumption (MAP)**<br>Users will be able to view the country wise calls consumption in a map. They can filter the Map by selecting following filters one at a time.<br>• Today's total answered calls in numbers<br>• Monthly (30 days) total answered calls in numbers<br>• Total Call consumption in amount in amount<br>• Monthly (30 days) call consumption in amount<br><br>**Calls Consumption Graph (Bar Chart)**<br>Users will be able to view calls consumption graph. They can filter the graph by selecting following filters one at a time<br>• Daily calls consumption<br>• Daily total calls vs. calls consumption<br>• Monthly (Jan – Feb) calls consumption<br>• Monthly (Jan – Feb) total calls vs. calls consumption<br><br>**Calls Status Graph (Bar Chart)**<br>Users will be able to view calls call status graph. They can filter the graph by selecting following filters one at a time<br>• Daily Total calls vs. answered calls<br>• Daily Total calls vs. unanswered calls<br>• Daily total calls vs. failed calls<br>• Daily Total calls vs. answered calls vs. unanswered calls vs. failed calls |

| | |
|---|---|
| | • Monthly total calls vs. answered calls<br>• Monthly total calls vs. unanswered calls<br>• Monthly total calls vs. failed calls<br>• Monthly total calls vs. answered calls vs. unanswered calls vs. failed calls<br><br>**Agent Wise Answered Calls (Bar Chart)**<br>Users will be able to view agent wise answered calls. The existing user will be able to view only those agents which are mapped to his account. They can filter the graph by selecting following filters one at a time<br>• Agent wise daily answered calls<br>• Agent wise monthly answered calls<br><br>**Source Wise Answered Calls (Bar Chart)**<br>Users will be able to view source wise answered calls. They can filter the graph by selecting following filters one at a time<br>• Source wise daily answered calls<br>• Source wise monthly answered calls<br><br>**Dashboard Graph and Map Business Rule**<br>• All the graph and map to be displayed with the watermark.<br>• The demo users will be able to view only dummy data<br>• The web portal will retrieve the graph and map data from the web portal database. I.e. dummy data to be stored in the web portal database.<br>• Users will be able to hide or unhide all the graph and map. To hide and unhide the user will click on Hide and Unhide link respectively.<br>• Users will be able to download all the graph and country wise map data individually in tabular format in excel. To download, users will need to click on “Export to Excel” button.<br>• Users will be able to click on ‘Export to JPEG’ to download the graph and country in JPEG format for all the filters at of the graph or map at once.<br>• Users will be able to download all the graph and country wise map images in PDF format for all the filters images at once. To download, users will need to click on “Export to PDF” button. Per PDF page one image or graph or map to be displayed. The image should be downloaded with watermark.<br>• The country wise map should display the data with legends (colour). I.e. If for England, answered calls is 40 numbers and for India the answered calls is 100 numbers. The map should display each country with different colours or legends based on the data. |

| | | |
|---|---|---|
| | <ul><li>Users will be able to hover over the country in the map and would be able to view the data in bubble with respect to the filter selected. I.e. if today's total answered calls filter is selected, and users hover over England country then, they will be able to view the count i.e. 40 Numbers (based on above given example). This functionality to work with all the filters. If today call consumption filter is selected, then they will be able to view the amount when hover over the country.</li><li>Users will also be able to hover over the graphs and relevant data to be displayed in bubble according to the filter selected.</li><li>The country wise call consumption graph to be displayed with the watermark in the web portal.</li></ul> | |
| **Fields and Validation** | | |
| | Text Area | Text Field |
| | Filter | Link |
| | Refresh | Button |
| | Add Balance | Button |
| | Hide | Link |
| | Un Hide | Link |
| | Export to PDF | Button |
| | Export to JPEG | Button |
| | Export to Excel | Button |

## 4.3.6 Billing Screen:

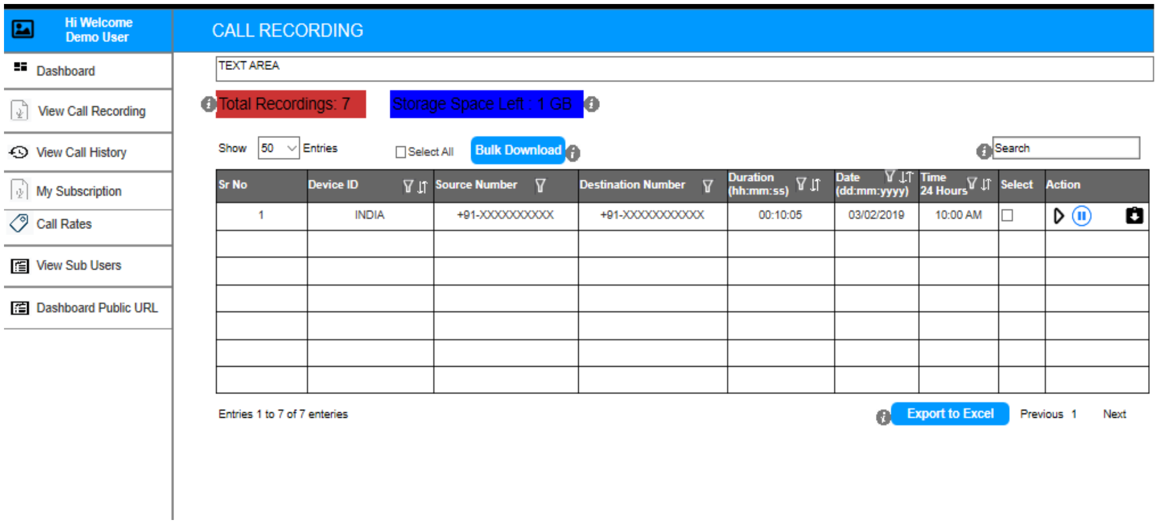



| | |
|---|---|
| **Actors** | Demo User |
| **Requirement Definition** | Users will be able to access the billing module functionality in the web portal. |
| **Pre - Condition** | On 'side menu', users have clicked on 'billing' menu option. |
| **Post – Condition** | Users will be able to view the billing module with dummy data |
| **Business Rules / Logic** | **Data in the billing module will be a dummy data. The billing module data will be retrieved from the web portal database.**<br><br>**Text Area**<br>Users will be able to view the billing module description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Trial Credit Balance**<br>View only button.<br><br>**Balance**<br>Users will be able to view dummy balance.<br><br>**Add Balance**<br>View only button<br><br>**Buy Subscription**<br>View only button<br><br>**Warning Balance**<br>View only 'add' icon with dummy warning balance value. |

| | |
|---|---|
| | **Download Invoice**<br>View only button<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the transaction table. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries in bottom<br><br>**Search**<br>Users will be able to search the transaction data with keywords<br><br>**Transaction Table**<br>The user will be able to view the transaction history in the table. The data will be retrieved from the web portal database. The client will provide the dummy database for representation purpose. Table will contain the following headers:<br>• **Serial No**<br>• **Date:** users will be able to sort the data with respect to the date also will be able to filter the data with respect to date selection i.e. from date and to date.<br>• **Time:** users will be able to sort the data with respect to the time. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection.<br>• **Type:** Users will be able to view the type of the transaction i.e. add balance or purchase subscription. They can also sort the data in ascending or descending order and can also filter out the data with respect to the type.<br>• **IP:** The ID from which the users has performed the transaction to be displayed. They will also be able to filter the data with respect to an IP.<br>• **Amount:** Transaction amount will be displayed here.<br>• **Transaction ID:** User will be able to view the transaction history. They can also be able to filter the data with respect to the transaction ID also can sort the data in ascending or descending order with respect to the transaction ID.<br>• **Status:** users will be able to view the status of the transaction such as failure or successful.<br><br>**Export to Excel**<br>Users will be able to extract the filter data in excel format.<br><br>**Previous and Next**<br>Based on the show entries selection, to view previous or next data user will click on “Previous” or “Next” button respectively. |

| Fields and Validation | | |
|---|---|---|
| | Text | Text Field |
| | Trial Credit Balance | Button |
| | Refresh | Link |
| | Add Balance | Button |
| | Buy Subscription | Button |
| | Download Invoice | Button |
| | Show Entries | Drop down selection |
| | Warning Balance | Number |
| | Warning Add Balance | Icon |
| | Search | Text Field |
| | Export to Excel | Button |
| | Previous | Button |
| | Next | Button |

## 4.3.7 Call Recording Screen:

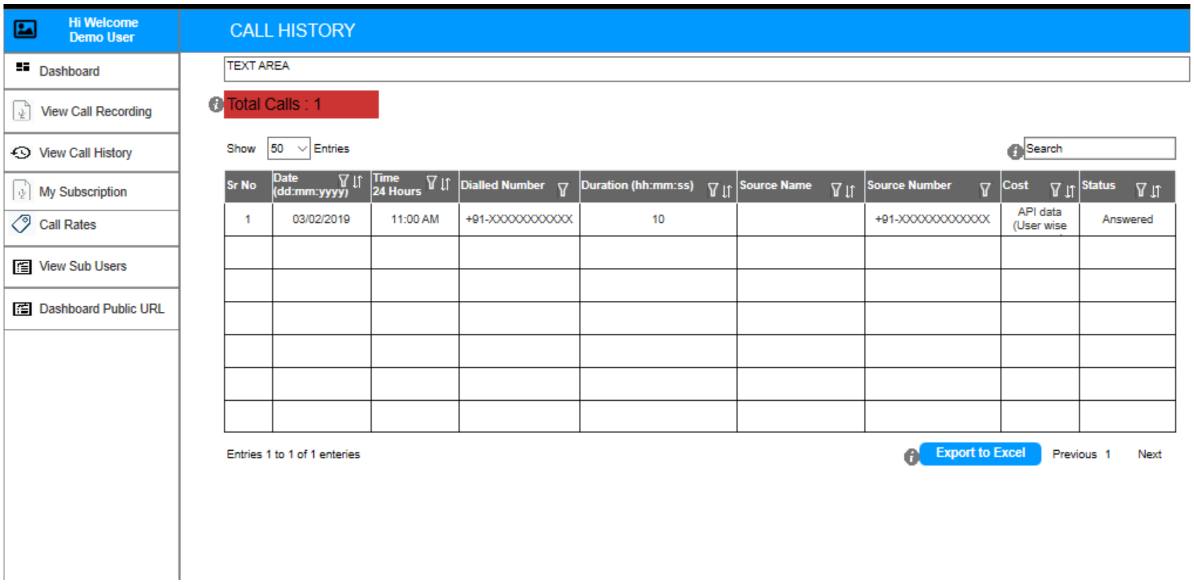



| | |
|---|---|
| **Actors** | Demo User |
| **Requirement Definition** | Users will be able to access the call recording module functionality in the web portal. |
| **Pre - Condition** | On ‘side menu’, users have clicked on ‘View Call Recording’ menu option. |
| **Post – Condition** | Following functionalities will be performed by the users:<br>• View total call recordings<br>• View storage space left<br>• Play, pause, and delete the call recording records<br>• Export the call recording data in excel |
| **Business Rules / Logic** | **Data in the call recording module will be a dummy data. The call recording module data will be retrieved from the web portal database.**<br><br>**Text Area**<br>Users will be able to view the call recording module description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Total Recordings**<br>Users will be able to view total recordings in number which are available in the web portal. I.e. the number of call recording records available in the call recording table.<br><br>**Storage Space** |

| | |
|---|---|
| | Users will be able to view the dummy storage space data in numbers.<br><br>**Select All**<br>Users will be able to select or deselect all the records in the table at once.<br><br>**Bulk Download**<br>Users will be able to download the call recordings of the selected records at once in wav or MP4. The download file would be a zip file with the file name "user_from date_to date_on date"<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the call recording table in one page. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries in bottom<br><br>**Search**<br>Users will be able to search the transaction data with keywords<br><br>**Call Recording Table**<br>The user will be able to view the call recording in the table. The data displayed in the table will come from the web portal database. Client will provide the dummy data which needs to be stored in the web portal database. Table will contain the following headers:<br>• **Serial No**<br>• **Date:** users will be able to sort the data in ascending or descending order with respect to the date, also will be able to filter the data with respect to date selection i.e. from date and to date. Format of date will be dd:mm:yyyy<br>• **Time:** users will be able to sort the data with respect to the time. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.<br>• **Device ID**: users can sort the data in ascending or descending order and can also filter out the data with respect to the device ID.<br>• **Source Number:** Users will be able to filter the data with respect to the source number.<br>• **Destination Number:** Users will be able to filter the data with respect to the destination number.<br>• **Duration:** User will be able to view the duration of the call recordings. They can sort the data in ascending or descending order and can also filter out the data with respect to the duration. The API will send the duration in seconds. The portal needs to convert the second (ss) format to hh:mm:ss and |

<table>
<tr><td></td><td>display the same to the users.<br>• **Select:** users will be able to check individual recording record.<br>• **Action:** The user can perform the following action for the selected records.<br>1. Will be able to download single call recording.<br>2. Will be able to play/ pause the call recording in the web portal.<br><br>**Export to Excel**<br>Users will be able to extract the filtered data in excel format.<br><br>**Previous and Next**<br>Based on the show entries selection, to view previous or next data user will click on “Previous” or “Next” button respectively.</td></tr>
<tr><td>**Fields and Validation**</td><td>
<table>
<tr><td>Text</td><td>Text Field</td></tr>
<tr><td>Total Recording</td><td>Text Field</td></tr>
<tr><td>Storage Space Left</td><td>Text Field</td></tr>
<tr><td>Select All</td><td>Check Box</td></tr>
<tr><td>Bulk Download</td><td>Button</td></tr>
<tr><td>Show Entries</td><td>Drop down selection</td></tr>
<tr><td>Search</td><td>Text Field</td></tr>
<tr><td>Export to Excel</td><td>Button</td></tr>
<tr><td>Previous</td><td>Button</td></tr>
<tr><td>Next</td><td>Button</td></tr>
</table>
</td></tr>
</table>

### 4.3.8 Call History Screen:

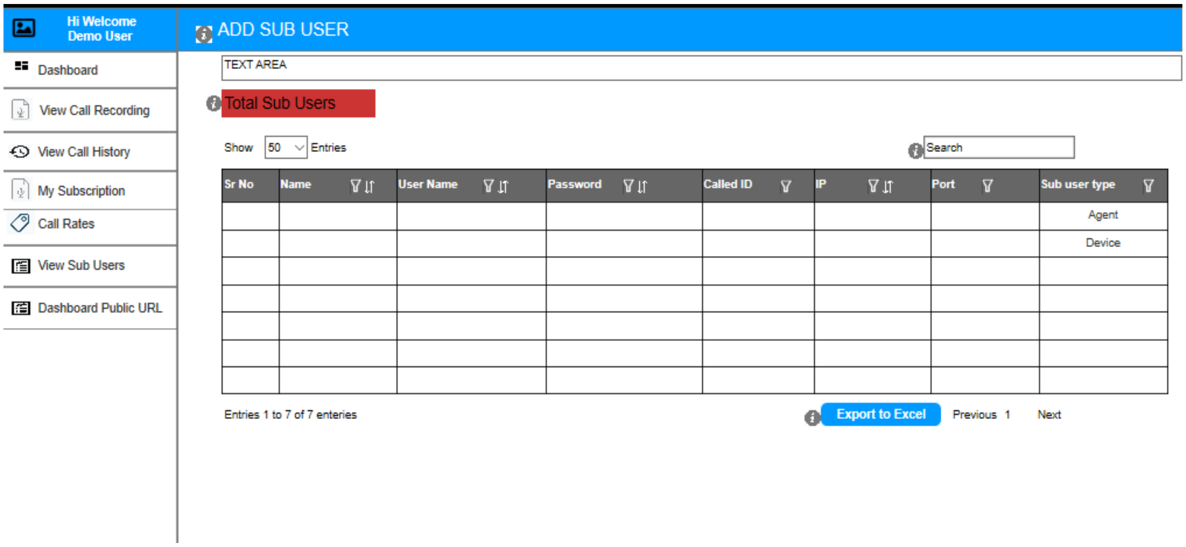



| | |
|---|---|
| **Actors** | Demo User |
| **Requirement Definition** | Users will be able to access the call recording module functionality in the web portal. |
| **Pre - Condition** | On 'side menu', users have clicked on 'View Call History' menu option. |
| **Post – Condition** | Following functionalities will be performed by the users:<br>• View total call history records available in the web portal<br>• Export the call history data in excel |
| **Business Rules / Logic** | **Data in the call history module will be a dummy data. The call history module data will be retrieved from the web portal database.**<br>**Text Area**<br>Users will be able to view the call history module description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Total Calls**<br>Users will be able to view total calls which are available in the web portal. I.e. the number of call records available in the call history table.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the call history table in one page. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries in bottom<br><br>**Search** |

