

**Prepared by Webdunia**

***Version – V1.0***

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**Statement of Work**

**For**

**Patient-Frontend**

**(liveProject)**

# OBJECTIVE

The document is prepared and presented by Webdunia to **Reliance** and is intended to share the statement of work for the development of Vehicle Tracking System.

## Background

As per the email received from **Reliance**, Webdunia has a basic understanding of the scope. The estimated number of resources to be deployed on the project has been calculated on the basis of the high level understanding of scope.

Webdunia acknowledges the opportunity given to it for development of the solution. Please visit [www.webdunia.](http://www.webdunia.)net to learn more about the company.

## Intended Audience

1. **Reliance** – All Stakeholders and Sponsors
2. **Webdunia** – Sales and Tech Teams

## Key Contacts­

**Webdunia Contacts:**

|  |  |  |
| --- | --- | --- |
| Name | Title | Email, Phone No. |
| Niklank Jain | Project Manager | Email: [niklank.jain@webdunia.net](mailto:niklank.jain@webdunia.net)  Phone: +91 731-475-6347 |
| Babita Jain | AVP - Technology | Email: [babita@webdunia.net](mailto:babita@webdunia.net)  Phone: +91 731-475-6328 |
| Abhishek Chhajlani | GM Tech Operations | Email: [abhishek@webdunia.net](mailto:abhishek@webdunia.net)  Phone: +91 88893-77753 |

**Reliance Contacts:**

|  |  |  |
| --- | --- | --- |
| Name | Title | Email, Phone No. |
| Ashish Lodha |  | Email: Ashish.Lodha@ril.com  Phone: +91 98199-99036 |
| Rohan Roongta |  | Email: Rohan.Roongta@ril.com  Phone: +91 83693-54267 |

# 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 |

# OUT OF SCOPE

The following exclusions have been taken in this scope of work:

* + Purchase of any 3rd party controls/software licenses, if required during site development.
  + Any activity or feature not defined in the “In Scope” activity is not estimated.

# ASSUMPTIONS/PREREQUISITES/PROCUREMENT

* + Guest list and Master entries will be inserted directly into backend, there will be no UI in current scope
  + In current scope, considering single login. No role based access system is provided
  + Efforts are estimated based on the assumption that API will provide all the desired fields for location. Provision for all the fields will depend on API availability.
  + There will be separate scheduler to fetch the lat-long details and dump into Database.
  + Queries will be resolved within 3 business days so as to meet the milestone dates.
  + Any spec change apart from what is mentioned in proposal will lead to timeline and schedule overage.
  + Estimates given are high level estimation which can change when we go for on-board discussion.
  + Any third party utility or product required needs to be purchased by client if needed.
  + Web portal will be developed as responsive Web app
  + Mobile app for tracking the location of the device is already developed by Reliance; this development is not in scope.
  + Client will provide UAT and Production Server Environment. Hosting needs to be procured by client.
  + Google APIs accounts details need to be provided by client if required.

# CHANGE REQUESTS AND ENHANCEMENTS

The project is planned to be executed with Webdunia resources having the required technical expertise. As the project progresses the scope of work may need to be altered.

In such a case, Webdunia & **Reliance Team** can mutually agree to increase or decrease the number of resources to be deployed on the project

# RISKS

Webdunia will focus on early identification of potential risk factors and their mitigation. Risk factors will be tracked continuously and timely action will be taken to mitigate the risk.

The table below details some of the potential risks for development, along with their impact and mitigation plans.

|  |  |  |  |
| --- | --- | --- | --- |
| Risk | Priority | Impact | Mitigation Plan |
| 1. Change in scope of work or specified requirements | High | Affects efforts, scheduled & price | The requirements will be documented, frozen & reviewed by all stakeholders |
| 1. Timely availability of data/review feedback/Sign-off/approvals and other information | High | This will affect the Cost / Schedules | Frequent coordination & communication |

# RELIANCE TEAM INVOLVEMENT

* Initial days of requirement study and support.
  + Review from **Reliance Team** will be required after each milestone.
* **Reliance Team** involvement during the UAT (User Acceptance Testing) phase, which will include Installation and training to team for system usage

# DELIVERABLES

* + Source code
  + SRS
  + Architecture
  + Vehicle Tracking System

# PRICING & FEE SCHEDULE

Total Cost: INR xxx /- (xxx only)

**Fee Schedule**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Milestone# | Tasks | Delivery | Amount Payable % | Amount Payable INR |
| M0 | Sign off and Project kick-off | Week 0 | 30% | Xxx /- |
| M1 | Interim Release | Week 1 | 40% | Xxx /- |
| M2 | UAT and Launch | Week 2 | 30% | Xxx /- |

1. **Mil**

• Taxes will be additional (as applicable)

• Reliance will make necessary arrangements for onsite work (if any), which includes travel Lodging and boarding OR will reimburse the expenditure incurred on actuals.

• Payments to be done in 15 Calendar Days from the date of Invoice.

1. *[Signature page follows]*
2. **INR**

|  |  |
| --- | --- |
| SIGN OFF SHEET | |
| The Statement of Work is agreed and accepted by: | |
| Reliance | Webdunia.com (India) Pvt. Ltd. |
| By: | By: ­­­­­­­­­­­­­ |
|  |  |
| Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |
| Title: | Title: |
|  |  |
| Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |