TAXI BOOKING APPLICATION

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ABSTRACT:

When it comes to cab booking services, cab Service is the most trusted and reliable name in the travel business, this is only one aspect of service. Here cab owners are the employed driver's .So all cabs have proper permits and documentation so that the clients couldn't be hassled for the lack of documents. All Documents will completely checked by admin. Cab drivers are educated, polite, and reliable and are trained to handle acute breakdowns. Further, this project's utmost priority is quality in booking service. Our Team Members enables this application to design booking, chatting and travelling that suits to all preferences of the travelers. Although this application have more features that collaborates the concepts of Swings, Networking, DBMS,etc .These are very useful to create communication between driver and customer,admin can view the driver details, feedbacks and customer can easily check the availability of cabs and drivers from anywhere. Using this service, both driver and customers will get benefited.Using our application customer can reach their destination without any contact with the driver...

MODULE DESCRIPTION:

1)ADMIN MODULE

- The objective of this module is to provide functionalities to the admin.

- Admin is the person who has central control over the database

- This module provides admin with functionalities like:

    - Signup
    - Login
    - Update profile
    - View drivers list
    - Add / delete a driver

2)DRIVER MODULE

- In this module admin will be able to :
    - Register and wait for approval from admin
    - Update his/ her details
    - Add new cars

3)CUSTOMER MODULE

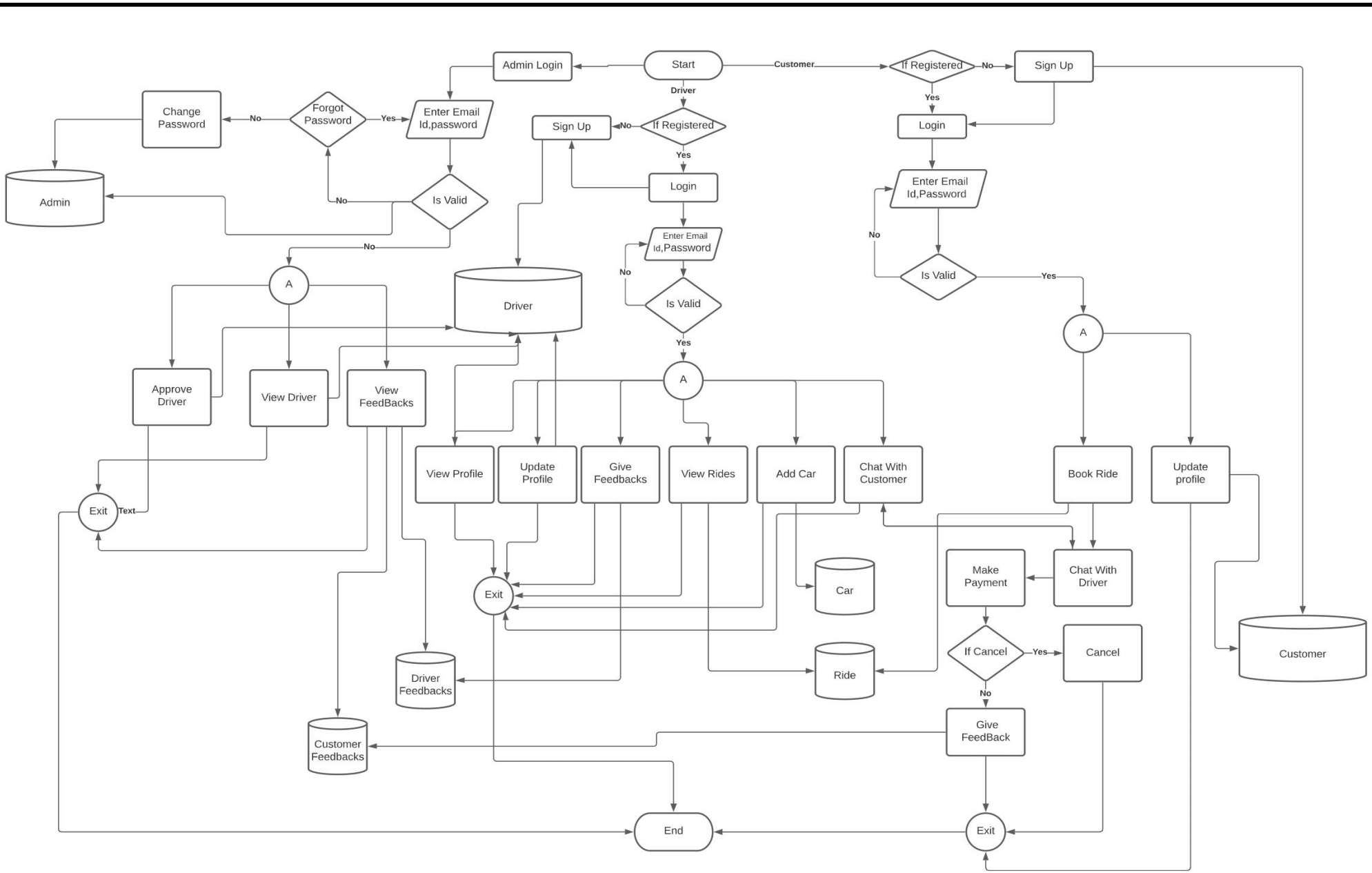
- In this module customer will be able to signup and login into the website with mobile number or Email id and password.

