

MyTaxi

MyTaxi is a service that allows users to book a ride using a mobile app or online platform. It's similar to a taxi service, but with the added convenience of being able to book, track, and pay for a ride within the app. MyTaxi can improve the mobility of students in UTeM. It can also help the student to generate some income by offering rides to others.

Your team is required to develop the backend solution for a MyTaxi based on the use-case diagram as shown in Figure 1. The job scopes include:

- Design the database model using MongoDB
- Secure the database system
- Deploy the backend server using NodeJs
- Develop all the relevant RESTful API
- Github progress and API documentation

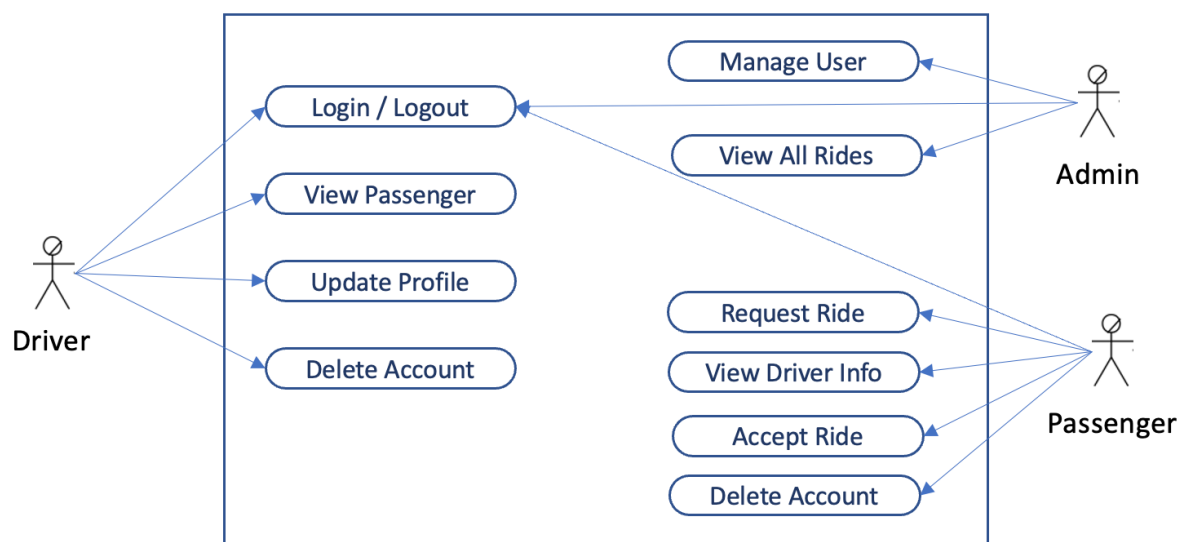


Figure 1: Example Use-case diagram for the MyTaxi platform

Submission

At the end of the project, a report needs to be produced which includes the introduction of your project, your cloud and database and demonstration of the functionality of the proposed solution. This includes:

- The database model
- A database hosted on Mongo Atlas
- A **RESTful server** that handles all the request from client

Due Date

The due date of the submission of the assignment is by Week 16.