Group Meeting Report
Vroom Team

Wednesday, July 31 2019

1. Discussion Results
    a. Scenario

During a further discussion about the project, the team has come to suggest the following scenario.

Registration:
The users will register with their name, email, address, phone number, license number and credit/debit card information. Once they register, they will have to do a background check through National Crime Check and during that period of time, they won't be able to book a car. The admins will be able to set their account status 'active' once the check is done. Also, since we are going to use some type of card (to unlock and return the car), we will be delivering the card to the address of the user.

Booking:
The users will have to be logged in to book a car. They will pick a car, choose the return point, get the invoice by email, and once the booking is confirmed, they will be able to tap their card to the RFIDs installed on the car to unlock it.

Returning:
They should return the car to the correct location and tap the card on the correct pod. If the users return it later than their booking period, they will be charged extra. Once they tapped the card, they will no longer be able to open the car with that key.

Database:
So far, we came up to create a database including User, Car, Booking, (Booking) History and Location.

- The User will have name, email, password, role (admin/customer), address, phone number, license number, credit card and status (active/not).
- The Car has location ID, plate number, type, passenger number, and availability.
- The Booking has user ID, (return) location, car ID, begin time, return time and status(ongoing/not).
- The History has exactly the same columns as Booking, except the status. This table will solely store the booking history.
- The Location table is the list of parking locations. It will have the address, coordinates, and availability status.

b. Supporting Technologies

So far, the team has decided to:

- Use Laravel framework for the backend.
- Use Angular framework for the frontend.
- Use Digital Ocean or Heroku for deployment.

We chose to use these tools because most of us have experience using it.

c. Work Focus and Work Load

For now, we focus on finishing the project charter. We've also divided the work load to finish it.

We have also assigned roles to the team.

- Sarah: Product Owner
- Stella: Team Leader
- Robin: Scrum Master
- Sefira: Scrum Team
- Tyler: Scrum Team

2. Questions

Upon coming up with the ideas, we also stumbled upon several questions.

1. Is the project scenario alright in your opinion?
2. Is the database architecture alright in your opinion? Would there be missing details that we might have missed?
3. For the payment, do we have to demonstrate real payments? Or could we just skip it by saying that it's paid?
4. Do we need to demonstrate the car unlocking scheme later? Or could we send dummy data through Postman to do it?
5. Since we'll be using cards, do we need an extra table for it in the database?
6. Do we need to keep the codes for each deliverables for documentation?

3. OneDrive Link

This is the team's OneDrive link that you requested.

https://rmiteduau-my.sharepoint.com/:f:/r/personal/s3766192_student_rmit_edu_au/Documents/COSC-2408?csf=1&e=TzTEFh