**Detail Design**

**On**

**Vehicle License and Mobile App based Booking**

**Course No: CSE 3204**

**Course Title: Software Engineering and Information System Project**

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**Class Admin**

boolean **Approve\_account (** String Id **)**

boolean **Edit\_Profile (** String id **)**

boolean **BanAccount (** String id, double rating **)**

List<driver> **Get\_Driver\_list ( )**

List<passenger> **Get\_passenger\_list ( )**

List<vehicle> **Get\_Vehicle\_list ( )**

**Class User**

Boolean **UpdateProfile (** String firstname, String lastname, String location, String email, String phone\_number, int averageRating **)**

Int\_**showRating(** int Id **)**

boolean **Delete\_Profile (** int id **)**

**Class Driver**

boolean **ConfirmRide (** int driverID**)**

double **RatingPassenger (** int passengerID**)**

**Class Passenger**

boolean **AskRide (** int passengerID **)**

int **RatingDriver (** int driverID **)**

**Class Vehicle**

Vehicle<list> **showVehicle (** int vehicleID **)**

String **ShowVehicleDetails (** int VehicleID **)**

**Class Request**

bool **isComplete (** int requestID **)**

**Class Curride**

String **showCurrentLocation (** decimal elapsedTime, double elapsedDistance **)**

**Class CompleteRide**

bool **isRideComplete (** int rideID **)**

String **ridePrice (** int rideID, double totalDistance, time totalTime **)**