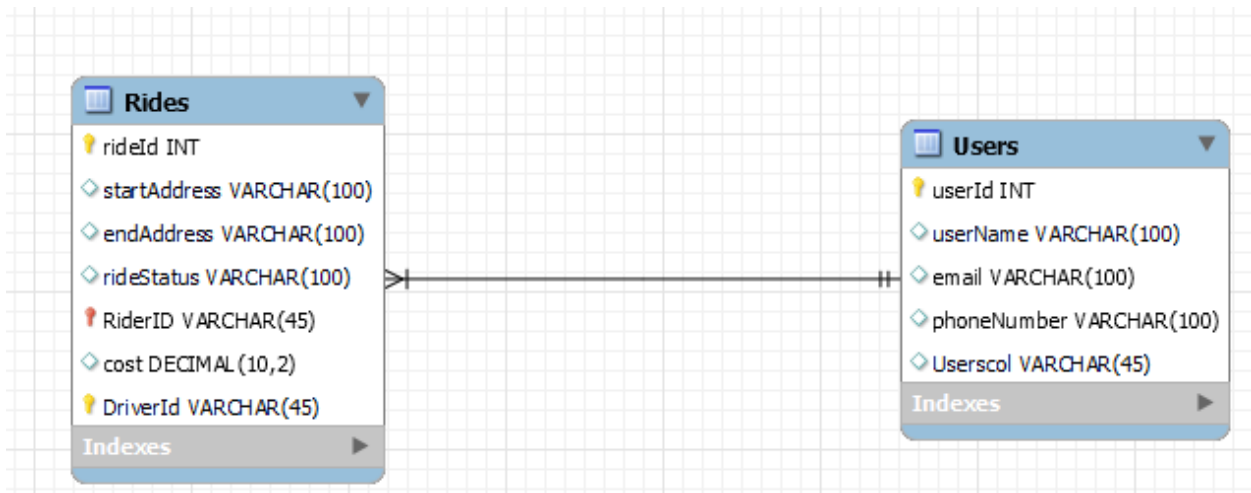# CS3103 Term Project

Deliverable B: Database Design

By

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Database ERD:

Required Functions for the Web-Service:

```
adduser(VARCHAR(100) userName, VARCHAR(100) Email, VARCHAR(100)
PhoneNumber,) -> registers a new user

updateUserProfile(INT userID, VARCHAR(100) userName,
VARCHAR(100) Email, VARCHAR(100) PhoneNumber) -> updates user
profile with changed values

deluser(INT userID) -> Deletes a specific user by userId

getuser(INT userID) -> Gets a specific user by userId

addRide(VARCHAR(100) StartAddress, VARCHAR(100) EndAddress,
DECIMAL(10, 2) cost, VARCHAR(45) RiderId) -> adds a ride to the
list of available rides

getAvailableRides() -> Gets all rides marked "awaiting driver"

getRide() -> Gets a specific ride by rideId
```

```
deleteRide(Int rideID) -> deletes a ride

addDriver(int rideID, int driverId) ->  Adds a driver to a ride
request
```