**DATABASE & CLOUD SYSTEMS [BERR2243]**

**WEEK 5**

Task 1)

- User

- Driver

- Admin

- Ride

- Vehicle

Task 2)

Users:

- \_id (ObjectId)

- name (string)

- password (string)

- createdAt (date)

Drivers:

- \_id (ObjectId)

- name (string)

- password (string)

- isAvailable (Boolean)

- rating (float)

- vehicleId (ObjectId from vehicles)

- createdAt (date)

Admins:

- \_id (ObjectId)

- name (string)

- password (string)

- createdAt (date)

Vehicles:

- \_id (ObjectId)

- driverId (ObjectId from Drivers)

- plateNumber (string)

- vehicleType (string)

Rides:  
- \_id (ObjectId)

- customerId (ObjectId from Users)

- driverId (ObjectId from Drivers)

- pickupLocation (String)

- destination (String)

- status (string)

- price (float)

- requestedAt (date)

Task 3)

- User => Rides [One to Many]

- Driver => Rides [One to Many]

- Driver => Vehicle [One to One]