Software Requirements Specification

ONLINE CAB MANAGEMENT SERVICE

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Introduction

The online cab service management system is a website application that facilitates cab service reservations online. Customers may reserve cabs in advance online, streamlining operations and ensuring drivers and passengers are always on the same page.

Purpose

Emerging tech world human life is getting multiple services at doorstep right from online food delivery to taxi booking through website applications. People prefer services that have less interaction & everything on their smart devices.

Cab Service management website development is one such service which saves your time & cost by providing you a user-friendly website in your mobile phones. Taxi apps cover two major interfaces such as Passengers & but visible Taxi drivers by making it easy to communicate with both on the same phase.

It is beneficial for both the passenger & driver in such a way that the passenger will get proper time through live tracking of exactly how many minutes the cab is going to arrive and the driver will also get the exact pick-up location of the passenger.

Scope

Primarily, the scope pertains to providing a web application in order to book the cabs and to make the payment for the same. The cab management website will have the functionalities for both the user and admin.

This SRS is also aimed at specifying requirements of software to be developed but it can also be applied to assist in the selection of features in the cab management system. The standard can be used to create software requirements specifications directly or can be used as a model for

defining a organization or project specific standard. It does not identify any specific method, nomenclature or tool for preparing an SRS.

In Scope

Authentication

Passenger Sign in

The passenger can login using their email or mobile number or using google and receive an otp into their registered credential and verify their profile.

Driver Sign in

The driver can sign in using their email or mobile number or using google and receive an otp into their registered credential and verify their profile.

Passenger Login

The passenger can login in to their previously registered account entering their credentials and login to the app thus entering the homepage.

Driver Login

The Driver can login in to their previously registered account entering their credentials and login to the app thus entering the homepage.

Profile

Passenger Profile

The passenger shall enter their complete details such as fullname and their staying location also the payment wallet adding is possible too.

Driver Profile

The Driver shall enter his details including the personal details, vehicle detail, and license details.

HomePage

Passenger User Interface

The passenger UI should be accessed by the passenger that uses GPS to track the current location and also shows the drivers available close to him.

Driver User Interface

The driver UI should be able to catch any customers that are waiting for the cab ride who have booked for it.

Passenger Cab booking

The user shall enter the location he wants to go and choose the vehicle he prefers.

Driver Cab booking Confirmation

The driver shall accept or decline the users who have booked for the ride.

Payment

The passenger can make the payment for the booking using different payment method.

References

The references are:

Jira Software- https://kutty.atlassian.net/jira/software/projects/OCMS/boards/5
Githut- https://github.com/ajhelsing/cab_management/blob/cab/
Uber Software- https://www.uber.com/in/en/
Online Cab Management- https://www.cabmanagement.com