<table>
<tr>
<td></td>
<td>
Users will be able to search the transaction data with keywords<br><br>
Call History Table<br>
The user will be able to view the call history records in the table. The data displayed in the table will come from the web portal database. Client will provide the dummy data which needs to be stored in the web portal database. Table will contain the following headers:
<ul>
<li>Serial No</li>
<li>Date: users will be able to sort the data in ascending or descending order with respect to the date, also will be able to filter the data with respect to date selection i.e. from date and to date. Format of date will be dd:mm:yyyy</li>
<li>Time: users will be able to sort the data with respect to the time. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.</li>
<li>Dialed number: Users can filter out the data with respect to the dialed number.</li>
<li>Duration: User will be able to view the duration of the calls. They can sort the data in ascending or descending order and can also filter out the data with respect to the duration.</li>
<li>Source Name: Users can sort the data in ascending or descending order and can also filter out the data with respect to the source name.</li>
<li>Source Number: Users can filter out the data with respect to the source number.</li>
<li>Cost: Users will be able to sort the data in ascending or descending order also will be able to filter the data with respect to cost.</li>
<li>Status: Users can sort the data in ascending or descending order and can also filter out the data with respect to the source name.</li>
</ul>
Export to Excel<br>
Users will be able to extract the filtered data in excel format.<br><br>
Previous and Next<br>
Based on the show entries selection, to view previous or next data user will click on “Previous” or “Next” button respectively.
</td>
</tr>
<tr>
<td>Fields and Validation</td>
<td>
<table>
<tr><td>Text</td><td>Text Field</td></tr>
<tr><td>Total Calls</td><td>Text Field</td></tr>
<tr><td>Show Entries</td><td>Drop down selection</td></tr>
</table>
</td>
</tr>
</table>

| | | |
|---|---|---|
| | Search | Text Field |
| | Export to Excel | Button |
| | Previous | Button |
| | Next | Button |

## 4.3.9 View Sub Users Screen:

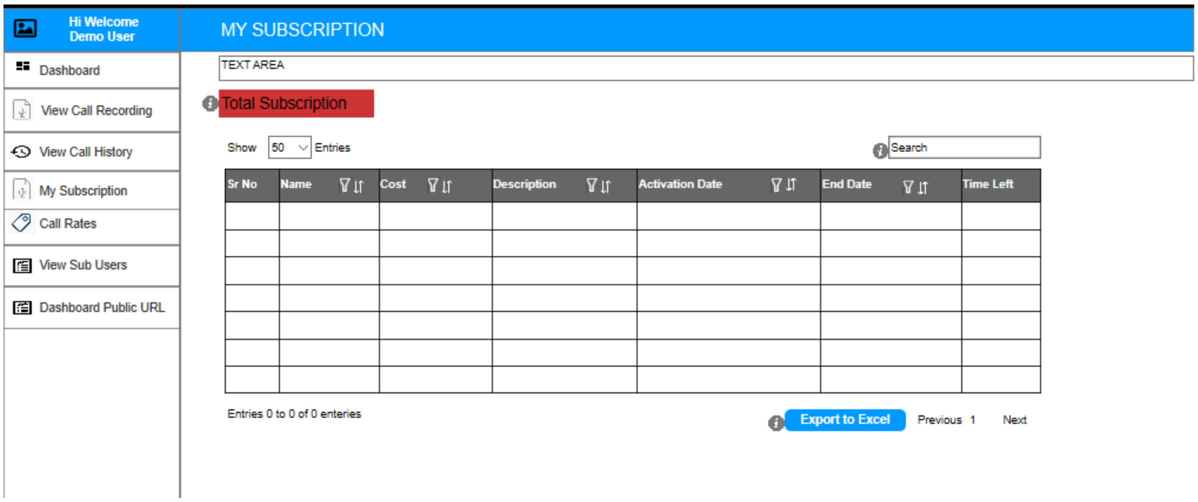



| | |
|---|---|
| **Actors** | Demo User |
| **Requirement Definition** | Users will be able to access the manage sub user module functionality in the web portal. |
| **Pre - Condition** | On 'side menu', users have clicked on 'View sub users' menu option. |
| **Post – Condition** | Following functionalities will be performed by the users:<br>• Will be able to view their associated active sub users<br>• Will be able to export the call history data in excel |
| **Business Rules / Logic** | **Sub user module will consist of a dummy data. The data will be retrieved from the web portal database and displayed to the demo users.**<br><br>**Text Area**<br>Users will be able to view the view sub user module description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Total Sub Users**<br>Users will be able to view total sub users which are available in the web portal. I.e. the number of call sub users available in the sub user table.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the sub user table in one page. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries in bottom |

<table>
<tr><td></td><td colspan="2">Search<br>Users will be able to search the transaction data with keywords<br><br>Sub User Table<br>The user will be able to view the all the active sub users records in the table. The data will be coming from the web portal database. Dummy data will be stored in the web portal database. Table will contain the following headers:<ul><li>Serial No</li><li>Name: users will be able to sort the data in ascending or descending order, also will be able to filter the data with respect to name.</li><li>User Name: users will be able to sort the data in ascending or descending order, also will be able to filter the data with respect to name. The data will be displayed for agent only.</li><li>Password: users will be able to sort the data in ascending or descending order, also will be able to filter the data with respect to name. The data will be displayed for agent only.</li><li>Called ID: users will be able to filter the data with respect to name. The data will be displayed for agent and device.</li><li>IP: Users can sort the data in ascending or descending order and can also filter out the data with respect to the IP. The data will be displayed for device only</li><li>Sub user type: users will be able to sort the data in ascending or descending order, also will be able to filter the data with respect to the sub users i.e. agent or device.</li></ul>Export to Excel<br>Users will be able to extract the filtered data in excel format.<br><br>Previous and Next<br>Based on the show entries selection, to view previous or next data user will click on “Previous” or “Next” button respectively.</td></tr>
<tr><td rowspan="7">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Text</td><td>Text Field</td></tr>
<tr><td>Total Sub Users</td><td>Text Field</td></tr>
<tr><td>Show Entries</td><td>Drop down selection</td></tr>
<tr><td>Search</td><td>Text Field</td></tr>
<tr><td>Export to Excel</td><td>Button</td></tr>
<tr><td>Previous</td><td>Button</td></tr>
</table>

| | | |
|---|---|---|
| | Next | Button |

### 4.3.10 Manage Subscription:

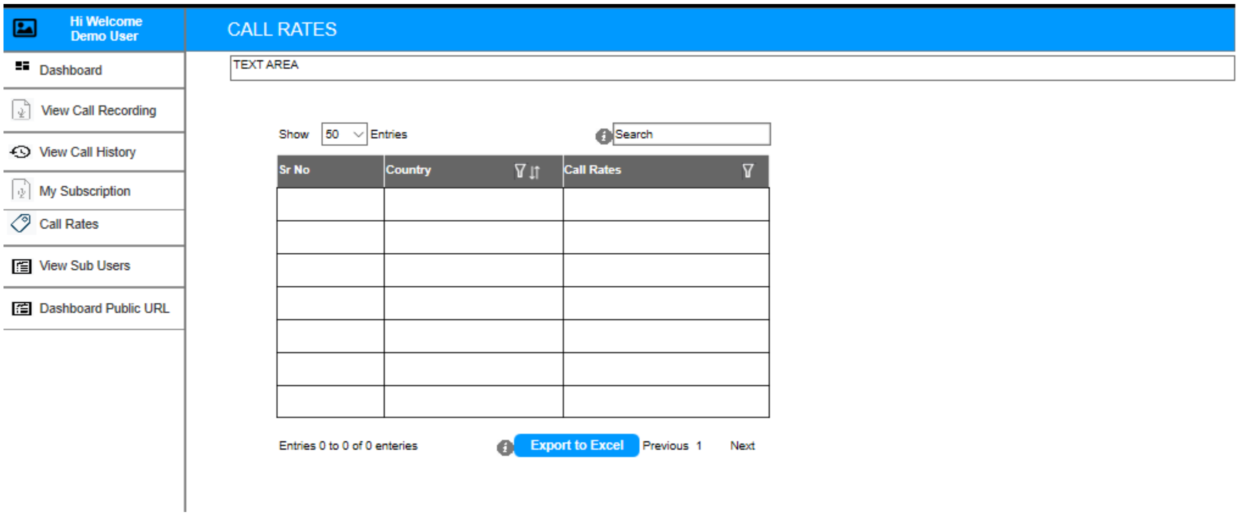



| | |
|---|---|
| **Actors** | Demo Users |
| **Requirement Definition** | Users will be able to access my subscription module functionality in the web portal. |
| **Pre - Condition** | On 'side menu', users have clicked on 'My Subscription' menu option. |
| **Post – Condition** | Following functionalities will be performed by the users:<br>• Will be able to view all the active subscription<br>• Will be able to export the subscription data in excel format |
| **Business Rules / Logic** | **My subscription module will consist of a dummy data. The data will be retrieved from the web portal database and displayed to the demo users.**<br><br>**Text Area**<br>Users will be able to view my subscription module description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Total Subscription**<br>Users will be able to view total subscription which are available in the web portal. I.e. the number of subscription records available in the subscription table.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the subscription table in one page. The drop |

| | | |
|---|---|---|
| | down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries in bottom<br>**Search**<br>Users will be able to search the transaction data with keywords<br><br>**Subscription Table**<br>The user will be able to view the subscription records in the table. The data displayed in the table will come from the web portal database. Client will provide the dummy data which needs to be stored in the web portal database. Table will contain the following headers:<br>• **Serial No**<br>• **Name:** Users will be able to sort the data in ascending or descending order also will be able to filter the data with respect to subscription name.<br>• **Cost:** Users will be able to sort the data in ascending or descending order also will be able to filter the data with respect to cost.<br>• **Description:** users will be able to sort the data in ascending or descending order with respect to the date, also will be able to filter the data with respect to subscription name.<br>• **Activation Data:** Users will be able to sort the data in ascending or descending order also will be able to filter the data with respect to activation date. (No date range filter is there)<br>• **End Date:** Users can sort the data in ascending or descending order and can also filter out the data with respect to the end date (No date range filter is available)<br>• **Time Left:** Users will be able to view the time left for the subscription to end.<br><br>**Export to Excel**<br>Users will be able to extract the filtered data in excel format.<br><br>**Previous and Next**<br>Based on the show entries selection, to view previous or next data user will click on “Previous” or “Next” button respectively. | |
| **Fields and Validation** | | |
| | Text | Text Field |
| | Total Calls | Text Field |
| | Show Entries | Drop down selection |
| | Search | Text Field |

| | | |
|---|---|---|
| | Export to Excel | Button |
| | Previous | Button |
| | Next | Button |

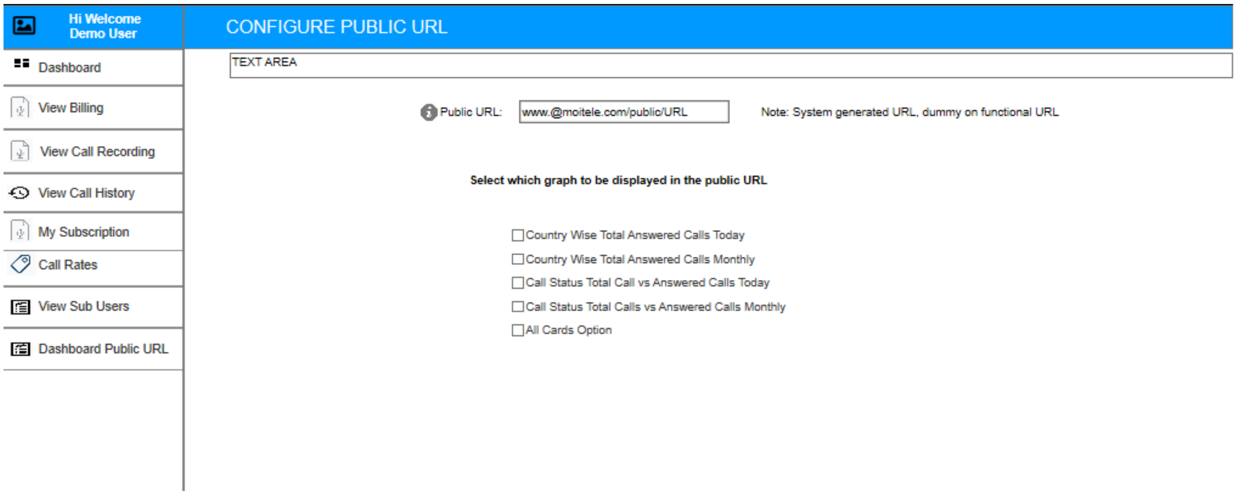
### 4.3.11 Call Rates:




| | |
|---|---|
| **Actors** | Demo User |
| **Requirement Definition** | Users will be able to view the call rates dummy data. |
| **Pre-Condition** | On 'side menu', users have clicked on 'Call rates' menu option. |
| **Post – Condition** | Following functionalities will be performed by the users:<br>• Will be able to view all call rates data<br>• Will be able to export the call rates data in excel format |
| **Business Rules / Logic** | **Call rates module will consist of a dummy data. The data will be retrieved from the web portal database and displayed to the demo users.**<br><br>**Text Area**<br>Users will be able to view call rates module description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Logic**<br>Users will be able to view the data of the call rates with respect to the country.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the call rates table in one page. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries in bottom<br><br>**Search**<br>Users will be able to search the transaction data with keywords |

<table>
<tr><td rowspan="1"></td><td colspan="2">Call Rates Table<br>The user will be able to view the call rates records in the table. The data displayed in the table will come from the web portal database. Client will provide the dummy data which needs to be stored in the web portal database. Table will contain the following headers:<br>• Serial No<br>• Country: users will be able to sort the data in ascending or descending order also will be able to filter out the data with respect to the country.<br>• Call Rates: users will be able to sort the data in ascending or descending order also will be able to filter out the data with respect to the call rates.<br><br>Export to Excel<br>Users will be able to extract the filtered data in excel format.<br><br>Previous and Next<br>Based on the show entries selection, to view previous or next data user will click on “Previous” or “Next” button respectively.</td></tr>
<tr><td rowspan="7">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Text</td><td>Text Field</td></tr>
<tr><td>Show Entries</td><td>Drop down selection</td></tr>
<tr><td>Search</td><td>Text Field</td></tr>
<tr><td>Export to Excel</td><td>Button</td></tr>
<tr><td>Previous</td><td>Button</td></tr>
<tr><td>Next</td><td>Button</td></tr>
</table>

