



# UTeM PEER RIDES SYSTEM

## INTRODUCTION

The UTeM Peer Rides system is a ride-sharing platform designed for everyone in UTeM, with a special focus on UTeM students, staff and visitor to address their transportation needs conveniently and affordably. It offers an efficient, user-friendly way to book rides while fostering community, enhancing safety, and reducing reliance on personal vehicles.

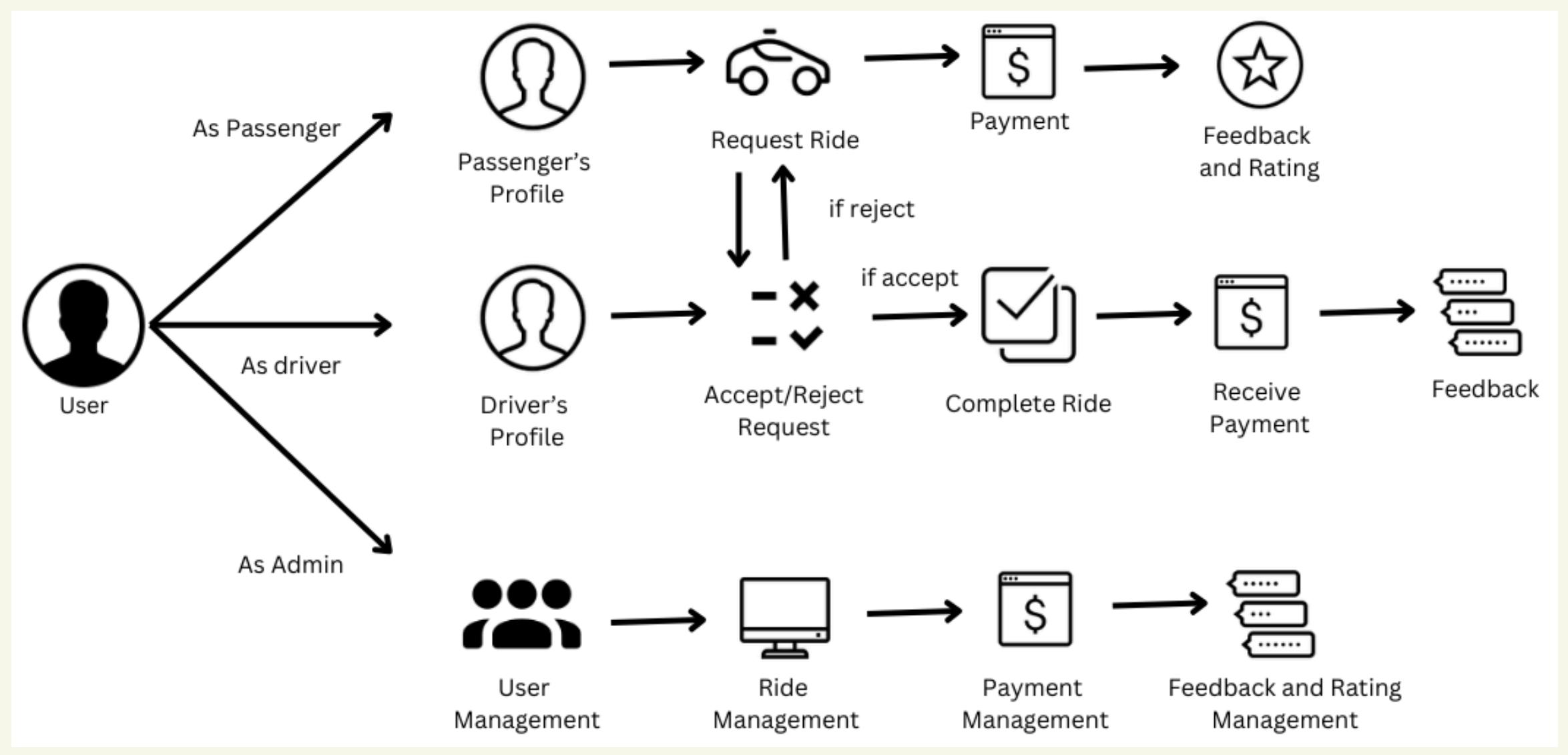
## PROBLEMS

- To provide a platform for students to efficiently book rides and improve campus transportation.
- To establish a ride management system that ensures proper record storage and prevents redundancies.
- To generate analytical reports for the relevant departments.

