**SCCI/01146/2018**

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**Driver Hire Android application**

# Project Background and Description

There are plenty of car owners who aren't comfortable behind the wheel, so they hire a driver if they need to go somewhere far. Most travelers want to relax on their trip, but that's impossible unless they have a reliable driver. For this reason, the current proposal is to develop an android application to connect users with ideal drivers. Therefore, users and drivers alike will find this android-based driver booking app to be intuitive and easy to use.

The android application will allow car-owners to:

* Register a user account with details such as username, phone number, email address and vehicle type.
* Search for suitable drivers within their location who are equipped to drive the type of vehicle available.
* Rate the driving experience.

# Project scope

In order to achieve the set objectives, the project will implement a responsive android application that will:

* Allow Users and drivers alike access the application after registering an account.
* Drivers can complete their profiles by listing relevant work experience and uploading relevant licenses and certificates.
* Car-owners searching for drivers by posting the intended trip location to view available drivers
* Drivers receiving notifications once the car-owners select them for the service
* Contact module where the users can communicate to organize for the trips
* User rating module to allow the car-owners to rate drivers and vice versa

# High Level Requirements

Since the project involves an android application, the users will require to have an android device with internet connection to access the features.

# Deliverables

* Backend
* User Interface wireframes for the whole application
* An android application accessible to the car-owners and drivers

# Affected Parties

* Drivers
* Car-owners

# Specific Exclusions from scope

* The exclusions in the current phase include
* The drivers’ data and licenses are not officially verified by any regulating body
* If the Booking is cancelled by the user, the driver will not get a refund.
* Location of the driver is not updated continuously during the ride.

# Implementation plan

The implementation will kick off with the creation of a GitHub repository and project to track all the development tasks and lifecycle. This will also be crucial for data back up and version control. What follows is the design of wireframes for both the client (car-owner) and driver side. The wireframes will be shown to sample users for feedback to allow changes to be made where necessary. What follows is the actual development of the android application, starting with the user registration module and subsequent modules according to the wireframes.

# High-level Timeline/ Schedule

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Date** | **Task** | **Comments** |
| 1 | 19/09/2022-26/09/2022 | GitHub repository and project setup |  |
| 2 | 27/09/2022-12/10/2022 | Designing wireframes |  |
| 3 | 13/10/2022-23/10/2022 | Registration module development |  |
| 4 | 24/10/2022-15/11/2022 | Subsequent modules and integration |  |
| 5 | 16/11/2022-18/11/2022 | Deployment |  |