

# **Business Requirement Document (BRD)**

**Admin Web Interface**

**&**

**Salesperson Mobile Application**

# ***Business Requirement Document (BRD)***

## **Contents**

---

<b>To Develop</b>	<b>- 3</b>
<b>Requirements</b>	<b>- 3</b>
<b>Functional Requirements 1</b>	<b>- 4</b>
<b>Functional Requirements 2</b>	<b>- 5</b>
<b>Non Functional Requirements</b>	<b>- 5</b>
<b>User Stories</b>	<b>- 6</b>
<b>User Stories</b>	<b>- 7</b>
<b>ER Diagram</b>	<b>- 7</b>
<b>Data Flow</b>	<b>- 8</b>
<b>Use Cases</b>	<b>- 9</b>
<b>Use Case Diagram</b>	<b>- 10</b>

## ***Business Requirement Document (BRD)***

### **To Develop :**

Develop an application that allows an admin user to assign tasks and track salespersons' activities. The application will have two components: an admin web interface and a mobile app for salespersons.

### **Requirements :**

#### **Admin Web Interface:**

- **Task Creation:**  
Admin users can create tasks involving visiting a specific location and meeting someone.
- **Task Assignment:**  
Assign tasks to sales representatives who have already been added to the system.
- **Task Details:**  
Each task will include the exact location, address, and scheduled time for the visit.
- **Activity Tracking:**  
Track the status and location of tasks as sales representatives complete them.

#### **Salesperson Mobile App:**

- **Task Viewing:**  
Salespersons can view tasks assigned to them.
- **Task Completion:**  
Option to close each task upon completion.
- **Location Tracking:**  
When a task is closed, the system will record the location and update the admin interface.

# ***Business Requirement Document (BRD)***

## **Functional Requirements 1 :**

### **Admin User Interface :**

#### **User Authentication & Authorization :**

1. User should be able to input credentials in the login page, and after login it should redirect to the authentication page.
2. On the authentication page, the user on tapping the Yubi key authentication should be completed and redirected to web homepage.
3. User should be able to browse across all options and Task Dashboard.

#### **Task Creation:**

1. On the web home page user should be able to click on the Task creation option and be able to input task details in the respective fields Summary, Date, time, Location and Meeting details.
2. After task details, the user should be able to set reminders ahead of the task's completion time.

#### **Task Assignment :**

1. As the next step after Task creation, user should be able to search aliases and assign task to the respective sales persons.
2. After Task creation and Assignment, user should be able to click on edit on the task dashboard in the web home page.

#### **Task Details :**

1. On the web home page in the Task dashboard, the user should be able to click on a task and it should display all the task details.

#### **Activity Tracking :**

1. On selecting Activity Tracking and selecting a task, the details about the location and activity should be displayed.
2. Location tracking should be about the salesperson's geo location and activity tracking should be about the status of tasks as Started, In Progress or Completed.

# ***Business Requirement Document (BRD)***

## **Functional Requirements 2 :**

### **Salesperson Mobile App :**

#### **User Authentication & Authorization :**

1. User should be able to input credentials in the login page, and browse across task dashboard in App home page.
2. App home page must contain Task dashboard and Location tracking option that locates the exact geo location of Salesperson.

#### **Task Details :**

1. On the App home page in the Task dashboard, the user should be able to click on a task and it should display all the task details.
2. On selecting any task, user should be able to update the status of the task as Started, In Progress or Completed.

#### **Location Tracking :**

1. User should be able to select location tracking on the mobile app from Home page and able to locate, and able to sign off from the location after the task completed at the assigned location.

## **Non Functional Requirements :**

### **Performance :**

1. Application and web interface, task dashboard should load task and able to update the status within 2 seconds when the input is given
2. System should handle concurrent usage of 1500 users
3. Application should function in low internet coverage areas with less buffer

### **Usability :**

1. Application and web interface, UI should be user-friendly.
2. Fonts should be clearly displayed with correct color gradients.

### **Security :**

1. Ensure all servers, databases, and applications are securely configured.
2. Logs are to be stored securely for audit purposes and should be able to retain for a year

## ***Business Requirement Document (BRD)***

### **User Stories :**

#### **Admin Web Interface:**

##### **User Authentication & Authorization :**

- As a admin user I want to enter the credentials in the login page so that I can access the authentication web page.
- As a admin user after entering credentials I want to tap on the Yubi key and authenticate so that I can access and browse the admin web interface homepage.