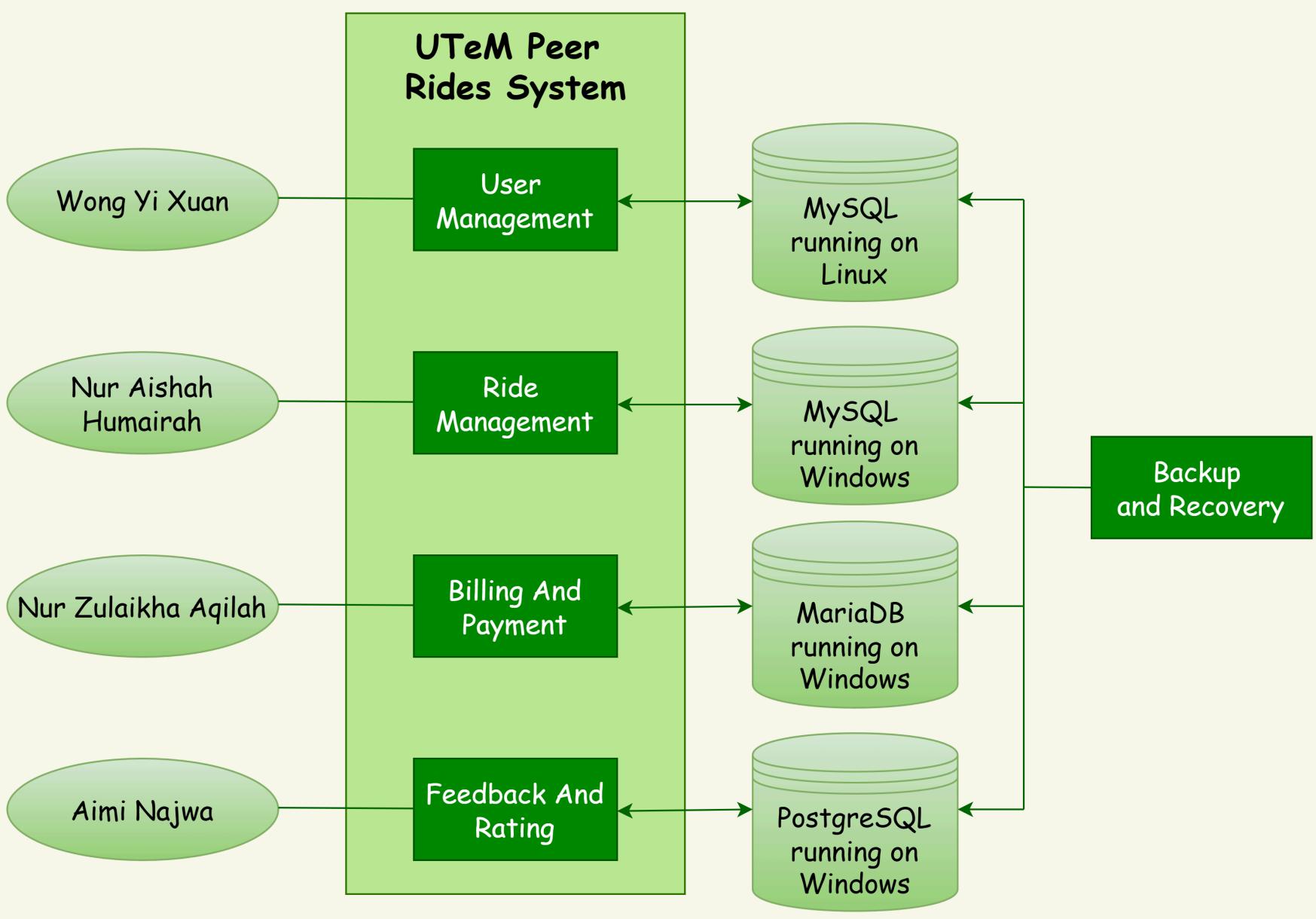
## OBJECTIVES

- Inefficiencies with time-consuming, manual ride coordination on Telegram, lacking real-time updates.
- Safety concerns to the passengers to use public transportation.
- Existing transportation services may not offer affordable rates for students.

