

# UniRide

*A Ride-sharing Application*

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## General explication of the app

UniRide is a ride-sharing and on-demand transport app. It helps students, staff and visitors move easily inside and outside campus . Users can request rides or offer-seats all in one place.

### Functionalities:

- User profile and authentication
- Ride requests and offers (Create/Edit/Cancel/Book)
- Route Estimation
- Scheduling and waiting lists
- Rating and feedback
- Notifications

## Feasibility report

- Based on the feasibility analysis, UniRide seems to be feasible.
- Our team had the adequate technical skills such as python and is open to learn more about django and react which will be mainly used in the Web app.
- Our survey shared within students and staff at the university show a high demand (77% think the app would be useful once released).
- We also made a 5 week planning to build the necessary features such as authentication, ride management and maps integration.
- While we noted that the deadline is a bit tight, we're confident that we can deliver a working prototype including the main functionalities on time

# Software Requirements Specification Document

after requirement elicitation, analysis, specification, and validation, we came out with finalized functional and non-functional requirements of our app

Then , We extracted the actors to draw the Use Case diagram

## App flow

When a user installs the UniRide application, they are first prompted to choose whether they want to use the app as a driver or a rider. If the user chooses to be a rider, they register and log in using their email, which must be confirmed before accessing the system. Once logged in, the rider can select whether they want to travel inside campus or outside campus. Based on this choice, the system displays a list of available ride offers. The rider can either accept an existing offer or create a new ride request if they need transportation at a later time. They also have the option to schedule a ride in advance.

If the user chooses to be a driver, they must provide detailed information such as their driver's license, car details, insurance, and student or staff ID during registration. After submitting this information, the driver's account remains pending until the admin verifies and validates the provided documents. Once approved, the driver can log in, view ride requests from riders, create and publish ride offers, and schedule rides for future trips.

For more details check our git repository

# Benaya2005/ UniRide



A web application called UniRide designed to facilitate university ride-sharing.

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Contributors

0

Issues

0

Stars

0

Forks



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 GitHub