- Customer can search cab for different cities and book for their preferred time.

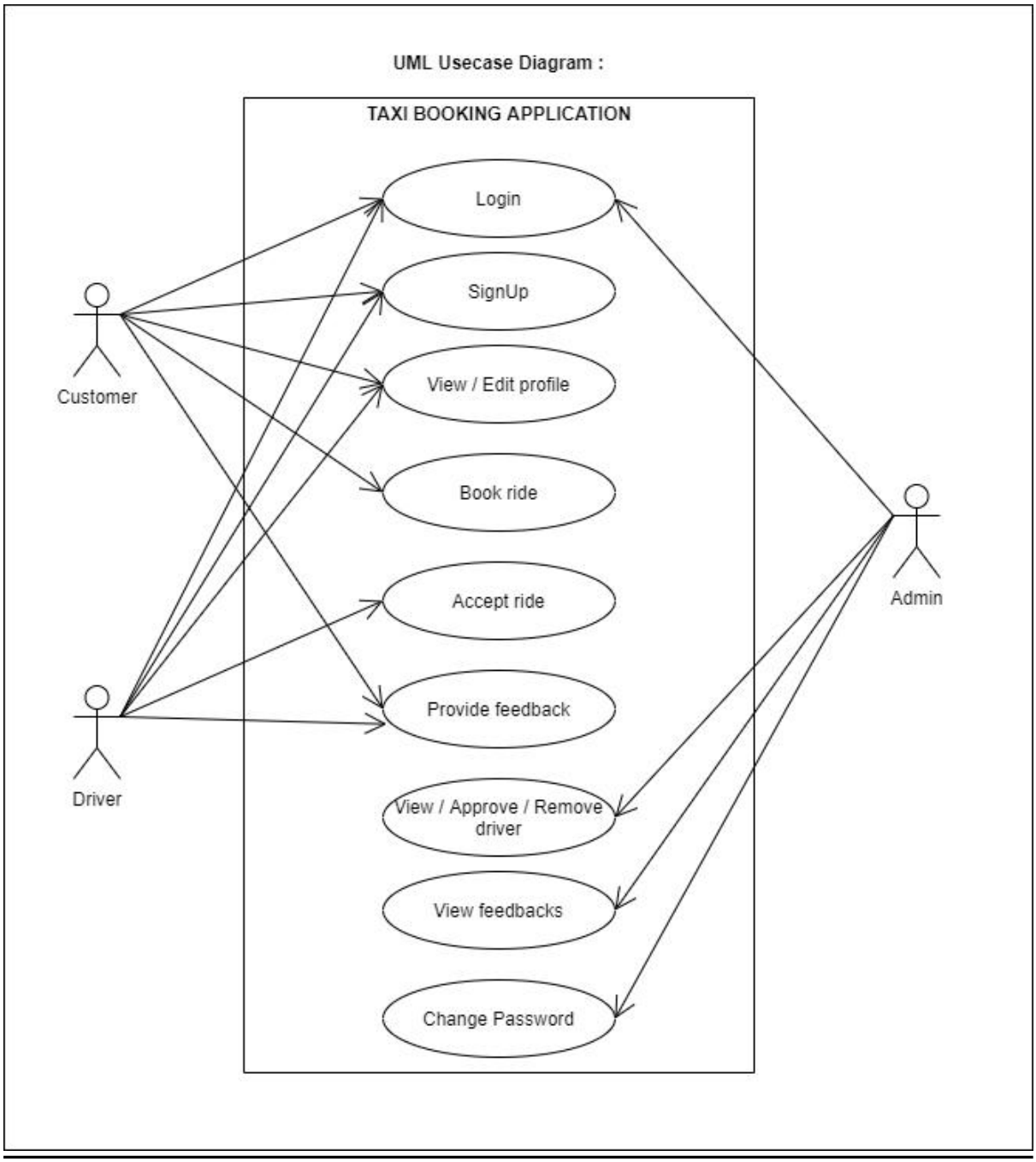
- The customer module mainly used to give advantage for the customer.

