

**Prepared by Webdunia**

***Version – V1.0***

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**Statement of Work**

**For**

**Patient-Frontend**

**(liveProject)**

# OBJECTIVE

The document is prepared and presented to share my contribution to the patient front end project

## Background

The tasks performed related to this project were given to me by Sir Hardik.

## Contact

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# CORE OBJECTIVE OF ENGAGEMENT

Develop a vehicle tracking system to track the arrival, parking status and departure of vehicles of guests attending an event. Vehicle tracking is achieved by placing a GPS enabled device inside the vehicle.

# SCOPE OF WORK

* The scope incorporates the development of an automated vehicle tracking system which tracks the live location of the vehicle from the entry to the parking area in a specified periphery till the vehicle‘s exit.
* In this system, a Jio device will be placed inside the vehicle at the time of vehicle’s entry or arrival. The device will map the location of the vehicle and will track it continuously till the time of its exit.
* System will have provision to assign, track and un-assign the vehicle.
* System will maintain the guest and vehicle list.



# TASKS

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Reliance- Vehicle Tracking System** | | | | | | | | |
| **S. No.** | | | **Modules** | | | | **Tasks** | **Remark** |
|  |  |  |  |  |  |  | | |
| **1** | | | **Web Portal Mocks** | | | | Mocks |  |
| **2** | | | **Login/Authentication** | | | | Application Authentication/Reset/Change Password | In current scope, considering single login. No role based access system |
| **3** | | | **Dashboard** | | | | - Shows vehicle on Google Map with filtration (Guest Name, Vehicle Name, IMEI) - Shows Guest details of each vehicle |  |
| **4** | | | **Map Device Form** | | | | Associate Device with guest with following functionalities: 1 Autosearch guest name 2) If guest doesn't exist then insert into DB 3) Mapped Device with Guest, Vehicle and Event |  |
| **5** | | | **Mapped Guest List** | | | | 1) Show Guest list associated with the Device 2) Search Functionality 3) Time required for car to arrive from parking lot to event location  4) Un Map Functionality |  |
| **6** | | | **Geo Fencing** | | | | Total number of vehicles in a parking lot Notifications for vehicle arrival |  |
|  | | |  | | | |  |  |
| **7** | | | **Scheduler** | | | | - JIO APIs Authentication - Will run in every 5 sec or defined time for all the devices which are mapped with Guest -Fetch Lat, long and other details thru JIO APIs provided for each IMEI/device and dump into local database. - After un-mapped Device, stop tracking. |  |
|  | | |  | | | |  |  |
| **8** | | | **Additional Tasks** | | | | -Server setup and installation  -Test data Simulation  -Load testing  -Onsite support |  |

# TECHNOLOGY

|  |  |
| --- | --- |
| **S.No.** | **Technology** |
| 1 | AngularJS |
| 2 | JavaScript |

# DELIVERABLES

* + Source code