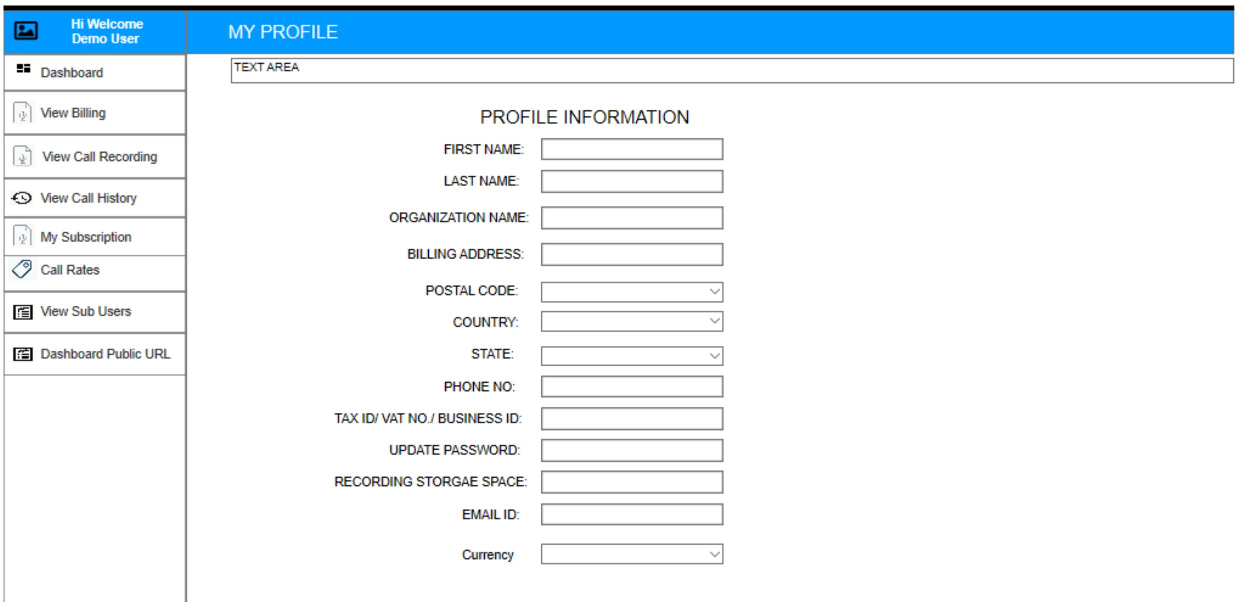
### 4.3.12 Dashboard Public URL:




| | | |
|---|---|---|
| **Actors** | Users will be able to view dashboard public url in the web portal. | |
| **Requirement Definition** | On 'side menu', users have clicked on 'Dashboard Public URL' menu option. | |
| **Pre-Condition** | Public URL will be generated for the users. If user's wants to configure the content of the public URL, web portal will display the user to configure pop-up window. | |
| **Post – Condition** | The demo user will have read only functionality for dashboard public URL. They will not be able to generate the URL or configure the content of the URL. | |
| **Business Rules / Logic** | **Dashboard public URL module will consist of a dummy data. The data will be retrieved from the web portal database and displayed to the demo users.**<br><br>**Text Area**<br>Users will be able to view the dashboard public URL module description in this section. The admin will configure the description in the web portal admin panel.<br><br>**Public URL**<br>View only access<br><br>**Configure**<br>Clicking on configure button, the web page will display configure pop-up window to the users. | |
| **Fields and Validation** | | |
| | Text | Text Field |
| | Public URL | Text Field |

| | | |
|---|---|---|
| | Country wise total answered calls today (MAP) | Check Box |
| | Country wise total answered calls monthly (MAP) | Check Box |
| | Call status total calls vs. answered call today | Check Box |
| | Call status total calls vs. answered call monthly | Check Box |
| | All cards option | Check Box |
| | Generate URL | Button |

### 4.3.13 My profile

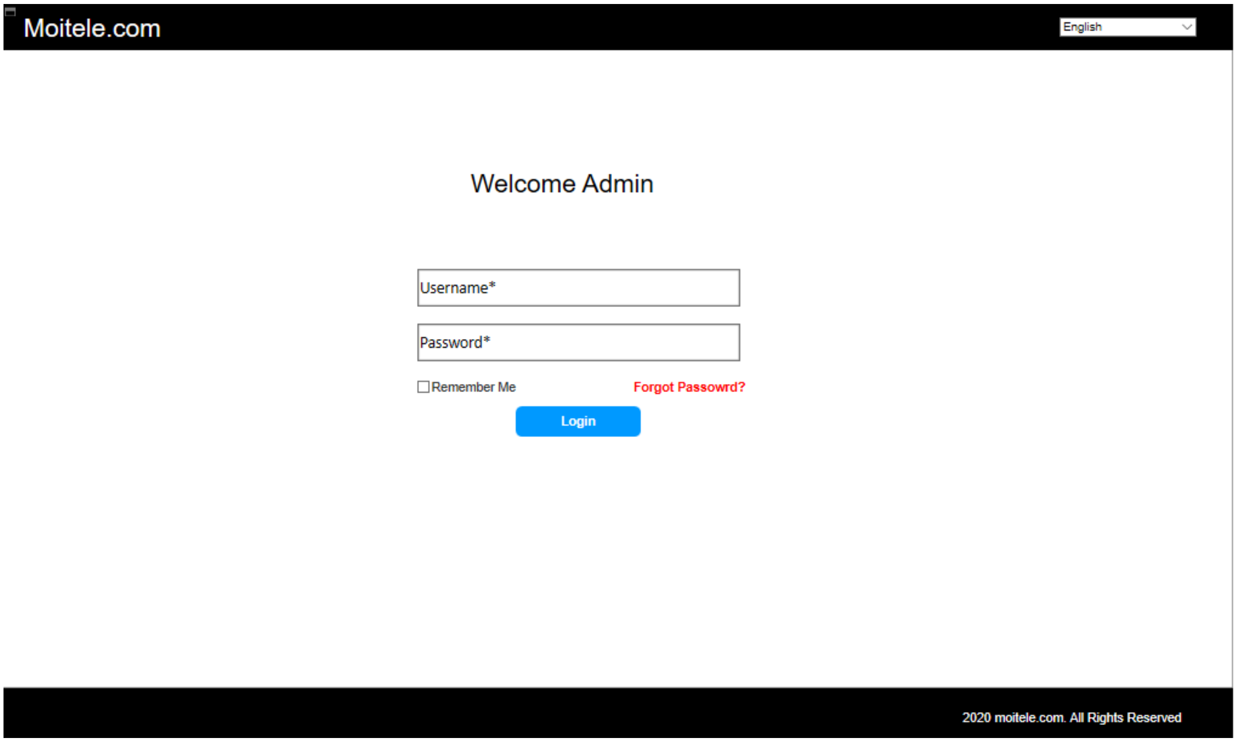



| | | |
|---|---|---|
| **Actors** | Demo User | |
| **Requirement Definition** | Users will be able to access the 'my profile' module functionality in the web portal. | |
| **Pre-Condition** | On web page header user icon, users have clicked on 'My Profile' menu option. | |
| **Post – Condition** | Users will be able to view or update their profile data. If user's wants to update the details, web portal will display the update profile confirmation pop-up window. | |
| **Business Rules / Logic** | **Logic**<br>Demo user will be able to view my profile section with dummy database. | |
| **Fields and Validation** | | |
| | First Name | Text Field |
| | Last Name | Text Field |
| | Organization Name | Text Field |
| | Billing Address | Text Field |
| | Postal Code | Drop down selection |
| | Country | Drop Down Selection |

| | | |
|---|---|---|
| | State | Drop Down Selection |
| | Phone No | Text Field |
| | Tax ID/ VAT No/ Business ID | Text Field |
| | Update Password | Text Field |
| | Recording Storage Space | Text Field |
| | Email ID | Text Field |
| | Update Email ID | Link |
| | Cancel | Button |
| | Change Email | Button |
| | Currency | Drop down selection |

## 4.4 Modules for Admin Users:

### 4.4.1 Login Screen:



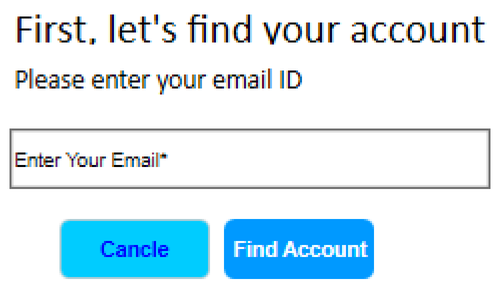

| | |
|---|---|
| **Actors** | Admin Users |
| **Requirement Definition** | Admin users will be able to login into the web back end with valid login credentials. |
| **Pre - Condition** | Admin users have their login credentials to login into the web back end with them. |
| **Post – Condition** | On successful login, users will be redirected to the 'user logs' web page. |
| **Business Rules / Logic** | **Header**<br>**Moitele Logo**<br>Users will be able to view the company logo configured by the admin in the web backend. Clicking on the 'logo', they will be redirected to the 'user logs' web page.<br><br>**Language**<br>Admin user will be able to change the language of the web backend by selecting the available language from the drop down selection. Only fields displayed in the web backend will be changed into the selected language. Enter text will be in English only. |

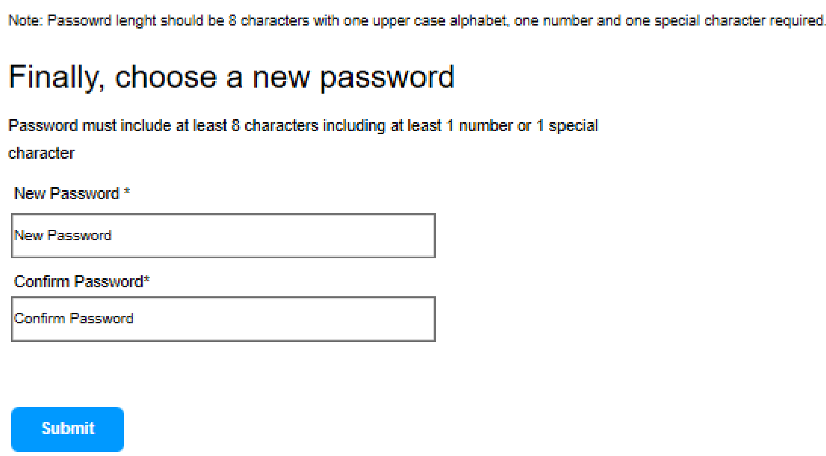
| | |
|---|---|
| | **Footer**<br>Admin user will be able to view the copyright and all rights reserved read only text.<br><br>**Login**<br>To login, admin user will follow following steps:<br>• User will enter the 'Username'<br>• User will enter the 'Password'<br>• User will check on 'Remember me' check box to remember the login credentials. On subsequent visits the login credentials will auto populate?<br>• User will click on 'Login' button to login into the web backend<br>• Web backend will authenticate the entered login credentials with the database.<br>Condition 1: Invalid login credentials<br>Web backend will validate the user with invalid username and password.<br>Condition 2: Login Success<br>Web backend will redirect the user to 'user logs' web page.<br><br>**Forget Password**<br>To reset the password, admin user will follow following steps<br>• User will click on 'Forgot Password' link on login screen<br>• User will enter the 'email ID'<br>• User will click on 'Find Account Button'<br>• Web backend will authenticate the entered email ID with the database to find any account associated with the same.<br>Condition 1: Account not found<br>Web backend will validate the user that "No account is associated with the entered email ID. Please enter the email ID you used at the time of login. If don't know email ID, please contact the IT department"<br>Condition 2: Account Found<br>Web backend will trigger an email to the user entered email ID with an OTP and will redirect the user to enter OTP web page.<br>Condition 3: Cancel<br>To cancel the reset password process, the admin user will be able to click on 'cancel' button. Web backend will redirect the user to the 'login' web page.<br>• User will enter the received OTP in the web backend for verification.<br>• User will click on 'Submit' button to verify the OTP<br>Condition 1: Invalid OTP<br>Web backend will validate the user with invalid OTP<br>Condition 2: OTP Verified |

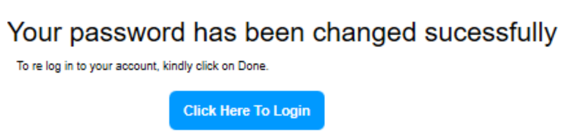
<table>
<tr>
<td></td>
<td>
Web backend will verify the OTP and will redirect the user to change password web page<br>
Condition 3: OTP not received<br>
User will click on ‘Resend’ link to resend the email with the same OTP. Furthermore the user will be able to resend the email only 3 times. On every resend, the link will be disabled for 30 seconds.
<ul>
<li>On ‘change password’ web page, user will enter the ‘new password’ and ‘confirm password’</li>
<li>User will click on ‘Submit’ button to set the new password.<br>
Condition 1: Password value mismatch<br>
Web backend will validate the user for password mismatch with highlighting the fields in red colour or display the password mismatch message.<br>
Condition 2: Password change success<br>
Web backend will set the new password and update the database accordingly. The user will redirect the user to ‘change password confirmation’ web page.</li>
<li>User will click on ‘Done’ button or ‘Moitele.com’ link in the header to redirect to the login page.</li>
<li>User will be able to login into the web back end with the new password.</li>
</ul>
</td>
</tr>
<tr>
<td>Fields and Validation</td>
<td>
<table>
<tr><td>Logo</td><td>Image</td></tr>
<tr><td>Username</td><td>Text Field</td></tr>
<tr><td colspan="2"><ul><li>Username will have no character limit</li><li>User can enter Characters/ Numbers/ Special characters for Username (Alpha Numeric)</li></ul></td></tr>
<tr><td>Password</td><td>Text Field</td></tr>
<tr><td colspan="2"><ul><li>Password will have minimum 8 and maximum 16 characters</li><li>User can enter Characters/ Numbers/ Special characters in password field (Alpha Numeric)</li></ul></td></tr>
<tr><td>Remember me</td><td>Check Box</td></tr>
<tr><td>Forget Password</td><td>Link</td></tr>
<tr><td>Email ID</td><td>Text Field</td></tr>
<tr><td>Cancel</td><td>Button</td></tr>
<tr><td>Find Account</td><td>Button</td></tr>
</table>
</td>
</tr>
</table>

| | | |
|---|---|---|
| | Enter OTP | Text Field |
| | Maximum digits the user can enter is 6. | |
| | Resend | Link |
| | New Password | Text Field |
| | Password should follow below mentioned nomenclature<br>• Password will have minimum 8 and maximum 16 characters (Subject to API).<br>• Password should contain one upper case character.<br>• Password should contain one digit is required.<br>• Password should contain one special character. | |
| | Confirm Password | Text Field |
| | New password and confirm password value should match | |
| | Submit | Button |
| | Done | Submit |
| | Moitele.com | Link |

### 4.4.2 Forgot Password




| | |
|---|---|
| **Actors** | Admin Users |
| **Requirement Definition** | Admin users will be able to login into the web back end with valid login credentials. |

