**CAB MANAGEMENT SRS**

**1.** **INTRODUCTION**

**1.1 PURPOSE OF THE DOCUMENT**

Cab Management System is a great way to get your taxi business off the ground and run it successfully.Cab management software was created to provide an excellent customer experience and streamline all cab-related operations including taxi booking, auto fare calculation, invoice generation, and payment administration. A cab management software solution streamlines the taxicab business management processes and improves the overall experience of users.

**1.2 SCOPE OF THE DOCUMENT**

Admin log in to the site directly with provided username and password. Admin can update cab list, price details, confirmation message and payment related details. Users can register in the site and log in to the site by username and password which is set in the register page.

After the valid log in user can enter to the homepage. As per need of the user, they can search cabs,view lists of cabs, map the location etc. When the user searches for a cab they can view feedback of the cab,amount, and all other informatOn of the cab. If Admin confirms the booking user can continue to pay. All payment details are available through email and phone number. Drivers can also register and log in to the site. They can update their profile,view the customer list ,and confirm the booking.

**1.3 OVERVIEW**

It is built to support all the functionality related to managing a Cab booking system. Admin, Drivers and users are the main users of the project. Admin will be responsible for keeping a check on the booking of cab,booking confirmation, managing CabBooking, drivers, payments. Admin can add or remove cab,changes in prices and charges.

Admin can maintain a database of drivers. On the other hand, Users can register themselves, log in using the login credentials, view and book the Cab, view charges, etc.Drivers can register , log in using the login credentials, update profile .Drivers have to register on the portal. Drivers will be able to see the booking done by users and details of users like name, source, and destination location.

**2. FUNCTIONAL REQUIREMENT**

**USER**

**Register form**

Register form includes Name, Phone number, Email, Location and Gender.Name with two fields like first name and last name. Also need to check phone numbers and emails are valid. Email and phone number verified by OTP . In this page we need a password setting and confirmation space. Fields includes ,

- **First Name**(Minimum 3 characters and maximum characters 10. Special characters , numbers and white spaces are not possible)

- **Last Name**(maximum characters 10. Special characters , numbers and white spaces are not possible)

- **Phone Number**(10 digits is possible)

- **Email**

- **Location**(Location includes state, city and pin code . This field can take characters and numbers. Special characters are not possible.)

- **Password**(8 characters,Uppercase,lowercase, numbers ,and special characters are required.)

- **Confirmation Password**(Same as password field)

**Login facility**

Users can login with Username ,Phone Number, Password.

Password Should be 8 Characters includes upper case, lower case, special characters.

Phone number contains 10 digits. User names have a minimum 3 Characters. There should

have forgot password setting facility.New Users can Register in Site. Login fields,

**- Username(Email)**

**- Password**

**- Forgot password**

If the login information is valid then lead to the home page.

**Home page**

Home page include detailed map with from and to destination,Search option with location,

and time . Images of cabs, drivers profile view , query numbers, Social media information,feedback are in the home page.

**Search option functionality**

Users can search cabs as per their needs. Searching options are cab name, location and time.

Available cab lists show in the page when the user searches location and time. Cab list from & to destination ,time and amount. Filter option also available for users for fast searching. Enquire facilities are also included in the search option.

**Booking Page**

Cab booking is by select a particular cab with time specification. When the user presses a booking button notification is sent to the driver and the user gets a message to wait for the driver's response. If the cab is available, the user gets that information within seconds and continues to the payment page.

**Payment**

When the confirmation message got to user they can continue with payment option. Online payment and offline payments are available. If the user select online payment then all online option should be shown. All notifications based on payment and booking are sent Through both mail and phone number.

**Cancellation and reschedule**

After booking a cab user can view that information. If the user needs to cancel or reschedule the cab , that option is available .When a user cancels a cab that notification reaches the driver. Or if the user wants a reschedule, then cancel the first booked cab and again leads to a search option.

**Feedback**

User can post their feedback from home page. After the travel experience they got notification for feedback. These feedback and ratings are posted publicly. These Feedbacks are viewed by the next user who wishes to book for that car.

**Drivers:**

**Register form**

Register form includes Name, Phone number, Email, Location ,License number, upload option of license copy and Gender.Name with two fields like first name and last name. Also need to check phone numbers and emails are valid. Location includes state, city and pincode Email and phone number verified by OTP . In this page we need a password setting and confirmation space. Fields are,

- **First Name**(Minimum 3 characters and maximum characters 10. Special characters , numbers and white spaces are not possible)

- **Last Name**(maximum characters 10. Special characters , numbers and white spaces are not possible)

- **Phone Number**(10 digits is possible)

- **Email**

- **Location**(Location includes state, city and pin code . This field can take characters and numbers. Special characters are not possible.)

- **Password**(8 characters,Uppercase,lowercase, numbers ,and special characters are required.)

- **Confirmation Password**(Same as password field)

**- License Number**

- **License card** (card should be uploaded in pdf format)

**- Year of experience**(Drop down button to select an year.)

**Login facility**

Users can login with Username ,Phone Number, Password.

Password Should be 8 Characters includes upper case, lower case, special characters.

Phone number contains 10 digits. User names have a minimum 3 Characters. There should

have forgot password setting facility.New Users can Register in Site.

**- Username(Email)**

**- Password**

**- Forgot password**

**Customer view**

Each driver can view a list of users who booked his cab . Those customers' contact number and location are available to the driver. If the user canceled or rescheduled that notification can view it on this page. Also drivers can reply to the customer for their queries.

**Profile update**

Drivers can update their profile. Edit profile option visible in home page. Updating fields should be in the format of register form.

**Admin:**

**Login facility**

Users can login with Username ,Phone Number, Password.

Password Should be 8 Characters includes upper case, lower case, special characters.

Phone number contains 10 digits. User names have a minimum 3 Characters. There should

have forgot password setting facility.New Users can Register in Site.

**- Username(Email)**

**- Password**

**- Forgot password**

**Drivers and users view**

Admin can View,Confirm or Cancel bookings done by users. Admin can manage registered users and drivers.Admin can check and manage the availability of cab and also

Admin can also categorize cab accordingly. Admin will be responsible for keeping a check on all the bookings done by users.Admin can manage the drivers and their details. Views of admin,

**- Users list**

**- Drivers list**

**- Cab list**

**- Feedback view**

**Update and status**

Admin can Add,Remove or Update cab and their details from the system.

Keep a track of the status of all the cabbies that are engaged.Admin can set or update prices and charges of the taxi rides. Updates option are,

**- Add cab**(Admin add new cab details to site. When the Driver register in site admin can approve the register. )

**- Remove cab**( If the driver is not ready to be there as employee then admin can remove the driver details from site.It remove all the details of the cab . )

- **Updates prices**( Specified prices for each can update as per need.)

**- Charges of the taxi rides**