

Car Hub

Team Members

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Introduction

Car Sharing System is a platform for individuals who want to give rental services for cars. Companies such as Budget, Enterprise Rent-A-Car, Hertz and many more can be expensive when renting a car.

Our platform allows car owners to put their personal cars up for rent to make side income, consequently providing cheaper options to rent a car. Users on the platform can search and book cars in their local area or city or any other location they prefer. Also, if the users have cars they want to put up for rent, they can list them on our platform.

Core Features

- **Landing Page:** Overview of the application platform. Car owners have the right to add a new car, edit car details which have already been added to the system and delete the car. On the other hand, users will only have rights to search, book car and ask questions. (Admin will respond to all questions asked by users - Live Chat).
- **Registration and login:** Registration page will be the same for the car Owner or Users. The only difference is the user type (drop down to select user type. For Example, Car Owner and Users). Login page will allow car owners or users to log into our system using email address and password (provided at the time of registration).
- **Car Registration - Deactivate pending request(sub):** Whenever user adds a new car, the car status will be in the pending state. Only the admin has rights to approve the car (Admin will check if the car documents are valid or not for security purposes). Users will only be able to book once admin approves the car. If the users' pending request is greater than 24 hours then the request will automatically get deactivated, and the user will be able to send new request to same or different car owner.

- **Car booking & approval:** The user can check the availability of the car using the search option. After that the user will be able to book the car (The user will send a request to the car owner for booking). Once Car owner receives the request from user, the car owner can approve or reject it.
- **Search and Filters:** List of the cars that are currently available. Filters allow for the list of cars to be specified (filter by source location, City, Zip code, From date and to date)

Extra Features

- **FAQ:** It will show the frequently asked questions by users.
- **Map:** View cars in specific cities.
- **Email Integration:** Email integration for FAQ and Car Approval, Car Booking.
- **Update Profile:** User will be able to update profile (age, phone number, address).
- **DDO'S :** Prevention of DDOS attack
- **Hosting:** live hosting of site on Heroku.
 - <https://carhub-cs546-group10.herokuapp.com>

GitHub- <https://github.com/CS546-Group10>