CSCE 5430: Software Engineering

PROJECT PROPOSAL

GITHUB LINK
https://github.com/TogaruPravalika/Software-Engineering-Project--Just-Ride.git

PROJECT TITLE
JUST RIDE

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INTRODUCTION

The transportation industry has undergone a significant transformation in the past decade, with the emergence of ride-hailing apps like Uber and Lyft. These apps have made it easier for people to travel to various destinations without having to rely on public transportation or traditional taxis. However, one of the biggest challenges that people face when using these apps is the high cost of rides, which can be prohibitive for many, especially college students and those on a tight budget. Just Ride is a new ride-hailing app that aims to address this challenge by providing affordable rides to everyone, while also fostering social interaction and knowledge sharing among riders.

MOTIVATION

The founders of Just Ride recognized that the high cost of rides was a significant challenge that many people faced when using ride-hailing apps. They realized that there was a need for an app

that offered affordable rides to everyone, regardless of their financial situation. Additionally, they wanted to create an app that encouraged social interaction and knowledge sharing among riders, which could help build a sense of community among users.

SIGNIFICANCE

To understand the significance of Just Ride, the founders conducted a survey among college graduates from different universities. The survey results revealed that ride fares were a significant challenge for students, with many struggling to pay for expensive rides. Some students even had to rely on public transportation or borrow money from friends to pay for rides. The founders of Just Ride recognized that there was a need for a ride-hailing app that offered affordable rides to everyone, especially those who were struggling financially. By providing affordable rides, Just Ride aims to make transportation more accessible and equitable for all.
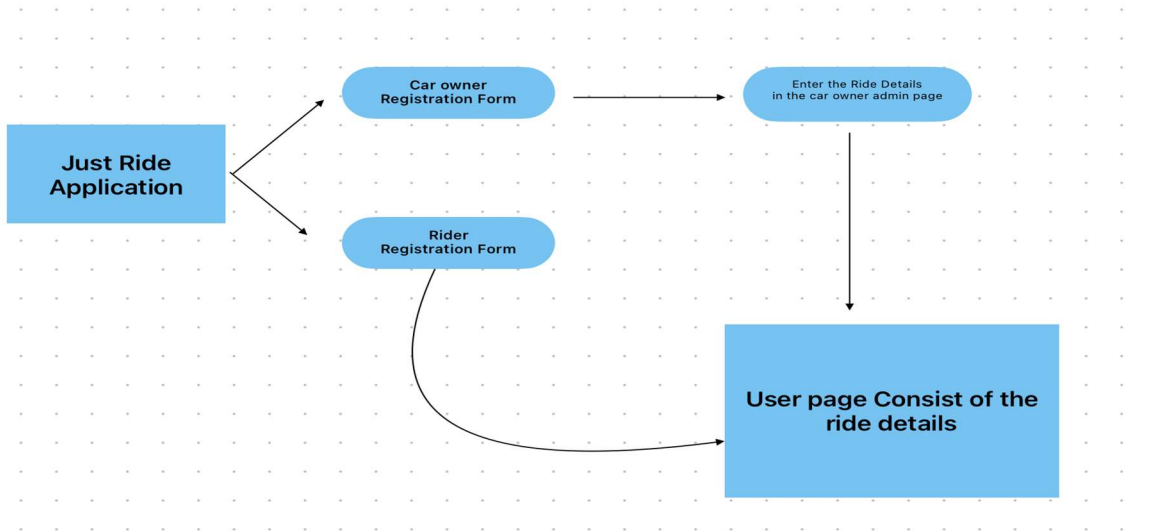
OBJECTIVES

The primary objective of Just Ride is to provide affordable rides to people who need them. The app offers ride pooling, which means that multiple passengers can share a ride and split the cost, making it more affordable for everyone. In addition to this, the app also aims to foster social interaction and knowledge sharing among riders. By bringing people together, Just Ride hopes to create a sense of community and provide an opportunity for people to meet new friends, learn new things, and expand their horizons.

FEATURES

- Just Ride offers a range of features that make it a unique ride-hailing app. One of the key features is ride pooling, which allows passengers to share a ride and split the cost. This makes the rides more affordable for everyone, especially those who are on a tight budget. The app also offers affordable prices, which are calculated based on the distance traveled, the number of passengers, and other factors.
- Another important feature of Just Ride is new people interaction. The app encourages riders to engage with each other and start conversations during the ride. This can lead to new friendships, networking opportunities, and knowledge sharing. By providing a platform for people to connect with each other, Just Ride hopes to create a sense of community among its riders.
- Just Ride is available 24/7, which means that people can book rides at any time of the day or night. This is especially important for people who work or study late hours and may need to travel outside of regular transportation hours.

- Lastly, Just Ride offers cashbacks to riders, which means that they can earn money back for using the app. This incentivizes people to use the app more often and helps to reduce the cost of rides even further.

Comparison with other carpooling apps

Just Ride is not the only ride-hailing app that offers ride pooling and affordable rides. There are several other carpooling apps available in the market, such as BlaBlaCar, GoGoGrandparent, and Scoop. However, Just Ride stands out from the rest due to its unique features, such as new people interaction and cashback.

BlaBlaCar is a carpooling app that allows passengers to share rides with drivers going to the same destination.

<u>REFERENCES</u>

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