<table>
<tr><td>Pre - Condition</td><td>Admin users have their login credentials to login into the web back end with them.</td></tr>
<tr><td>Post – Condition</td><td>New password is set for the admin users.</td></tr>
<tr><td>Business Rules / Logic</td><td>Forget Password<br>To reset the password, admin user will follow following steps<ul><li>User will click on ‘Forgot Password’ link on login screen</li><li>User will enter the ‘email ID’</li><li>User will click on ‘Find Account Button’</li><li>Web backend will authenticate the entered email ID with the database to find any account associated with the same.<br>Condition 1: Account not found<br>Web backend will validate the user that “No account is associated with the entered email ID. Please enter the email ID you used at the time of login. If don’t know email ID, please contact the IT department”<br>Condition 2: Account Found<br>Web backend will trigger an email to the user entered email ID with a verification link.<br>Condition 3: Cancel<br>To cancel the reset password process, the admin user will be able to click on ‘cancel’ button. Web backend will redirect the user to the ‘login’ web page.</li><li>Once the user clicks on the verification link, web back end will redirect the user to the set new password webpage.</li><li>On ‘set new password’ web page, user will enter the ‘new password’ and ‘confirm password’</li><li>User will click on ‘Submit’ button to set the new password.<br>Condition 1: Password value mismatch<br>Web backend will validate the user for password mismatch with highlighting the fields in red colour or display the password mismatch message.<br>Condition 2: Password change success<br>Web backend will set the new password and update the database accordingly. The user will redirect the user to ‘change password confirmation’ web page.</li><li>User will click on ‘Done’ button or ‘Moitele.com’ link in the header to redirect to the login page.</li><li>User will be able to login into the web back end with the new password.</li></ul></td></tr>
<tr><td>Fields and Validation</td><td><table><tr><td>Logo</td><td>Image</td></tr><tr><td>Username</td><td>Text Field</td></tr></table></td></tr>
</table>

| | | |
|---|---|---|
| | • Username will have no character limit<br>• User can enter Characters/ Numbers/ Special characters for Username (Alpha Numeric) | |
| | Password | Text Field |
| | • Password will have minimum 8 and maximum 16 characters<br>• User can enter Characters/ Numbers/ Special characters in password field (Alpha Numeric) | |
| | Remember me | Check Box |
| | Forget Password | Link |
| | Email ID | Text Field |
| | Cancel | Button |
| | Find Account | Button |
| | Enter OTP | Text Field |
| | Maximum digits the user can enter is 6. | |
| | Resend | Link |
| | New Password | Text Field |
| | Password should follow below mentioned nomenclature<br>• Password will have minimum 8 and maximum 16 characters (Subject to API).<br>• Password should contain one upper case character.<br>• Password should contain one digit is required.<br>• Password should contain one special character (No space allowed)<br>• Password should contain one small character | |
| | Confirm Password | Text Field |
| | New password and confirm password value should match | |
| | Submit | Button |
| | Done | Submit |
| | Moitele.com | Link |

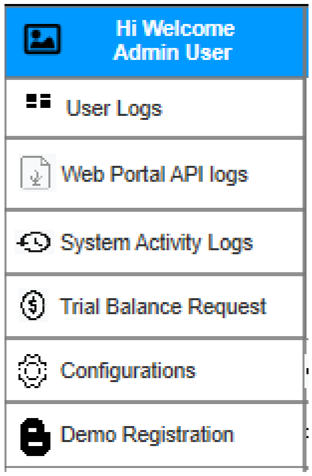
### 4.4.3 Header & Footer

Header

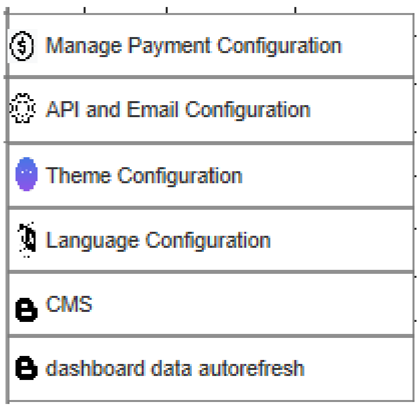

Footer


<table>
<tr><td>Actors</td><td colspan="2">Admin User</td></tr>
<tr><td>Requirement Definition</td><td colspan="2">Admin user will be able to view the header and footer on all the web pages of the web back end.</td></tr>
<tr><td>Pre - Condition</td><td colspan="2">Successful login required for admin users in the web back end.</td></tr>
<tr><td>Post – Condition</td><td colspan="2">Admin user will be able to view the company logo and user icon in the header and copyright with all rights reserved read only text in the footer.</td></tr>
<tr><td>Business Rules / Logic</td><td colspan="2">Moitele Logo<br>Users will be able to view the company logo configured by the admin in the web backend in the header. Clicking on the logo, user will be redirected to the ‘user log’ web page.<br><br>User Icon<br>Users will be able to view the user icon in the header. Clicking on the user icon user will able to view ‘Log out’ menu option. Clicking on ‘Log out’ menu, web backend will redirect the user to the web back end login page.</td></tr>
<tr><td rowspan="5">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Logo</td><td>Image</td></tr>
<tr><td>Language</td><td>Drop down selection</td></tr>
<tr><td>User Icon</td><td>Image</td></tr>
<tr><td>Log Out</td><td>Link</td></tr>
</table>

### 4.4.4 Side Menu




Configurations – Sub Menu



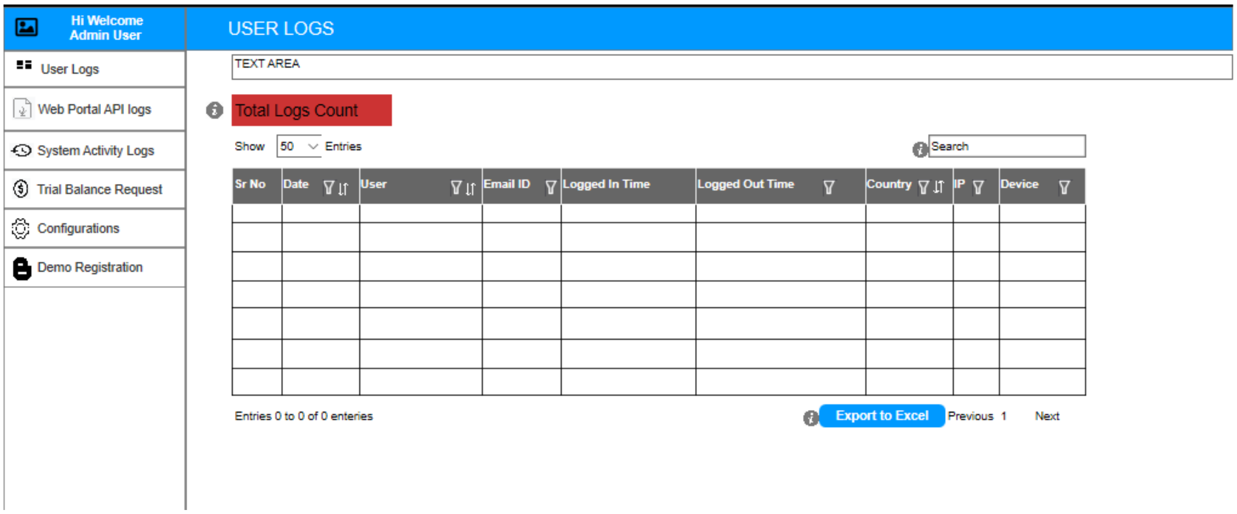

| | |
|---|---|
| **Actors** | Admin User |
| **Requirement Definition** | Users will be able to view the side menu of the web back end. |
| **Pre - Condition** | Successful login required for the admin user. |
| **Post – Condition** | Users will be able to click on the menu option to navigate between the modules of the web back end. |
| **Business Rules / Logic** | **Hi Welcome**<br>The web back end will display the message ‘Hi Welcome Admin User’.<br><br>**User Logs**<br>Web backend will redirect the user to ‘user logs’ module<br><br>**Web Portal API logs**<br>Web backend will redirect the user to ‘Web Portal API logs’ module<br><br>**System Activity Logs** |

| | |
|---|---|
| | Web backend will redirect the user to 'System activity logs' module<br>**Trial Balance Request**<br>Web backend will redirect the user to 'Trial balance request' module<br><br>**Configuration**<br>Web portal will open sub menus:<br>• **Manage Payment Configuration**<br>Web backend will redirect the user to 'manage payment configuration' web page<br>• **API and Email Configuration**<br>Web backend will redirect the user to 'API and Email configuration' web page<br>• **Theme Configuration**<br>Web backend will redirect the user to 'Theme configuration' web page<br>• **Language Configuration**<br>Web backend will redirect the user to 'language configuration' web page<br>• **CMS**<br>Web backend will redirect the user to 'CMS' web page<br>• **Dashboard Data Auto Refresh**<br>Web backend will redirect the user to 'Dashboard Data Auto Refresh' web page<br><br>**Demo Registration**<br>Web backend will redirect the user to 'Demo registration' module. |
| **Fields and Validation** | |

| | |
|---|---|
| User Logs | Link |
| Web Portal API Logs | Link |
| System Activity Logs | Link |
| Trial Balance Request | Link |
| Configuration | Link |
| Manage Payment Configuration | Link |
| API & Email Configuration | Link |
| Theme Configuration | Link |
| CMS | Link |
| Dashboard Data Auto Refresh | Link |

| | | |
|---|---|---|
| | Demo Registration | Link |
| | Language Configuration | Link |

### 4.4.5 User Logs

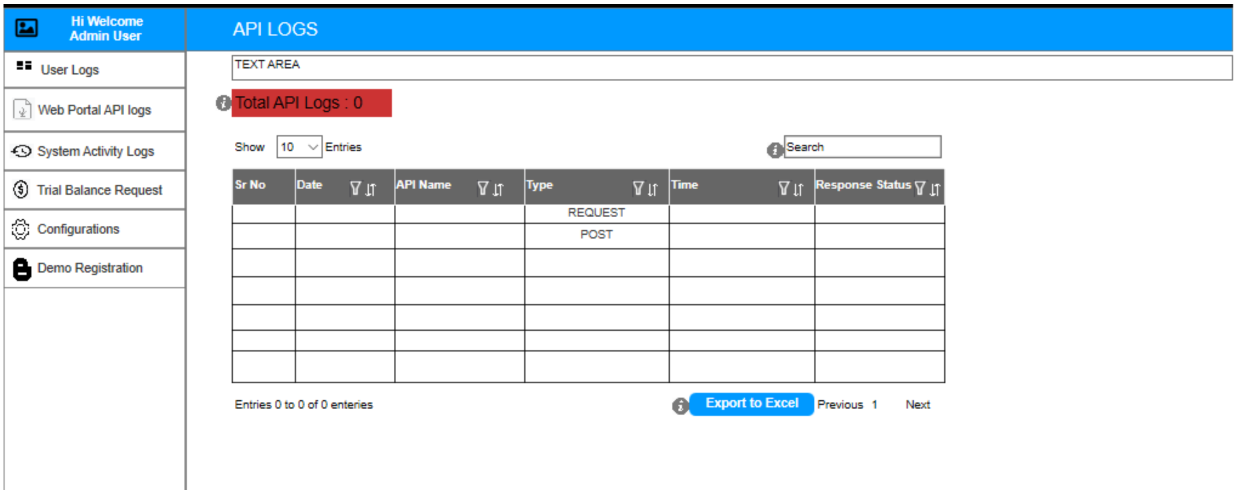



| | |
|---|---|
| **Actors** | Admin User |
| **Requirement Definition** | Users will be able to access the ‘user logs’ module functionality in the web backend. |
| **Pre - Condition** | On web backend ‘side menu’ the admin user have clicked on ‘user logs’ menu link. |
| **Post – Condition** | Admin user will be able to perform below functionalities<br>• User will be able to view total logs count in number<br>• User will be able to view or search the user logs<br>• User will be able to export the user log data in excel format |
| **Business Rules / Logic** | **Text Area**<br>User will be able to view the ‘user log’ module description configured by the admin in the web backend.<br><br>**Total Logs Count**<br>Users will be able to view total user logs count in number which are available in the web backend i.e. the number of logs available in the user logs table.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be |

| | |
|---|---|
| | displayed in the user logs table in one page. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries in bottom<br><br>**Search**<br>Users will be able to search the transaction data with keywords<br><br>**User Logs**<br>The user will be able to view the user logs records in the user logs table. The data will be coming from web backend database.<br>• **Serial Number**<br>• **Date:** Admin user will be able to sort the data in ascending or descending order also will be able to filter the data with respect to date selection i.e. from date and to date. Format of date will be dd:mm:yyyy.<br>• **Time:** Admin user will be able to sort the data with respect to the time. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.<br>• **User:** Admin users will able to view the name of the Existing user/ agents/ demo log in into the web portal. They will be able to sort the data in ascending or descending order with respect to the user also will be able to filter the data with the user value.<br>• **Email ID:** Admin user will be able to view the email ID of the Existing user/ agents/ demo user log in into the web portal. They will be able to filter the data with the email ID.<br>• **Logged In Time:** Admin user will be able to view logged in time of the Existing user/ agents/ demo in the web portal. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.<br>• **Logged Out Time:** Admin user will be able to view log out time of the Existing user/ agents/ demo in the web portal. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.<br>• **Country:** Admin user will be able to view the location i.e. country of the Existing user/ agents/ demo log in into the web portal. They will be able to sort the data in ascending or descending order also will be able to filter the data with respect to country.<br>• **IP:** Admin user will be able to view the IP address of the Existing user/ agents/ demo log in into the web portal. They will be able to sort the data with respect to the IP address.<br>• **Device:** Admin User will be able to view the device used by the Existing user/ agents/ demo to log in into the web portal.<br><br>**Export to Excel** |

| | | |
|---|---|---|
| | Users will be able to extract the filtered data in excel format. | |
| **Fields and Validation** | | |
| | Text Area | Text Field |
| | Show Entries | Drop down |
| | Search | Text Field |
| | Export to excel | Button |

