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PARK MATE

MOBILE PARKING SOLUTION FOR NEIU

Park Mate

Login as Neiu User ˅

Username:

admin

Password:

admin

Remember me ✔

Login

Continue as Guest

DESCRIPTION:

Main Menu

- Find Parking
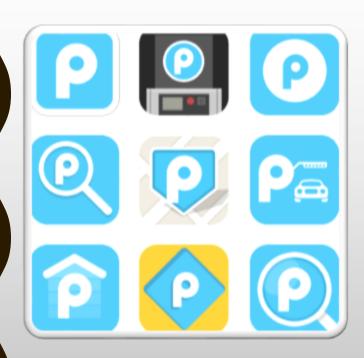- Track Car
- Pay Parking (Guest)
- Logout

- Park Mate is an app which was built to help people overcome parking problems

- Goals

  - Help users find parking quickly

  - Help users keep track of their car in the parking area

  - Guest parking (Paid)

Similar Applications:

❖ Parker

❖ Spot hero

❖ Park me

❖ Parking Panda

❖ Park whiz

❖ Park it

❖ Find Your Car

❖ Commander Compass

CASE FOR OUR APP:

- ❑ Our app has all three features in one combined which makes it easier for users to do all parking related tasks in one app (Park, pay, track).

- ❑ Other apps in the market specializes in just one or two of the three features we provide in our app.

- ❑ Our app is free. It was built keeping in mind the needs of people parking at NEIU facilities.

- ❑ Our user interface is clear and we provide help to guest by providing them information on where to park.

VIDEO

- https://drive.google.com/file/d/1Q5qj0beAZbH4nLaKJ9WQUIuCrdKmS5Sb/view?ts=5adf91a2

IF WE HAD MORE TIME:

o We would have researched more about all the NEIU parking facilities available such as the parking garage. We would include them in our app as a parking spot.

o In our current app, the user physically has to press the option to save the car's position after parking. We would have looked at options to automatically save the car's position after parking.

o Implement Bitcoin/google pay/apple pay options to the payment method

EVALUATION

- The experiment we would conduct that evaluates our system would be the speed of the navigation time for the first time users of the application.

- We will be simulating a situation where first time guests of NEIU had to pay for parking utilizing the application. The simulation will also have a situation where parking services will arrive in 7 minutes to give the car a ticket.

- The user successfully completes the simulation once they manage to pay for parking within the 7 minute time frame.

- The independent variables would be the age of the users, the user's past experience with mobile applications, and the user interface of the application

- The dependent variable would be the speed of completion.

CONCLUSION:

- ✓ After testing the interface with users, we could see a sort of happiness in their faces and the reviews we got from them suggest that we have been successful in achieving our goals.

- ✓ Secondly, We realized outsiders when they come to neiu for inquiries find it hard to park or park at illegal places and end up getting a ticket. To help people avoid tickets, we made sure even outsiders were in our plans when we laid out the interface. We made a separate feature for guest parking (Paid)

- ✓ All in All, As a responsible citizen we tried to bring a change that could help everyone related to NEIU