Meeting Minutes Sprint 3 Meeting 1

Date: Thursday March 14th, 2024
Duration: 45 minutes
Location: Online

Members present:

- Christopher Mezzacappa
- Michael Mezzacappa
- Vinisha Manek
- Philippe Rebeiro
- Ambrose McLaughlin

Meeting Agenda

- Adding branches
- Check-in/Check-out process brainstorm
- Refactoring reservations
- Filtering car attributes and branches

Discussion Points

- Adding branches
> **Summary of discussion:** Branches will be added as a separate Branch model in MongoDB to accommodate the multiple location aspect in the project. The Vehicle model in MongoDB should have an attribute of type Branch to then associate vehicles with their respective branches.
> **Decision made:** Ambrose will take the lead in adding the Branch model and setting up the necessary functions to implement a search for the nearest branch
> **Action items assigned:** Ambrose will implement the Branch model in MongoDB, and all additional functions, ensuring proper integration with the existing project structure, with help from Vinisha

- Check-in/Check-out process brainstorm
> **Summary of discussion:** It was proposed to implement separate pages for the check-in and check-out processes, mimicking a form where users can input relevant information.
> **Decision made:** Phil volunteered to develop these pages, specifically the front-end and the forms needed.
> **Action items assigned:** Phil will work on the front-end of check-in and check-out processes

- Refactoring reservations

Summary of discussion: The team recognized the importance of ensuring the reservation functionality works within the Reservation model in the MongoDB database, enabling users to make multiple reservations without issues.

Decision made: Michael and Chris will work on ensuring that the reservations will work.

Action items assigned: Michael and Chris will fix the reservations, with help from Ambrose.

- Filtering car attributes and branches

Summary of discussion: It was agreed to enhance the filtering capabilities by incorporating additional car attributes for filtering purposes (model, transmission type, number of seats, etc) as well as a search functionality based on branches, which is a high priority. The branches will be searched by the nearest located airport (through a dropdown) or by inputting the user's postal code.

Decision made: Vinisha will implement the car attributes filtering, while Ambrose will develop the search functionality with the branches.

Action items assigned: Ambrose and Vinisha will work together to finish the filtering.

Next Steps

- Phil will work on the check-in and check-out process front-end components.
- Ambrose will create the Branch model, and the searching branches based on postal code or nearest airport.
- Vinisha will start the filtering between car attributes
- Chris and Michael will work on ensuring the reservations work seamlessly.
- Implementing the payment, sending email confirmations, and calculating the total price for a user will be brought up and discussed in following meetings.