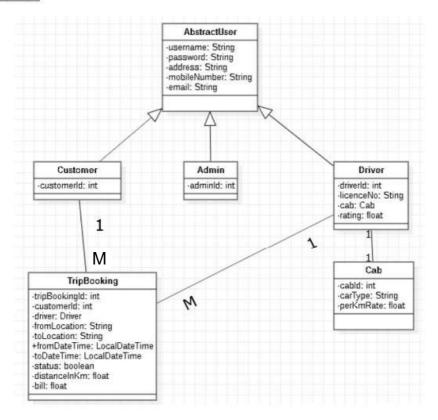
Class Design

POJO Classes:



Class Design

Service Interface:

ICustomerService

+insertCustomer(Customer customer): Customer +updateCustomer(Customer customer): Customer +updateCustomer(Customer customer): Customer +deleteCustomer(int customerld): Customer +viewCustomers(): List<Customer> +viewCustomer(int customerld): Customer

+validateCustomer(String username, String password): Custome

IDriverService

- +insertDriver(Driver driver): Supplier +updateDriver(Oriver driver): Supplier +updateDriver(Int driverld): Supplier +deleteDriver(Int driverld): Supplier +ViewBestDrivers(): List<Driver> +viewDriver(Int driverld): Driver

viewBestDrivers returns D list of drivers having rating >= 4.5

IAdminService

+insertAdmin(Admin admin): Admin

+insertAdmin(Admin admin): Admin
+updateAdmin(Admin admin): Admin
+deleteAdmin(int adminid): Admin
+getAllTrips(int customerld): List<TripBooking>
+getTripsCatwise(): List<TripBooking>
+getTripsCustomerwise(): List<TripBooking>
+getTripsDatewise(): List<TripBooking>
+getTripsDatewise(): List<TripBooking>
+getAllTripsForDays(int customerld, LocalDateTime fromDate, LocalDateTime toDate): List<TripBooking>

ITripBookingService

+insertTripBooking(TripBooking tripBooking): TripBooking +updateTripBooking(TripBooking tripBooking): TripBooking +deleteTripBooking(int tripBookingld): TripBooking +ViewAllTripsCustomer(int customerId): List<TripBooking> +calculateBill(int customerId): TripBooking

ICabService

+insertCab(Cab cab): Cab

+insertCat(Cab cab): Cab
+deleteCab(int cabld): Cab
+viewCabsOffype(String carType): List<Cab>
+countCabsOffype(String carType): int