### 4.4.6 Web Portal Activity Logs

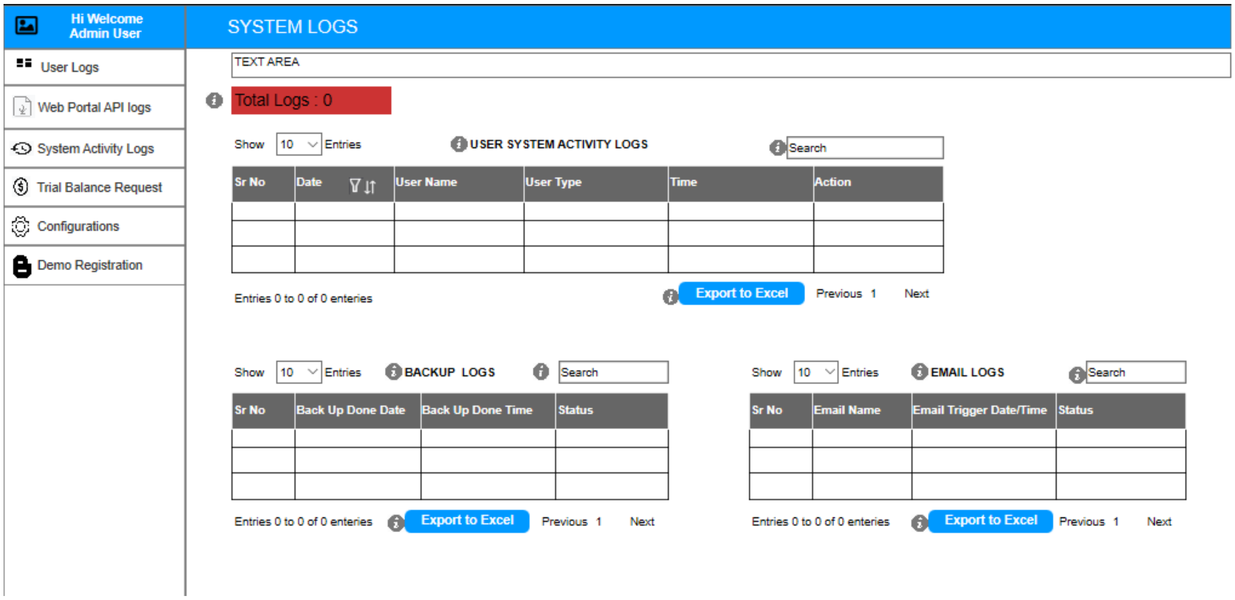



| | |
|---|---|
| **Actors** | Admin User |
| **Requirement Definition** | Users will be able to access the ‘Web portal activity logs’ module functionality in the web backend. |
| **Pre - Condition** | On web backend ‘side menu’ the admin user have clicked on ‘web activity menu log’ menu link. |
| **Post – Condition** | Admin user will be able to perform below functionalities<br>• User will be able to view API logs count in number<br>• User will be able to view or search the API logs<br>• User will be able to export the API logs data in excel format |
| **Business Rules / Logic** | **Text Area**<br>User will be able to view the ‘Web portal activity log’ module description configured by the admin in the web backend.<br><br>**Total Logs Count**<br>Users will be able to view total API logs count in number which are available in the web backend i.e. the number of logs available in the user logs table.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the API logs table in one page. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries in bottom<br><br>**Search**<br>Users will be able to search the transaction data with keywords<br><br>**API Logs Table**<br>The admin user will be able to view the API logs records in the API |

| | |
|---|---|
| | logs table. The data will be coming from web backend database.<br>• **Serial Number**<br>• **Date:** Admin user will be able to sort the data in ascending or descending order also will be able to filter the data with respect to date selection i.e. from date and to date. Format of date will be dd:mm:yyyy.<br>• **Time:** Admin user will be able to sort the data in ascending or descending orders. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.<br>• **API Name:** Admin users will able to view the name of the API triggered in the web portal. They will be able to sort the data in ascending or descending order also will be able to filter the data with the API name.<br>• **API Type:** Admin user will be able to view the API type triggered in the web portal i.e. API has send the data or Data received from API. They will be able to sort the data in ascending or descending order also will be able to filter the data with the API type.<br>• **Response** Admin user will be able to view API response status i.e. Successful or failed. They will be able to sort the data in ascending or descending order also will be able to filter the data with the API type.<br><br>**Export to Excel**<br>Users will be able to extract the filtered data in excel format. |
| **Fields and Validation** | |

| | |
|---|---|
| Text Area | Text Field |
| Show Entries | Drop down |
| Search | Text Field |
| Export to excel | Button |

### 4.4.7 System Activity Logs

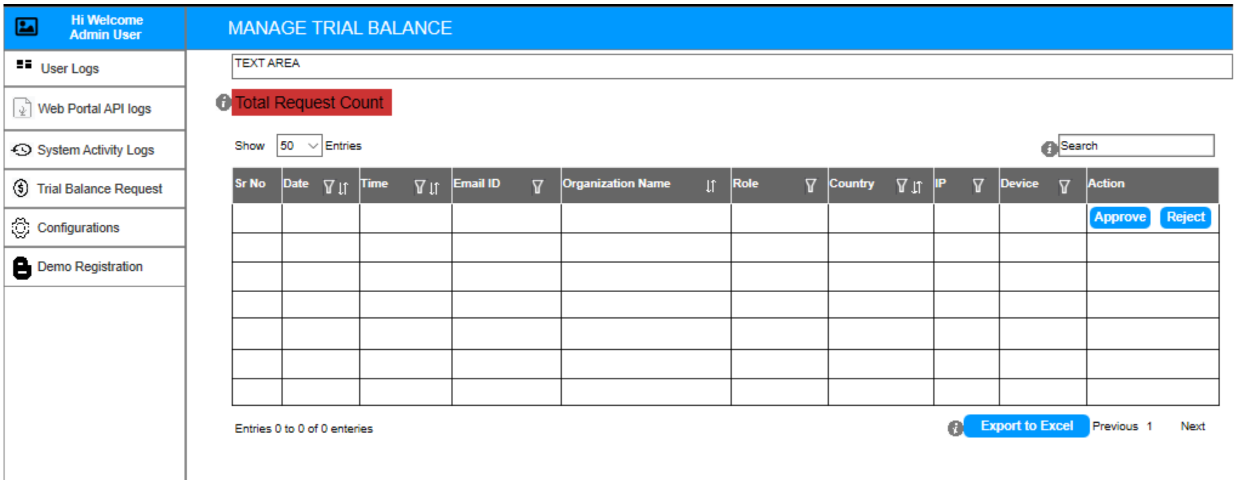



| | |
|---|---|
| **Actors** | Admin User |
| **Requirement Definition** | Users will be able to access the ‘System activity logs’ module functionality in the web backend. |
| **Pre - Condition** | On web backend ‘side menu’ the admin user have clicked on ‘System activity log’ menu link. |
| **Post – Condition** | Admin user will be able to perform below functionalities<br>• User will be able to view System logs count<br>• User will be able to view backup logs<br>• User will be able to view email logs |
| **Business Rules / Logic** | **Text Area**<br>User will be able to view the ‘System activity log’ module description configured by the admin in the web backend.<br><br>**User System Activity Logs**<br><br>**Total Logs Count**<br>Users will be able to view total user System activity logs count in number which are available in the web backend i.e. the number of logs available in the user system activity logs table.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the user activity logs table in one page. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries in bottom |

| | |
|---|---|
| | **Search**<br>Users will be able to search the transaction data with keywords<br><br>**User Activity Logs Table**<br>The admin user will be able to view the API logs records in the API logs table. The data will be coming from web backend database.<br>• **Serial Number**<br>• **Date:** Admin user will be able to sort the data in ascending or descending order also will be able to filter the data with respect to date selection i.e. from date and to date. Format of date will be dd:mm:yyyy.<br>• **Time:** Admin user will be able to sort the data in ascending or descending orders. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.<br>• **User Name:** Admin users will able to view the user name of the existing user/ agents/ demo user who log in into the web portal and performs the activity. They will be able to sort the data in ascending or descending order also will be able to filter the data with the user name.<br>• **User Type:** Admin user will be able to view the user type of the user i.e. existing user, demo user, agents. They will be able to sort the data in ascending or descending order also will be able to filter the data with the user type.<br>• **Action:** Admin user will be able to view the action of the user performed in the web portal<br>**Example:** If the existing user has opened 'billing' module and in billing module clicked on 'add balance' button and proceed further with the transaction. These actions to be captured in the action column<br><br>**Back Up Logs Table**<br><br>• **Serial No.**<br>• **Backup done date:** Admin user will be able to view the date on which the backup is done of the web portal database. They will be able to sort the data in ascending or descending order also will be able to filter the data with respect to date selection i.e. from date and to date. Format of date will be dd:mm:yyyy.<br>• **Backup done Time:** Admin user will be able to view the time at which the backup is done. They will be able to sort the data in ascending or descending orders. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.<br>• **Status:** Admin user will be able to view the status of the |

| | | |
|---|---|---|
| | backup i.e. successful or failed<br><br>**Email Logs Table**<br>• **Serial Number**<br>• **Email Name:** Admin user will be able to view the email name triggered from the web portal.<br>• **Email Triggering Date/Time:** Admin user will be able to view the date and time of the email which are triggered in the web portal. They will be able to sort the data in ascending or descending order also will be able to filter the data with respect to the data/ time. Format of date will be dd/mm/yyyy and for time is 24 hours.<br>• **Status:** Admin user will be able to view the status of the email triggered i.e. passed or failed<br><br>**Export to Excel**<br>Users will be able to extract the filtered data in excel format. | |
| **Fields and Validation** | | |
| | Text Area | Text Field |
| | Show Entries | Drop down |
| | Search | Text Field |
| | Export to excel | Button |

### 4.4.8 Trial Balance Request

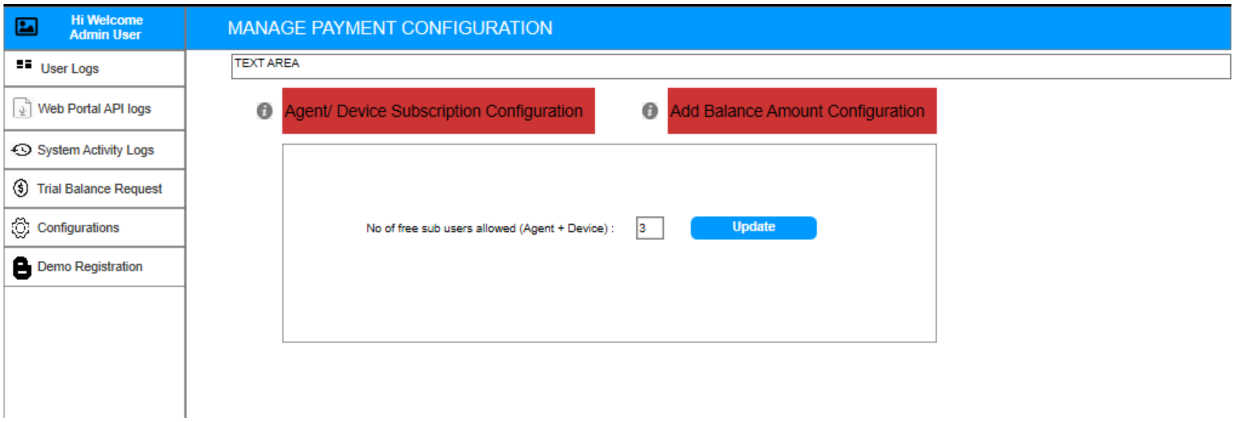


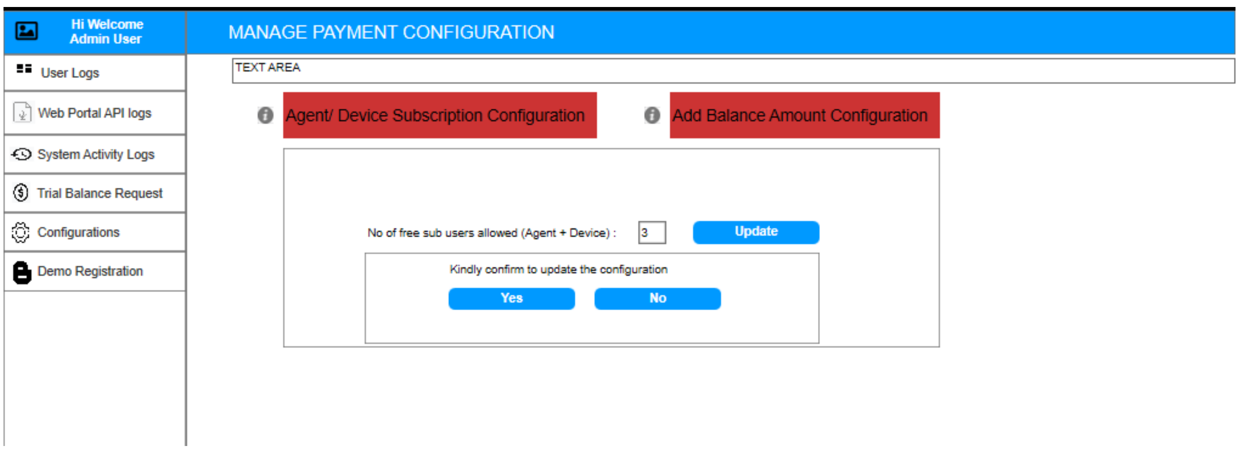

| | |
|---|---|
| **Actors** | Admin User |
| **Requirement Definition** | Users will be able to access the 'Trial balance request' module functionality in the web backend. |
| **Pre - Condition** | On web backend 'side menu' the admin user have clicked on 'Trial balance request' menu link. |
| **Post – Condition** | Admin user will be able to perform below functionalities<br>• User will be able to view total trial balance request count in number<br>• User will be able to view the details of the users request for trial balance<br>• User will be able to approve or reject the trial credit balance.<br>• User will be able to export the API logs data in excel format |
| **Business Rules / Logic** | **Text Area**<br>User will be able to view the 'Trial Credit Balance' module description configured by the admin in the web backend.<br><br>**Total Request Count**<br>Users will be able to view total trial credit balance request count in number which are available in the web backend i.e. the number of trial credit balance request available in the trial credit balance request table.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the trial credit balance table in one page. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries in bottom<br>**Search**<br>Users will be able to search the transaction data with keywords |

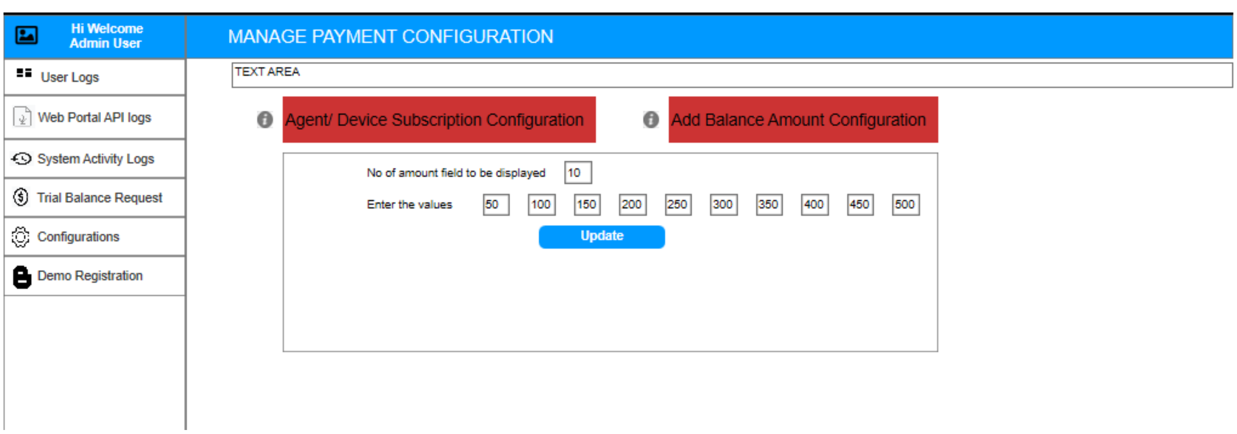
| | |
|---|---|
| | **Trial credit balance Table**<br>The admin user will be able to view the trial credit balance records in the API logs table. The data will be coming from web backend database.<br>• **Serial Number**<br>• **Date:** Admin user will be able to sort the data in ascending or descending order also will be able to filter the data with respect to date selection i.e. from date and to date. Format of date will be dd:mm:yyyy.<br>• **Time:** Admin user will be able to sort the data in ascending or descending orders. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.<br>• **Email ID:** Admin users will able to view the email ID of the user who requested for the trial credit balance in the web portal. They will be able to filter the data with the email ID.<br>• **Organization Name:** Admin user will be able to view the organization name data provided by the user who requested for trial credit balance in the web portal. They will be able to sort the data in ascending or descending order also will be able to filter the data with the organization name.<br>• **Role:** Admin user will be able to view the data provided by the user who requested for trial credit balance in the web portal. They will be able to filter the data with the organization name.<br>• **Country:** Admin user will be able to view the country of the user who requested for the trial credit balance in the web portal. They will be able to sort the data in ascending or descending order also will be able to filter the data with the country.<br>• **IP:** Admin user will be able to view the IP address of the users who requested for the trial credit balance in the web portal. They will be able to filter the data with the IP.<br>• **Device:** Admin user will be able to view the device the user used to login into the web portal and requested for trial credit balance. They will be able to filter the data with the Device.<br>• **Action:** Admin user will have the provision to accept or reject the trial credit balance request.<br>**Condition 1:** Trial credit balance request approved.<br>A notification email will be send to the user notifying the approval of the trial credit balance. The amount in the billing module of the user will get updated with the trial credit balance via API from the third party portal.<br>**Condition 2:** Trial credit balance request rejected.<br>A notification email will be send to the user notifying the rejection of the trial credit balance request.<br><br>**Export to Excel** |

