**Vehicle service registration**

**Front-end Section**

Main purpose of this application is to register vehicle service for date and time slot in various service centers.

Table : users

Fields:

User Id, Firstname, Lastname, Email, Password, Phone Number

Table : user\_addresses

Fields:

Address Id, User Id, Street, City, State, Zipcode, Country

**Tasks**:

1. Frontend application page will open the login form and there will be a register button.
2. User can clicks on the register button and it will be redirect to the register form to register in system.
3. Registration form will contain all the fields including users table and address table. Upon a form submission, data will be inserted into the corresponding tables.
4. After successfully registration, user will redirect to the landing page for login into the application.

Create appropriate models, controllers and views for above tasks for users.

Vehicle service registration form

Table : service\_registrations

Fields :

Service id, User Id, Title, Vehicle number, User license number, Date, Timeslot (9-6), Vehicle issue, Service center, Status, Created date

**Tasks**:

1. After login as a user in the front-end application, there will be a button to the service registration.
2. Once user click on the service registration button, it will redirect to the form where user can fill-up the form.
3. Vehicle number and license number will be unique for the user.
4. For the date field, there will be a date picker. Only future date can be selected from it.
5. For timeslots, there will be a dropdown. Options will be like, 9-10, 10-11, 11-12...5-6.
6. Only 3 active services can be selected for each timeslots. Means if there is already three users selected the same timeslot, it will not be available for another any user.
7. After submitting form, it will show the grid with the all service requests added by that user.

**Backend**

1. Backend landing page will show the dashboard, and will show grid of all the service request comes from different users.
2. Backend user can edit/update the request and can approve/disapprove the status.