- This module is helpful for the customer to get details of the route and the details of the
- Cab which have trip to that route.
- In this module customer can pay fare and track Driver who pick up Him/Her for journey.
- Details of every passenger are stored in the system.
- Customer can also send messages and feedback to admin.

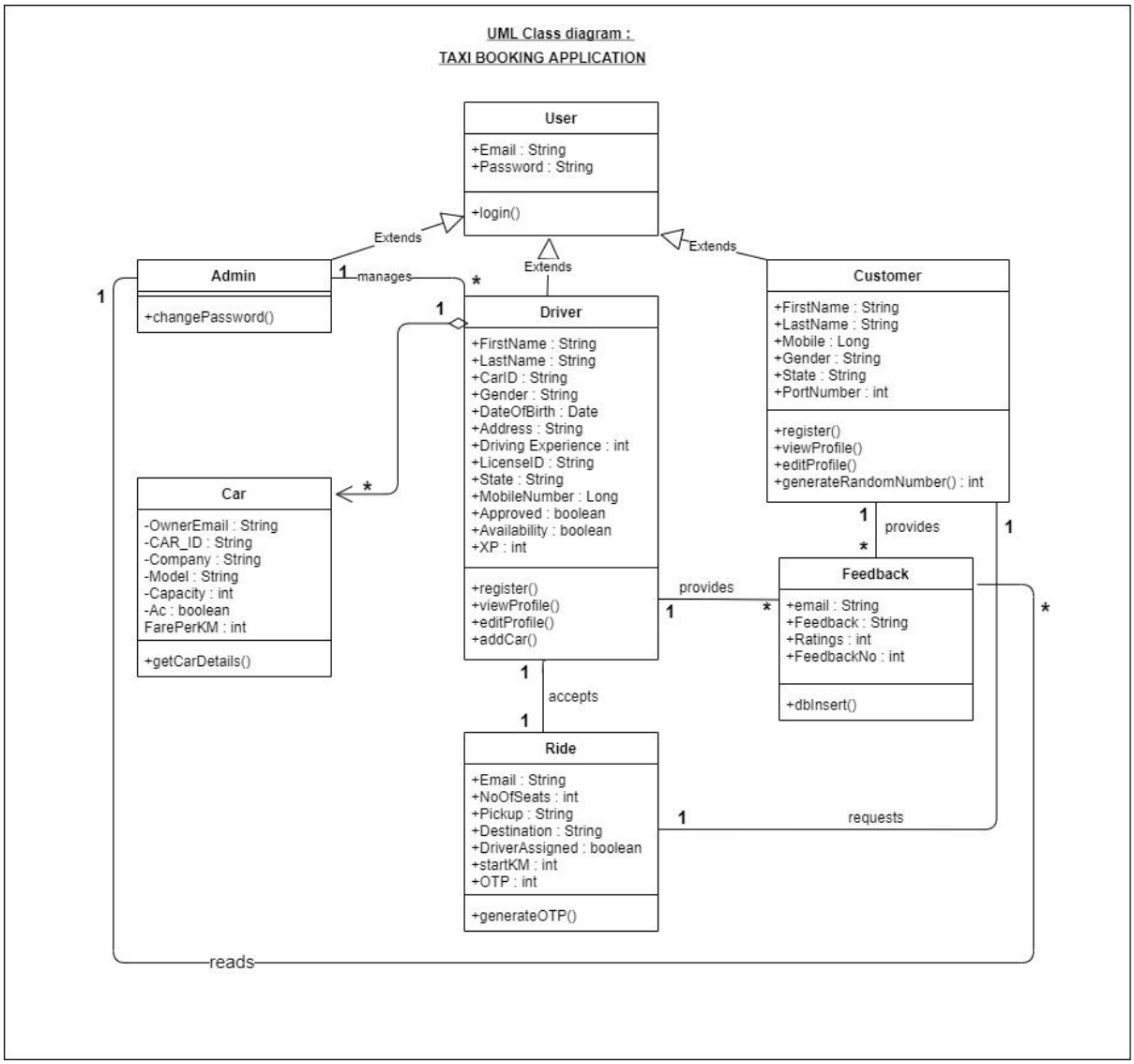
FLOWCHART:


