

# CSE202: Fundamentals of DataBase Management Systems

## Final Deadline

### **FloRide** – An E2E database application for cab booking

#### **User Guide**

**FloRide** offers the following functionalities on the passenger side:-

- **SignUp**: To create a new user. The data required to create a new user is their firstname, lastname, email and phone number. The email and phone number must be unique.
- **Login**: To Login into account of an existing user, they just to enter their (registered) email address.
- **New Booking**: A user can initiate a new cab ride using this function. They need to enter their **pickup location and dropoff location** to initiate a new booking.
- **Review ride**: A user who has just completed their booking can give the review of their experience. To do so, they need to enter the **booking id**, their **star review** (out of 5) and an optional **text review** describing their experience.

**FloRide** offers the following functionalities on the driver side:-

- **SignUp**: To register yourself as a driver on our app. The data required to register yourself as a driver include your firstname, lastname, email, phone number, gender, license number, date of birth and your car.
- **Login**: To Login into account of an existing driver, they just to enter their (registered) email address.
- **Accept or reject a new ride**: Driver will be prompted whenever a user nearby initiates a booking. They have the option to either accept or reject that booking.
- **Complete ride**: After a ride has been completed, the driver is supposed to mark that ride/booking as “completed”.

**FloRide** offers the following functionalities on the admin's side:-

- **List users**: Get a user's data by entering their user\_id (except their passwords, ofcourse ;))
- **Past bookings**: View past bookings of a particular user or a particular driver.
- **Pending bookings**: View the pending bookings of a driver (i.e the bookings which the driver has neither rejected nor completed).

#### **Instructions to run the code:**

- Download the entire codebase.
- Navigate into the FloRide directory.
- Write the following command – `uvicorn main:app --reload`
- Open the hosted server in your browser by entering this in the url:  
<http://127.0.0.1:8000/docs>
- Voila! You can use the services offered by FloRide. Do remember to leave a feedback once you're done :)

## Thank you