

# BIDMYRIDE

CAB BOOKING APP



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CSE202 - Fundamentals of Database Management Systems

## PROJECT DESCRIPTION

BidMyRide is a revolutionary cab booking app that allows riders to choose from a variety of cab driver prices for their ride. Our app offers a unique bidding feature that allows cab drivers to offer a price for a ride and compete for the rider's business. This feature empowers riders to have more control over the cost of their ride, while also giving cab drivers a chance to earn more business by offering competitive prices.

In addition to the bidding feature, BidMyRide also offers the standard features you would expect from a cab booking app, such as view driver **ratings** and **reviews**, and track the driver's location in real-time. Our app also utilizes a **user-friendly interface**.

Overall, BidMyRide is the perfect solution for riders looking for a more cost-effective and efficient way to book rides, and for cab drivers looking to increase their business. With BidMyRide, everyone wins.

# PROJECT SCOPE

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## DATA TO BE STORED

- As a cab booking app, BidMyRide collects and stores various types of information about its users, including riders and drivers. The information collected is used to provide a personalized and efficient service to our users and also to comply with legal and regulatory requirements.
- For riders, we store the following information:
  - Rider username, password, email id, contact no. ,age, country, wallet balance.
- This information is used to identify and authenticate the rider, and to provide them with a personalized service. The rider's age and country are used to ensure compliance with any legal age restrictions, and to provide relevant information and offers to the rider. The wallet balance is used to keep track of funds available for the rider to pay for rides.
- For drivers, we store the following information:
  - Driver username, password, Vehicle type, Aadhaar card number, Driving license, Vehicle's insurance papers, email id, contact no. ,age, country, Languages they speak.
- In addition to the above we will store the following as well:
  - Rider, Driver, Pickup Location, Destination Location, Fare, Distance(km), Estimated Time, Pickup Time, Booking Time, Drop Time, Rating, Rider, Driver.
- This information is used to identify and authenticate the driver, and to ensure compliance with legal and regulatory requirements. The vehicle type, insurance papers, and driving license are used to ensure that the driver has the necessary qualifications and documentation to provide the service. The driver's age and country are used to ensure compliance with any legal age restrictions, and to provide relevant information and offers to the driver.
- All the information collected is stored securely and is only accessible by authorized personnel for the purpose of providing the service and complying with legal and regulatory requirements.

# FUNCTIONAL REQUIREMENT

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## USER LOGIN MANAGEMENT

- For riders, the login page allows them to access their account by entering their registered username and password. Once logged in, riders will have access to all of the app's features, including requesting rides, viewing offers, and tracking the driver's location.
- For drivers, the login page allows them to access their account by entering their registered username and password. They also have the option to sign in with their Google or Facebook account. Once logged in, drivers will have access to all of the app's features, including receiving ride requests, submitting offers, and tracking the rider's location.

## CAB BOOKING

- When requesting for a ride, users need to provide their current location and destination, which will be sent to nearby cab drivers. The app will then notify the drivers of the ride request, and they can submit their offers with the fare, and **estimated time** of arrival. Users can view the different offers and **sort** them based on price, **rating**, or estimated time of arrival to make an informed decision and choose the best offer that suits their needs and budget.
- Once the user selects a driver, the driver is notified and the ride is confirmed. The user can track the driver's location in real-time and also rate the driver after the ride.

## WALLET

- The wallet feature on BidMyRide allows users to easily manage and pay for their rides. The wallet is linked to the user's account and can be used to store funds that can be used to pay for rides. Users can add funds to their wallet using a variety of payment methods.
- Once funds are added to the wallet, users can easily pay for their rides using the wallet balance. The fare is automatically deducted from the wallet balance after the ride ends.



## TRIP HISTORY

- The Trip History feature on BidMyRide allows riders and drivers to view details of past trips taken through the app. This feature is accessible from the app's main menu and provides a detailed record of all trips taken, including the date and time of the trip, the pickup and drop-off location, the fare, and the driver's name.

## TRIP DETAILS

- The Trip History feature on BidMyRide allows riders and drivers to view details of past trips taken through the app. This feature is accessible from the app's main menu and provides a detailed record of all trips taken, including the date and time of the trip, the pickup and drop-off location, the fare, and the driver's name.

# TECHNICAL REQUIREMENT

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## FRONTEND

- HTML
- CSS
- JAVASCRIPT

## BACKEND

- MYSQL
- PYTHON

# ACCESS CONSTRAINTS

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## ADMINISTRATOR

- The administrator will have the root access and would be able to view the information of all the types of stakeholders. All the information collected is stored securely and is only accessible by authorized personnel for the purpose of providing the service and complying with legal and regulatory requirements.

## RIDER

- Rider would be allowed to view the driver name, vehicle type, License number and other details but they would not be able to change any of the details of other stakeholders other than their own. All the relevant information will be shared by them and they would not be able to know the existence of other users and drivers other than the ones who accepted their business and offered the price of the trip.

## DRIVER

- Drivers would not be able to access riders data until and unless rider's open an offer and put them on the public domain. They would not be able to access and view the details of other drivers and they would not be able to know the details for other riders.