##### **Task Creation:**

- As a admin I want to be able to select Task creation So that I can assign tasks to sales persons with specific location, time and meeting details.
- As a admin I want to set a reminder before the completion So that the salesperson gets alerted ahead of the task's completion time.

##### **Task Assignment :**

- As a admin I want to search for aliases and assign tasks to the salespersons So that they can begin with their assigned tasks.
- As a admin I want to be able to edit the task details So that I can make changes after the task has been created.

##### **Task Details :**

- As a admin I want to browse and select tasks on dashboards in the home page, So that I can be able to view the task details completely.

##### **Activity & Location Tracking :**

- As a admin I want to select the tracking option on all tasks So that I can able to view the task status and current location of the salesperson.

# ***Business Requirement Document (BRD)***

## **User Stories :**

### **Salesperson Mobile Application :**

#### **User Authentication & Authorization :**

- As a Salesperson I want to enter the credentials in the login page so that I can access the mobile application

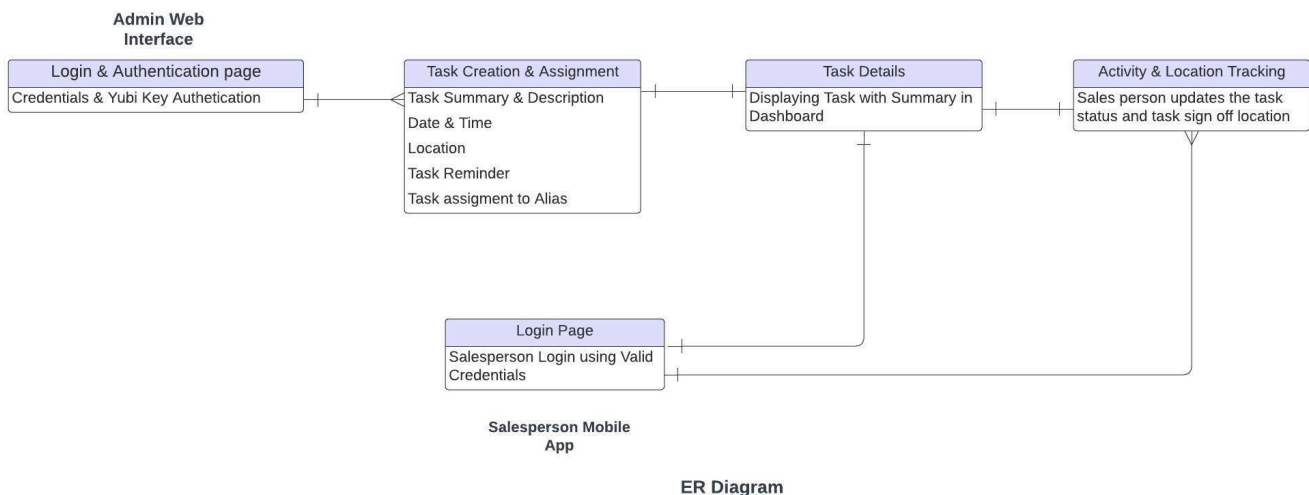
#### **Task Details :**

- As a Salesperson I want to browse and select tasks on dashboards in the mobile app, So that I can be able to view the task details completely.
- As a Salesperson I want to update the task status, So that admin web user gets notified about the task activity

#### **Location Tracking :**

- As a Salesperson I want to sign off from the geo location, So that admin user gets notified about my presence at task geo location