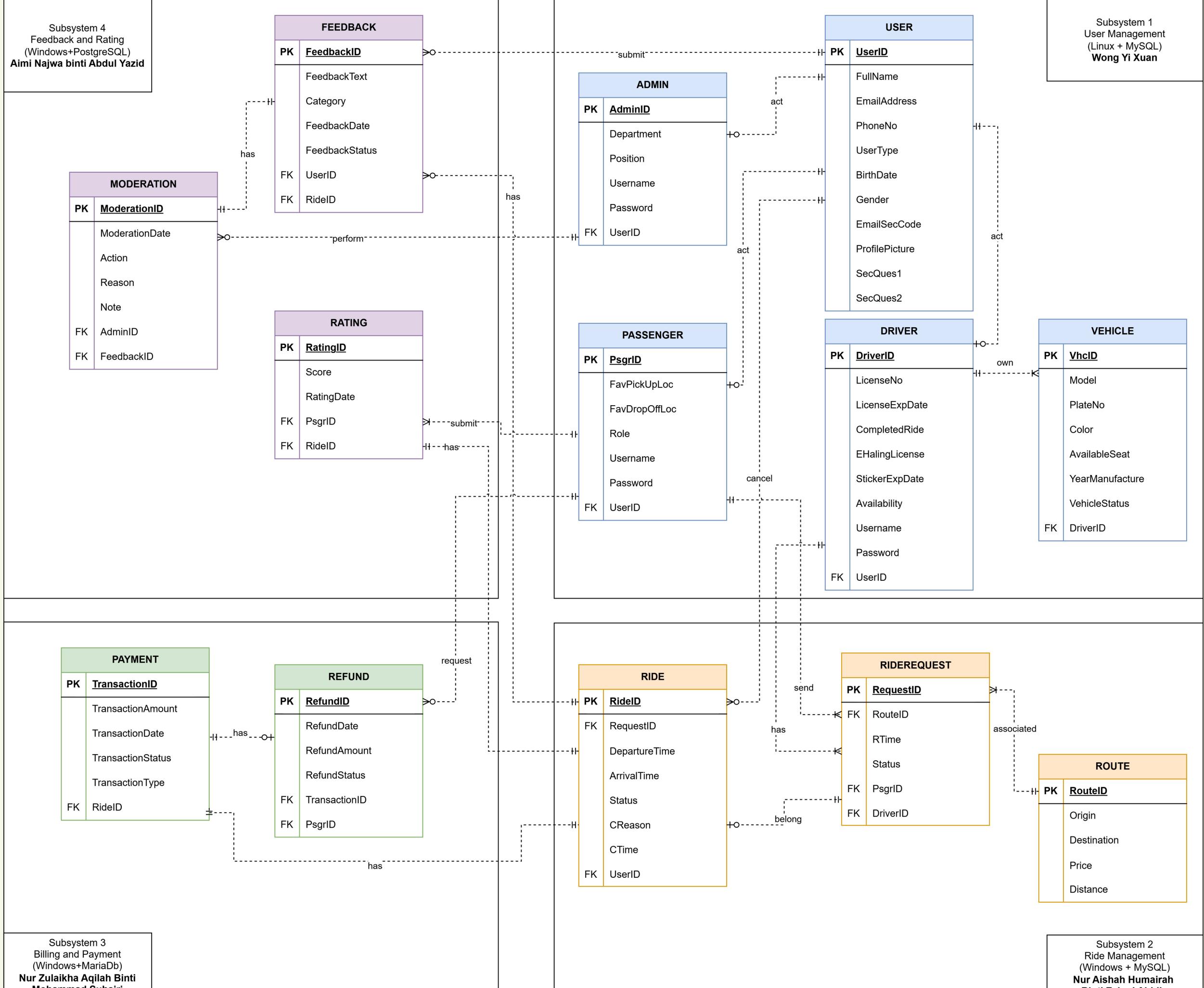
## PROCESS



## DATABASE ARCHITECTURE



## ENTITY RELATIONSHIP DIAGRAM