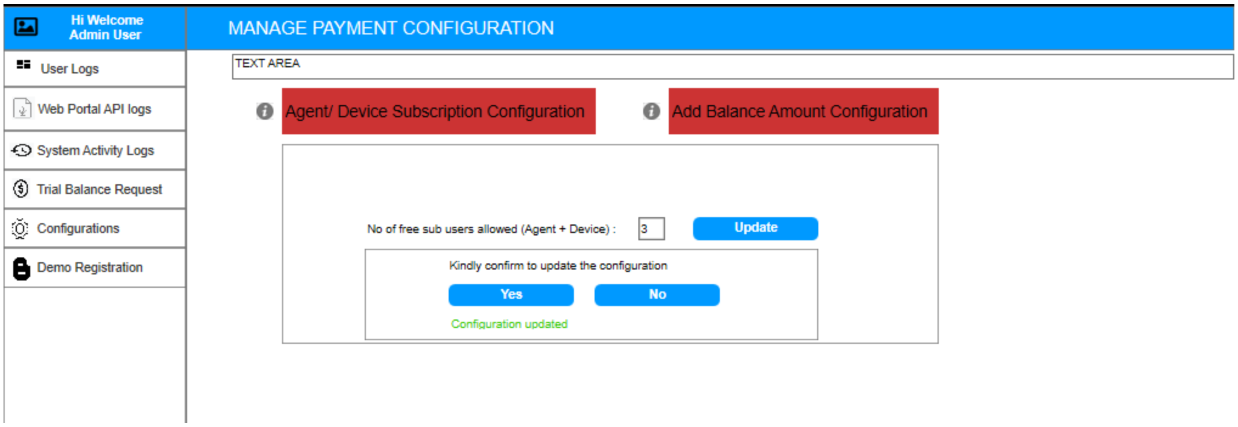
| | | |
|---|---|---|
| | Users will be able to extract the filtered data in excel format. | |
| **Fields and Validation** | | |
| | Text Area | Text Field |
| | Show Entries | Drop down |
| | Search | Text Field |
| | Approve | Button |
| | Reject | Button |
| | Export to excel | Button |

### 4.4.9 Manage Payment Configuration



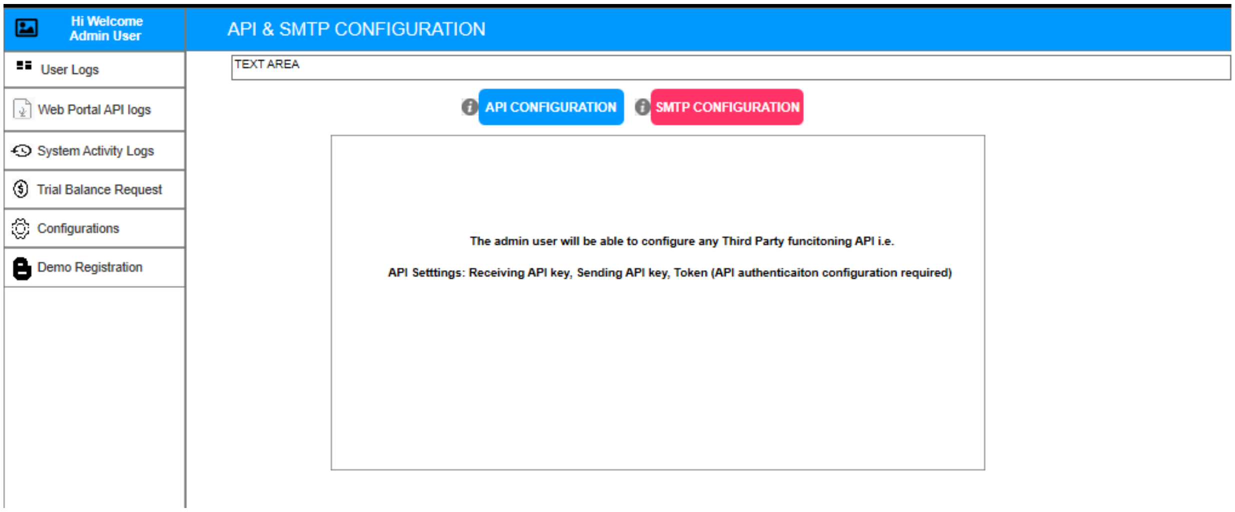



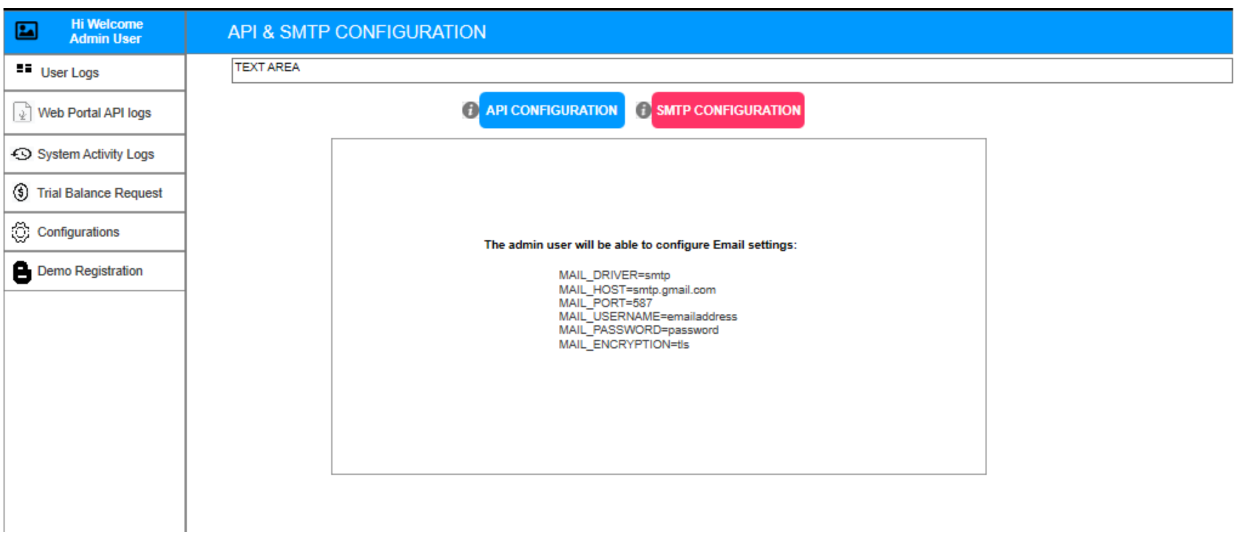



| | |
|---|---|
| **Actors** | Admin User |
| **Requirement Definition** | Users will be able to access the 'Manage Payment Configuration' module functionality in the web backend. |
| **Pre - Condition** | On web backend 'side menu' the admin user have clicked on 'Configuration' and then clicked on 'Manage payment configuration' link in the sub menu. |
| **Post – Condition** | Admin user will be able to perform below functionalities<br>• User will be able to configure agent/ device subscription. Web backend will display pop-up window to the admin to configure the sub user count.<br>• User will be able configure add balance amount. Web backend will display pop-up window to configure the add balance amount. |
| **Business Rules / Logic** | **Text Area**<br>User will be able to view the 'manage payment configuration' module description configured by the admin in the web backend.<br><br>**Agent/ Device Subscription Configuration**<br><br>**No of free sub user allowed (Agent + Device)**<br>Admin user will be able to view 'no of free sub user allowed' value or number previously configured in the web backend. They will also be able to update the value by clicking on the 'update button'. Web portal will display update confirmation pop-up window to the user.<br>**Condition 1:** User accept the update<br>If the admin user click on 'yes' button. Web portal will display the update success message to the user and will update the database.<br>**Condition 2:** User reject the update<br>If the admin user click on 'no' button. The confirmation pop-up window will close and the 'manage payment configuration' web page will get refreshed.<br><br>**Add Balance Amount Configuration** |

<table>
<tr><td></td><td>No of amount field to be displayed<br>Admin user will be able to view 'no of amount field to be displayed' value or number previously configured in the web backend. Based on the value web backend the number of fields for the users to enter the amount which needs to be displayed in the web backend.<br><br>They will also be able to update the value by clicking on the 'update button'. Web portal will display update confirmation pop-up window to the user.<br>Condition 1: User accept the update<br>If the admin user click on 'yes' button. Web portal will display the update success message to the user and will update the database.<br>Condition 2: User reject the update<br>If the admin user click on 'no' button. The confirmation pop-up window will close and the 'manage payment configuration' web page will get refreshed.</td></tr>
<tr><td>Fields and Validation</td><td><table>
<tr><td>Text Area</td><td>Text Field</td></tr>
<tr><td>Number of free sub users allowed</td><td>Text Field</td></tr>
<tr><td>Update</td><td>Button</td></tr>
<tr><td>Yes</td><td>Button</td></tr>
<tr><td>No</td><td>Button</td></tr>
<tr><td>No of amount field to be displayed</td><td>Button</td></tr>
<tr><td>Enter the values</td><td>Text field</td></tr>
</table></td></tr>
</table>

## 4.4.10 API and Email Configuration



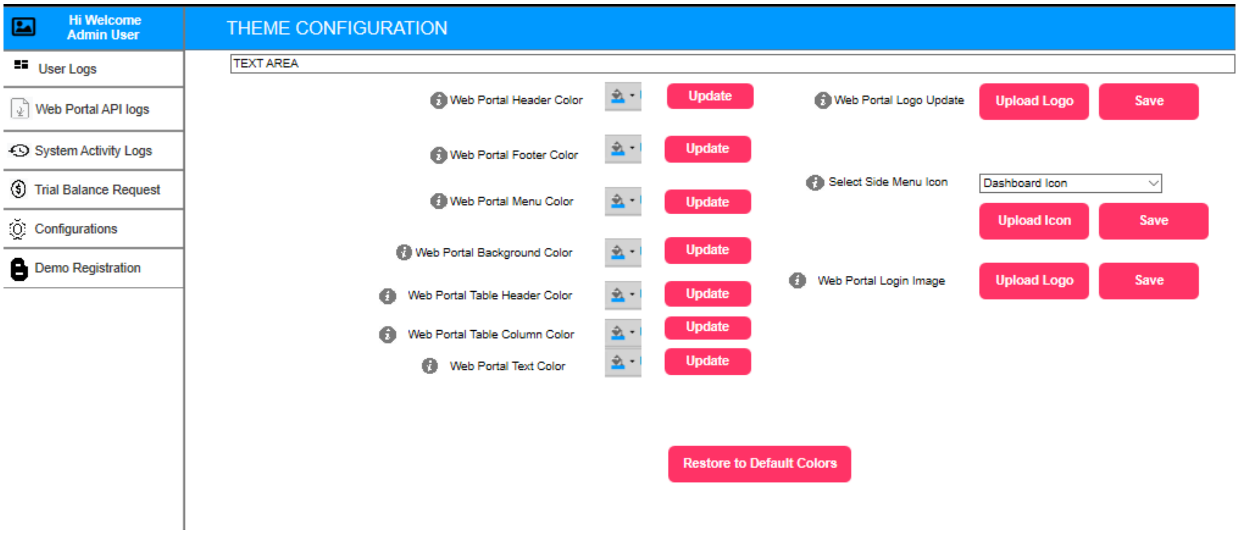




| | |
|---|---|
| **Actors** | Admin User |
| **Requirement Definition** | Users will be able to access the 'API and Email configuration' module functionality in the web backend. |
| **Pre - Condition** | On web backend 'side menu' the admin user have clicked on 'Configuration' menu and then clicked on 'API and Email configuration' link in the sub menu. |
| **Post – Condition** | Admin user will be able to perform below functionalities<br>• User will be able to configure/ update the API's settings<br>• User will be able configure/ update the email SMTP settings |
| **Business Rules / Logic** | **Text Area**<br>User will be able to view the 'API and SMTP configuration' module |

| | |
|---|---|
| | description configured by the admin in the web backend.<br><br>**API Configuration**<br>The admin user will be able to configure/ update all the API settings.<br>• Receiving API<br>• Sending API<br>• Key<br>• Token.<br><br>**SMTP Configuration**<br>The admin user will be able to configure/ update the SMTP settings.<br>• MAIL_DRIVER<br>• MAIL_HOST<br>• MAIL_PORT<br>• MAIL_USERNAME<br>• MAIL_PASSWORD<br>• MAIL_ENCRYPTION |
| **Fields and Validation** | |

| | |
|---|---|
| Receiving API | Text Field |
| Sending API | Text Field |
| Key | Text Field |
| Token | Text Field |
| MAIL_DRIVER | Text Field |
| MAIL_HOST | Text Field |
| MAIL_USERNAME | Text field |
| MAIL_PASSWORD | Text field |
| MAIL_ENCRYPTION | Text Field |
| Update | Button |

### 4.4.11 Theme Configuration




| | |
|---|---|
| **Actors** | Admin User |
| **Requirement Definition** | Users will be able to access the 'Theme configuration' module functionality in the web backend. |
| **Pre - Condition** | On web backend 'side menu' the admin user have clicked on 'Configuration' menu and then clicked on 'Theme configuration' link available in the sub menu of 'configuration' menu. |
| **Post – Condition** | Admin user will be able to update the theme of the web portal |
| **Business Rules / Logic** | **Text Area**<br>User will be able to view the 'Theme configuration' module description configured by the admin in the web backend.<br><br>**Web Portal Header Colour**<br>Admin user will be able to select and update header background colour of the web portal form the color drop down selection. They will also be able to set the color based on RGB value.<br><br>**Web Portal Footer Colour**<br>Admin user will be able to select and update Footer background colour of the web portal from the colour drop down selection. They will also be able to set the color based on RGB value.<br><br>**Web Portal Menu Colour**<br>Admin user will be able to select and update Side Menu background colour of all the users in the web portal from the colour drop down selection. They will also be able to set the color based on RGB value.<br><br>**Web Portal Background Colour** |

Admin user will be able to select and update background colour of the web portal from the colour drop down selection. They will also be able to set the color based on RGB value.

**Web Portal Module Table Header Colour**
Admin user will be able to select and update table header background colour for all the modules in the web portal from the colour drop down selection. They will also be able to set the color based on RGB value.

**Web Portal Module Table Column Colour**
Admin user will be able to select and update table column background colour of all the modules in the web portal from the colour drop down selection. They will also be able to set the color based on RGB value.