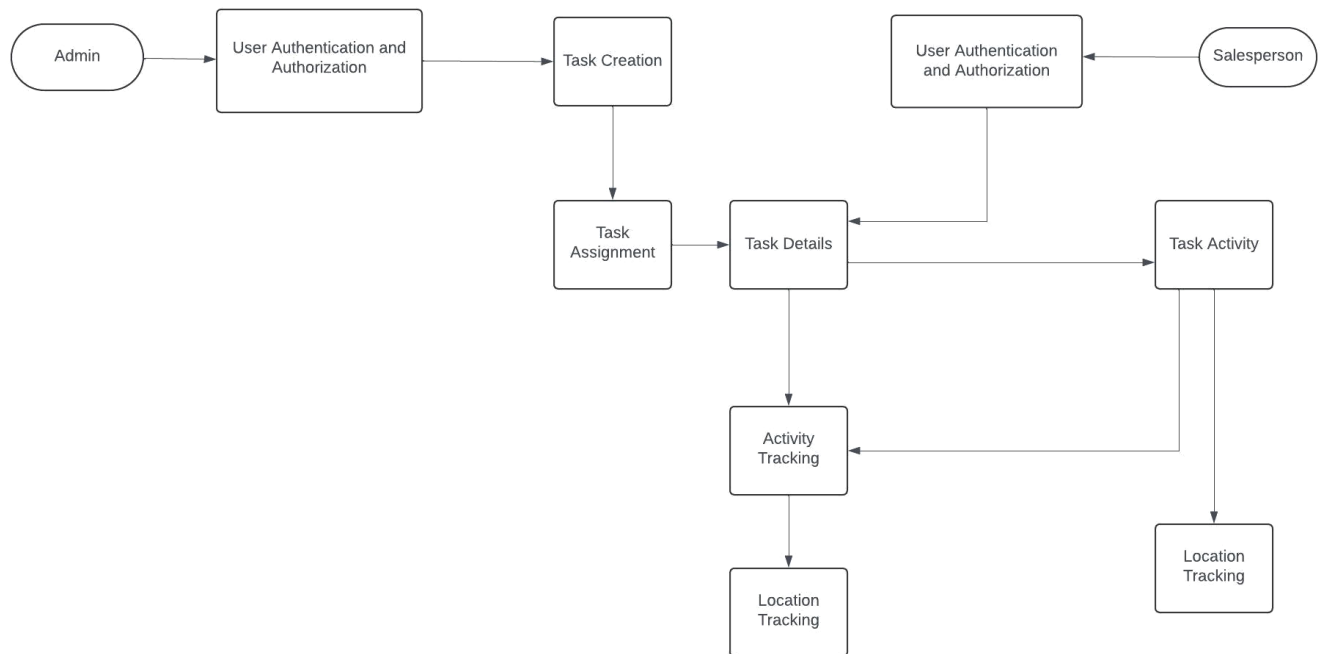
## **ER Diagram :**



## ***Business Requirement Document (BRD)***

### **Data Flow :**

1. This Data flow diagram elaborates the flow between Admin web interface and Sales person Mobile app.
2. Left part of diagram represents Admin web interface, similarly right side indicated the Salesperson Mobile App.



Data Flow Diagram of Admin Web interface and Salesperson Mobile App



# ***Business Requirement Document (BRD)***

## **Use Cases :**

### **Use Case 1 :**

Admin User login and creates the task (Web interface) :

- Admin User login with valid credentials and completes authentication.
- User clicks on task creation and enter all the task details as in the respective fields of Task summary, Location, Date, Time, Task Description.
- Admin sets the reminder ahead of task completion time.

### **Use Case 2 :**

Admin User assigns the task (Web interface) :

- Admin user navigates to task assignment page.
- User selects the aliases of the salesperson and assigns the task.

### **Use Case 3 :**

Salesperson login through the mobile app with valid credentials

### **Use Case 4 :**

Admin user and Salesperson view the tasks details in Task Dashboard :

- After a task has been assigned Admin should direct to the web home page and in the Task dashboard clicks on the task, all the details are displayed.
- Sales person on mobile application clicks on tasks from the task dashboard, all the task details displayed.

### **Use Case 5 :**

Salesperson updates the task status details (Mobile Application) :

- Salesperson clicks on the task and updates the task status as Started, In progress or completed.
- Salesperson on successful completion updates the task completion status and able sign off from the task geo location.

### **Use Case 6 :**

Activity and Location Tracking :

- Admin user able to view the task completion status and geo location of the Salesperson.
- Salesperson able to view their exact geo location.

## ***Business Requirement Document (BRD)***

### **Use Case Diagram :**

Use case diagram involving Admin web interface and Salesperson Mobile Application