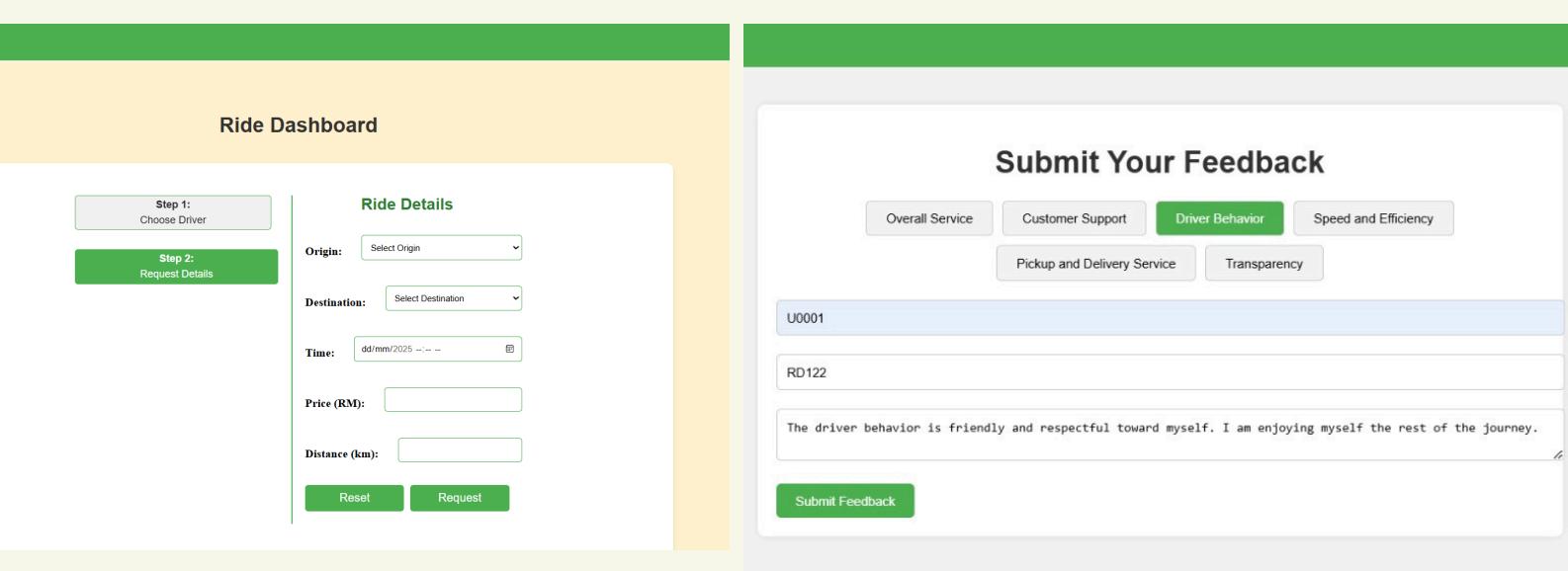


## INTERFACE

### ADMIN INTERFACE



### PASSENGER INTERFACE



### DRIVER INTERFACE