**Web Portal Text Colour**
Admin user will be able to change text colour i.e. fields text colour of all the modules in the web portal from the colour drop down selection. They will also be able to set the color based on RGB value.

**Web portal update logo**
Admin user will be able to upload the logo from the local machine and update the same in the web portal.

**Web portal side Menu Icon Update**
Admin user will be able to upload the image icons of all modules side menu and user profile icon from the local machine and update the same in the web portal. They will select the module and update the image icon one by one.

**Web Portal Login Image**
Admin user will be able to upload the Login image of the web portal from the local machine and update the same in the web portal database.

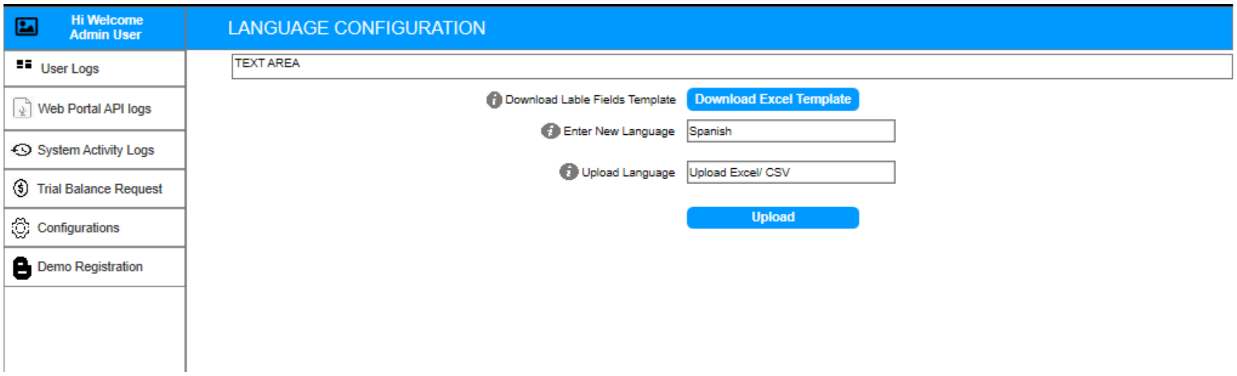
**Restore to default color**
Admin user will click on ‘restore to default color’ button to restore the theme settings to the default setting i.e. the initial or first configured setting.

**Fields and Validation**

| | |
|---|---|
| Web Portal Header colour | Drop down selection |
| Web Portal  Footer colour | Drop down selection |
| Web Portal Menu colour | Drop down selection |

| | | |
|---|---|---|
| | Web portal Background colour | Drop down selection |
| | Web Portal Table background colour | Drop down selection |
| | Web Portal table column colour | Drop down selection |
| | Text Colour | Drop down selection |
| | Logo Update | Button |
| | Menu Icon Update | Drop down selection |
| | Login Page Image upload | Button |
| | Update | Button |
| | Save | Button |
| | Restore to default color | Button |
| | Upload Icon/ Logo | Button |

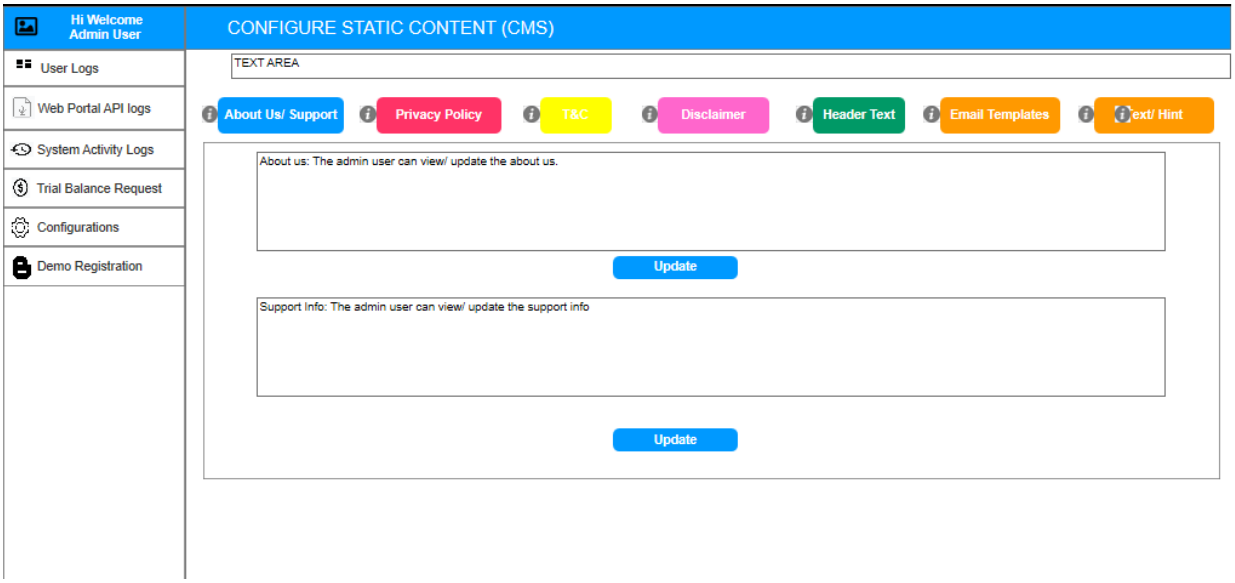
### 4.4.12 Language Configuration

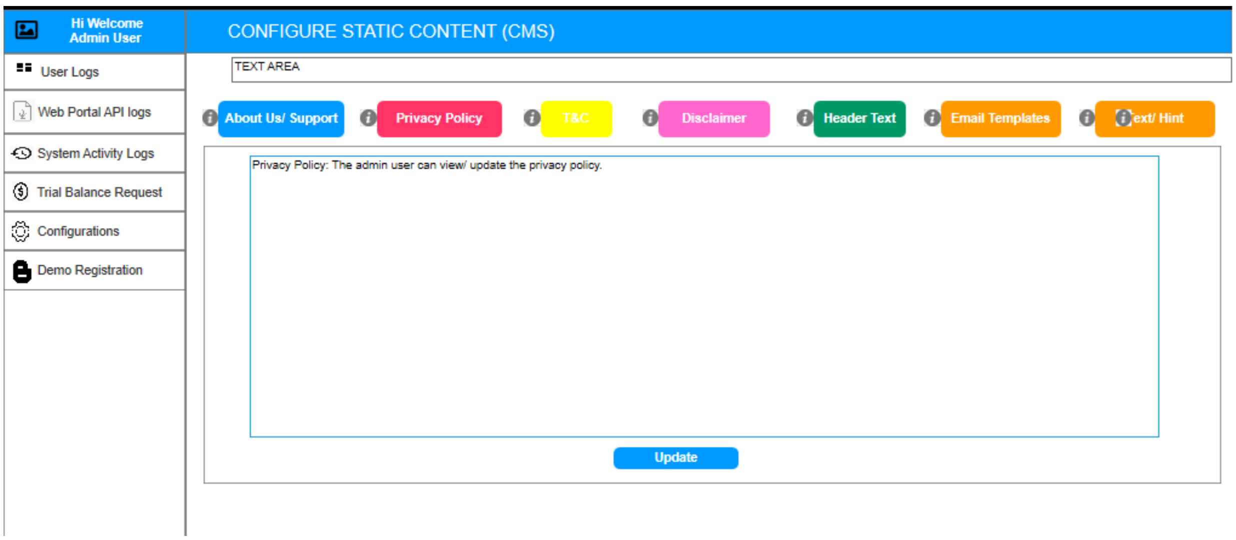


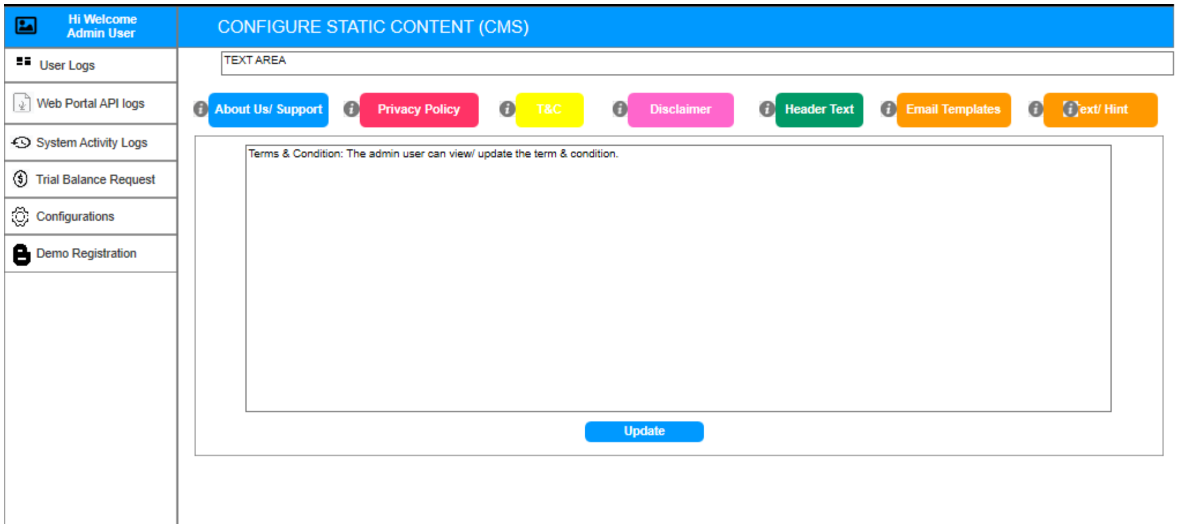

| | |
|---|---|
| **Actors** | Admin User |
| **Requirement Definition** | Users will be able to access the 'Language configuration' module functionality in the web backend. |
| **Pre - Condition** | On web backend 'side menu' the admin user have clicked on 'Configuration' menu and then clicked on 'Language configuration' link available in the sub menu of 'configuration' menu. |
| **Post – Condition** | Web portal will update the uploaded language excel file in the database. |
| **Business Rules / Logic** | **Text Area**<br>User will be able to view the 'Upload language' module description configured by the admin in the web backend.<br><br>**Download Label Fields Template**<br>Admin user will be able to download the web portal label or text template excel file. Excel file will consist of all the fields that are displayed or available in the web portal and web backend in English language. The admin user will need to provide the label or text field content in desired language, accordingly they need to updated the excel file label wise.<br><br>**Enter New Language**<br>Admin user will enter the name of the language. This will be displayed in the web portal in the language drop down selection.<br><br>**Upload Language**<br>Web backend will provide the admin user the provision to upload the excel template file from the local machine.<br><br>**Upload**<br>Admin user will click on 'Upload' button to upload the file in the web backend. The web backend will validate the excel format. If format is correct then the web backend database will be updated. Else |

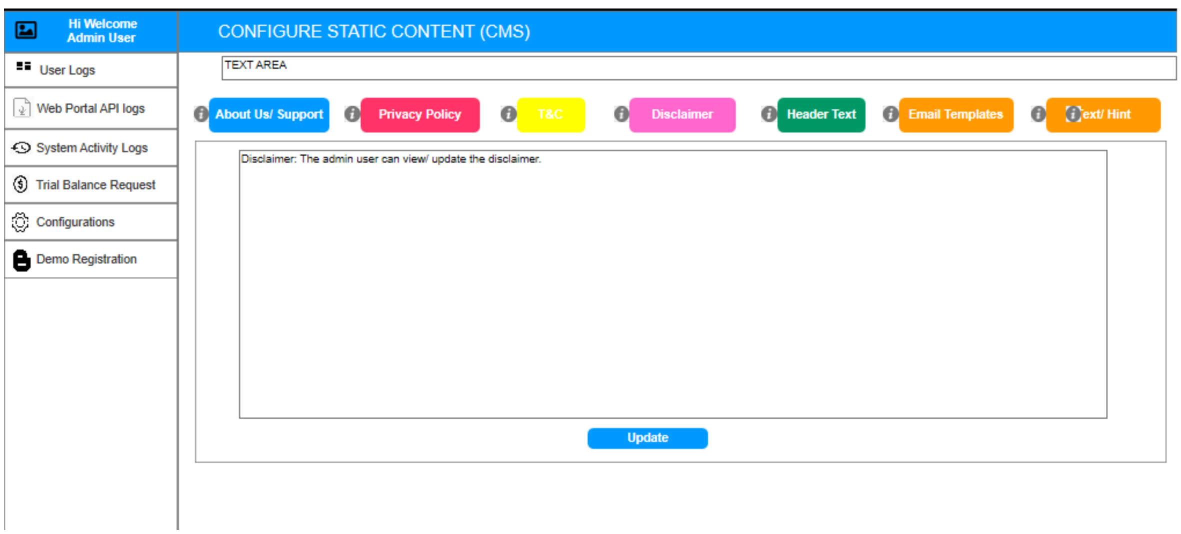
| | | |
|---|---|---|
| | relevant validation for incorrect file format to be displayed to the admin user. | |
| **Fields and Validation** | | |
| | Text Area | Text field |
| | Download Table field | Button |
| | Enter New Language | Text Field |
| | Upload Language | Upload button |
| | Upload | Button |

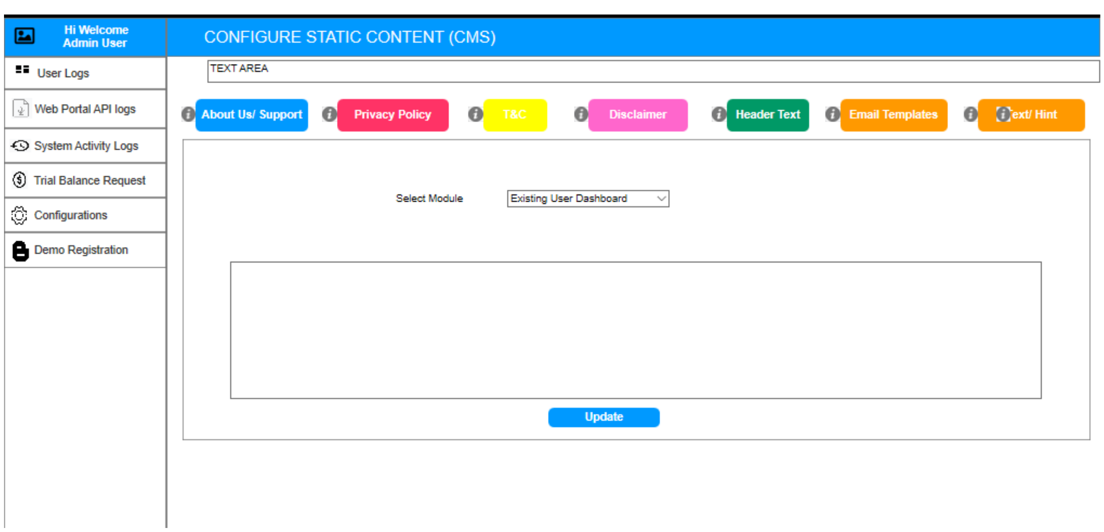
### 4.4.13 CMS

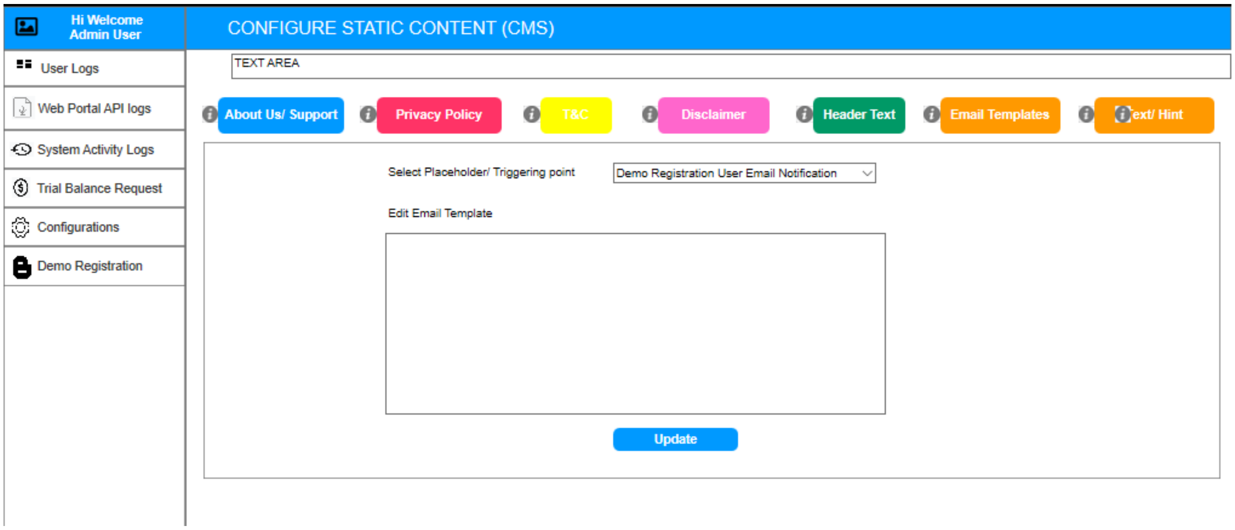

Hi Welcome
Admin User
CONFIGURE STATIC CONTENT (CMS)
User Logs
Web Portal API logs
System Activity Logs
Trial Balance Request
Configurations
Demo Registration
TEXT AREA
About Us/ Support
Privacy Policy
T&C
Disclaimer
Header Text
Email Templates
Text/ Hint
About us: The admin user can view/ update the about us.
Update
Support Info: The admin user can view/ update the support info
Update

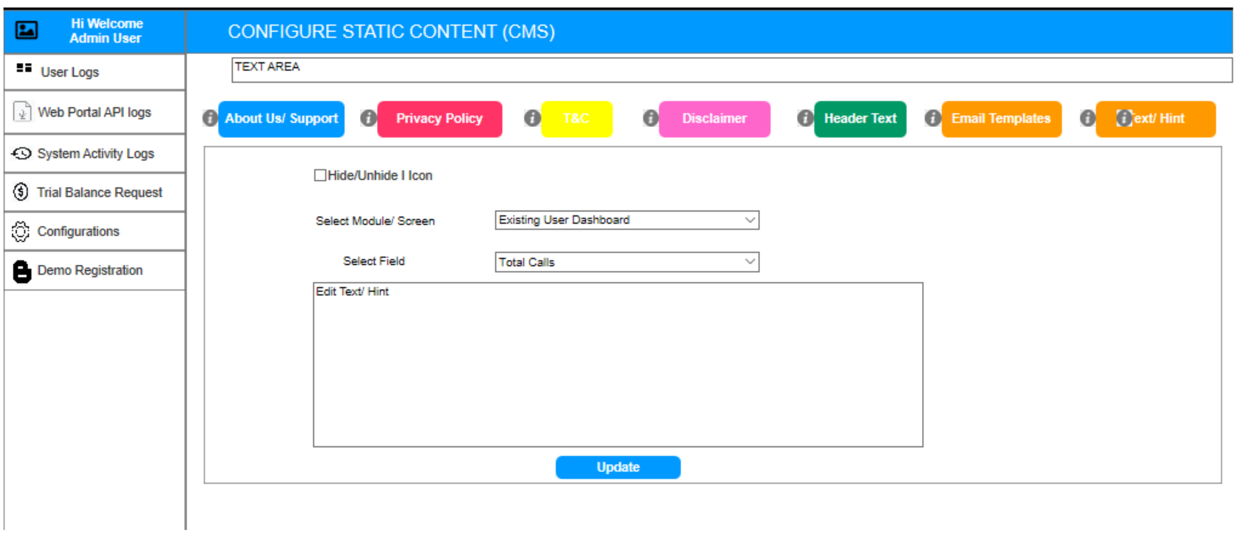

Hi Welcome
Admin User
CONFIGURE STATIC CONTENT (CMS)
User Logs
Web Portal API logs
System Activity Logs
Trial Balance Request
Configurations
Demo Registration
TEXT AREA
About Us/ Support
Privacy Policy
T&C
Disclaimer
Header Text
Email Templates
Text/ Hint
Privacy Policy: The admin user can view/ update the privacy policy.
Update


Hi Welcome
Admin User
CONFIGURE STATIC CONTENT (CMS)
User Logs
Web Portal API logs
System Activity Logs
Trial Balance Request
Configurations
Demo Registration
TEXT AREA
About Us/ Support
Privacy Policy
T&C
Disclaimer
Header Text
Email Templates
ext/ Hint
Terms & Condition: The admin user can view/ update the term & condition.
Update

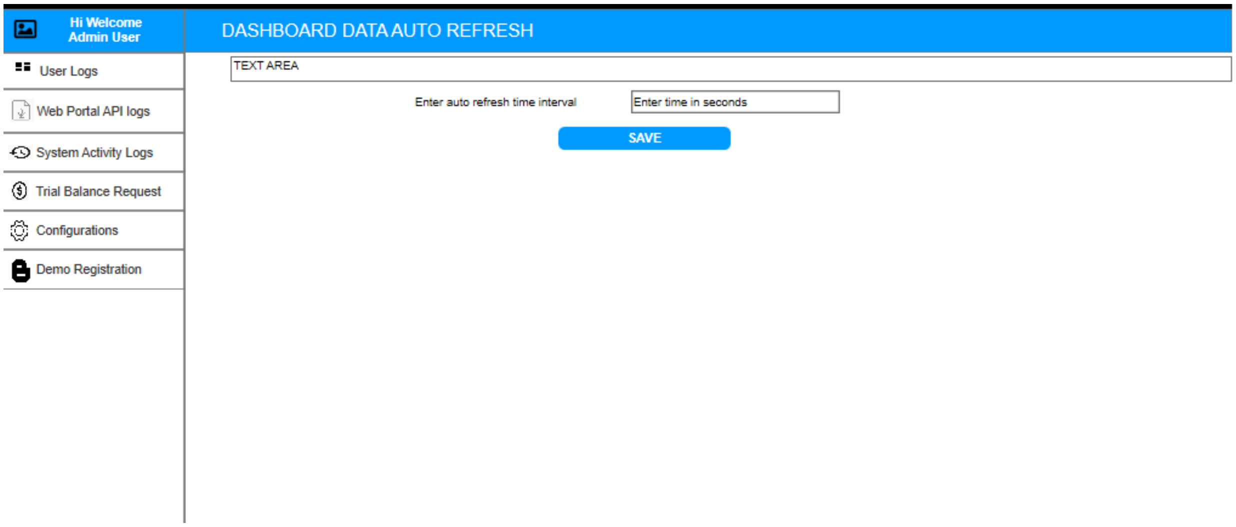

Hi Welcome
Admin User
CONFIGURE STATIC CONTENT (CMS)
User Logs
Web Portal API logs
System Activity Logs
Trial Balance Request
Configurations
Demo Registration
TEXT AREA
About Us/ Support
Privacy Policy
T&C
Disclaimer
Header Text
Email Templates
ext/ Hint
Disclaimer: The admin user can view/ update the disclaimer.
Update


Hi Welcome
Admin User
CONFIGURE STATIC CONTENT (CMS)
User Logs
Web Portal API logs
System Activity Logs
Trial Balance Request
Configurations
Demo Registration
TEXT AREA
About Us/ Support
Privacy Policy
T&C
Disclaimer
Header Text
Email Templates
ext/ Hint
Select Module
Existing User Dashboard
Update


Hi Welcome
Admin User
CONFIGURE STATIC CONTENT (CMS)
User Logs
TEXT AREA
Web Portal API logs
About Us/ Support
Privacy Policy
T&C
Disclaimer
Header Text
Email Templates
Text/ Hint
System Activity Logs
Trial Balance Request
Select Placeholder/ Triggering point
Demo Registration User Email Notification
Configurations
Edit Email Template
Demo Registration
Update

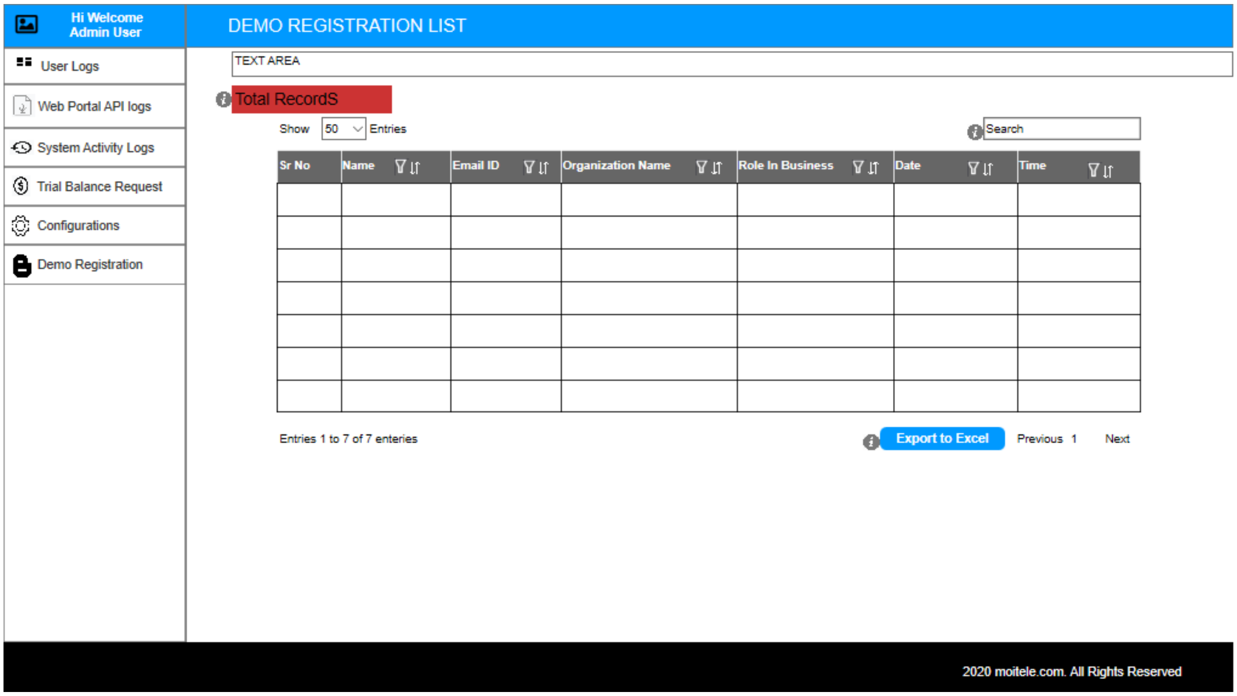

Hi Welcome
Admin User
CONFIGURE STATIC CONTENT (CMS)
User Logs
TEXT AREA
Web Portal API logs
About Us/ Support
Privacy Policy
T&C
Disclaimer
Header Text
Email Templates
Text/ Hint
System Activity Logs
Hide/Unhide I Icon
Trial Balance Request
Select Module/ Screen
Existing User Dashboard
Configurations
Select Field
Total Calls
Demo Registration
Edit Text/ Hint
Update

### 4.4.14 Dashboard Data Auto Refresh




<table>
<tr><td>Actors</td><td colspan="2">Admin User</td></tr>
<tr><td>Requirement Definition</td><td colspan="2">Users will be able to access the ‘CMS’ module functionality in the web backend.</td></tr>
<tr><td>Pre - Condition</td><td colspan="2">On web backend ‘side menu’ the admin user have clicked on ‘Configuration’ menu and then clicked on ‘Dashboard data auto refresh’ link available in the sub menu of ‘configuration’ menu.</td></tr>
<tr><td>Post – Condition</td><td colspan="2">Admin user will be able to configure the time interval of the dashboard data to be auto refreshed.</td></tr>
<tr><td>Business Rules / Logic</td><td colspan="2">Logic<br>The admin user will have the provision to configure the time interval of the dashboard data to refresh. The user will be able to enter the time in seconds. By default the value will be configured as 30 seconds. The user can update the time and click on ‘save’ button to update the database.<br>Condition: The web back end will not allow the user to enter the value in the field less than 15 Seconds.</td></tr>
<tr><td rowspan="3">Fields and Validation</td><td colspan="2"></td></tr>
<tr><td>Enter Auto refresh time interval</td><td>Text Field</td></tr>
<tr><td>Save</td><td>Button</td></tr>
</table>

### 4.4.15 Demo Registration




| | |
|---|---|
| **Actors** | Admin User |
| **Requirement Definition** | Users will be able to access the 'Demo registration' module functionality in the web backend. |
| **Pre - Condition** | On web backend 'side menu' the admin user have clicked on 'Demo registration' menu option |
| **Post – Condition** | Admin user will be able to perform below functionalities<br>• Will be able to view the list of demo users<br>• Will be able to export the list in excel format |
| **Business Rules / Logic** | **Text Area**<br>User will be able to view the 'Demo registration' module description configured by the admin in the web backend.<br><br>**Total Records**<br>Users will be able to view total 'demo registration' records in number which are available in the web backend i.e. the number of demo registration displayed in the table.<br><br>**Show Entries**<br>Users will have the provision to select the number of entries from the drop down selection. Based on the selection number of rows will be displayed in the demo registration table in one page. The drop down selection will have the values such as 50, 100, 150, 200, 250, and 300. The table will also display the number of entries in bottom<br><br>**Search** |

<table>
<tr>
<td></td>
<td>Users will be able to search the transaction data with keywords<br><br>Demo registration Table<br>The admin user will be able to view the trial credit balance records in the API logs table. The data will be coming from web backend database.
<ul>
<li>Serial Number</li>
<li>Date: Admin user will be able to sort the data in ascending or descending order also will be able to filter the data with respect to date selection i.e. from date and to date. Format of date will be dd:mm:yyyy.</li>
<li>Time: Admin user will be able to sort the data in ascending or descending orders. Sorting of the time will be based on date. They will also have the provision to filter the time i.e. from time and to time selection. Format of time will be 24 hrs.</li>
<li>Name: Admin user will able to view the Name of the demo user registered in the web portal. They will be able to filter the data with the email ID.</li>
<li>Email ID: Admin user will able to view the email ID of the demo user registered in the web portal. They will be able to filter the data with the email ID.</li>
<li>Organization Name: Admin user will be able to view the organization name data provided by the demo user at the time of registration in the web portal. They will be able to sort the data in ascending or descending order also will be able to filter the data with the organization name.</li>
<li>Role in business: Admin user will be able to view the data provided by the demo user at the time of registration in the web portal. They will be able to filter the data with the organization name.</li>
</ul>
</td>
</tr>
<tr>
<td>Fields and Validation</td>
<td>
<table>
<tr><td>Text Area</td><td>Text Field</td></tr>
<tr><td>Show Entries</td><td>Drop down</td></tr>
<tr><td>Search</td><td>Text Field</td></tr>
<tr><td>Export to excel</td><td>Button</td></tr>
</table>
</td>
</tr>
</table>