Start
Admin Login
Customer
Driver
If Registered
No
Sign Up
Yes
Login
Enter Email Id,Password
No
Is Valid
Yes
A
Change Password
No
Forgot Password
Yes
Enter Email Id,password
Admin
No
Is Valid
No
Sign Up
No
If Registered
Yes
Login
Enter Email Id,Password
No
Is Valid
Yes
Driver
A
Approve Driver
View Driver
View FeedBacks
View Profile
Update Profile
Give Feedbacks
View Rides
Add Car
Chat With Customer
Exit
Text
Exit
Car
Driver Feedbacks
Ride
Customer Feedbacks
A
Book Ride
Update profile
Make Payment
Chat With Driver
If Cancel
Yes
Cancel
No
Give FeedBack
Customer
End
Exit

USE-CASE DIAGRAM:

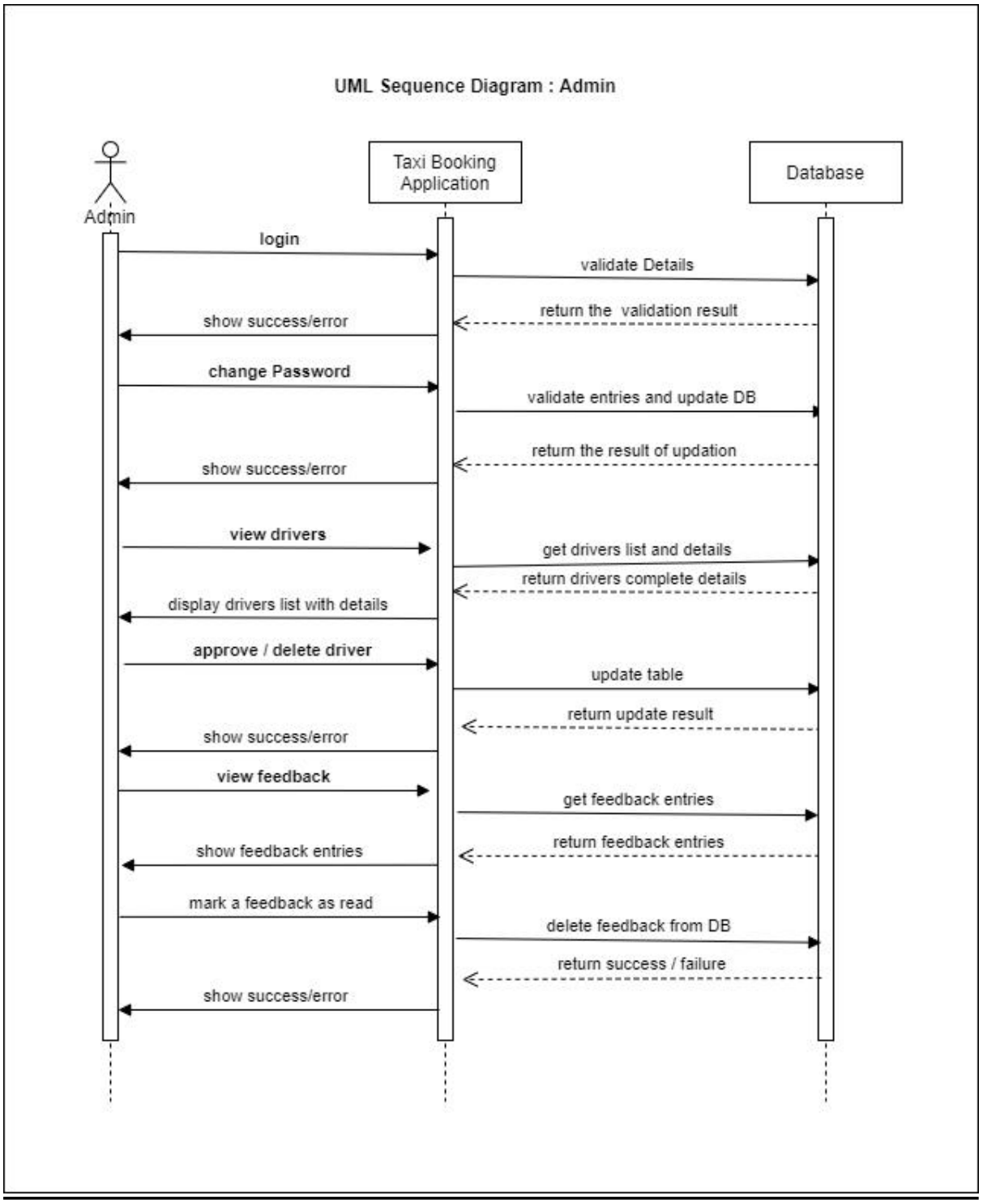


CLASS DIAGRAM:

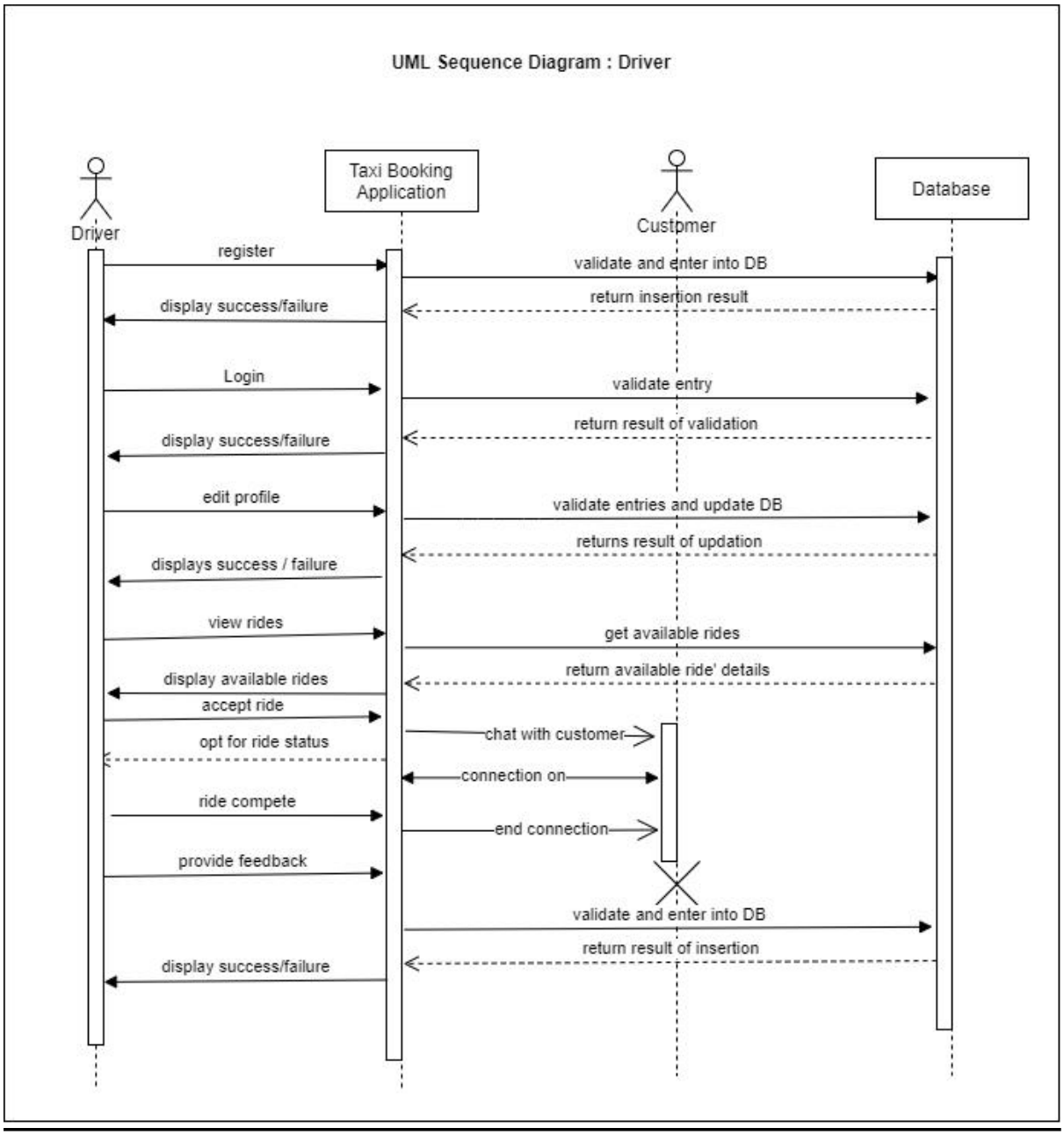


SEQUENCE DIAGRAM:

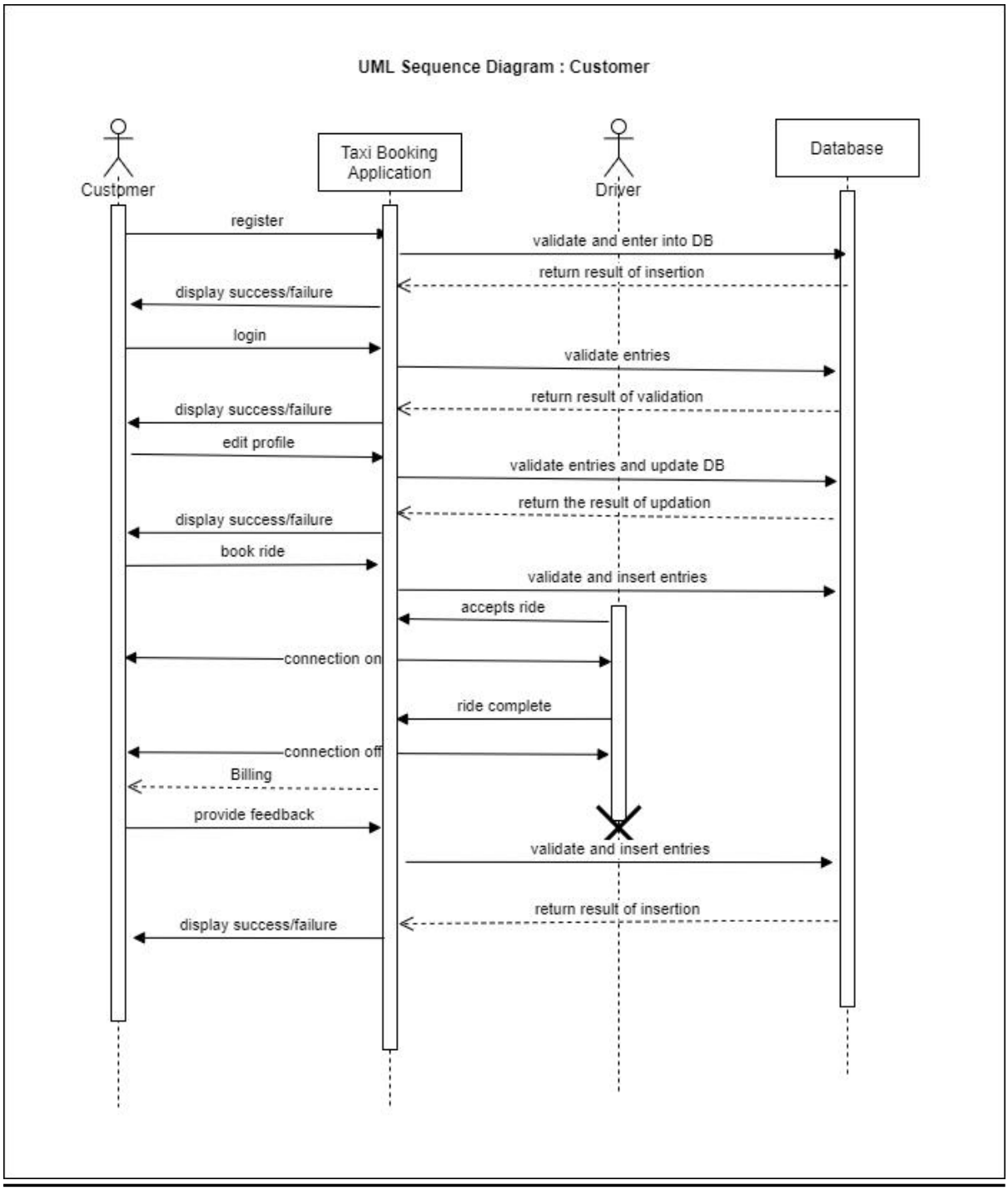
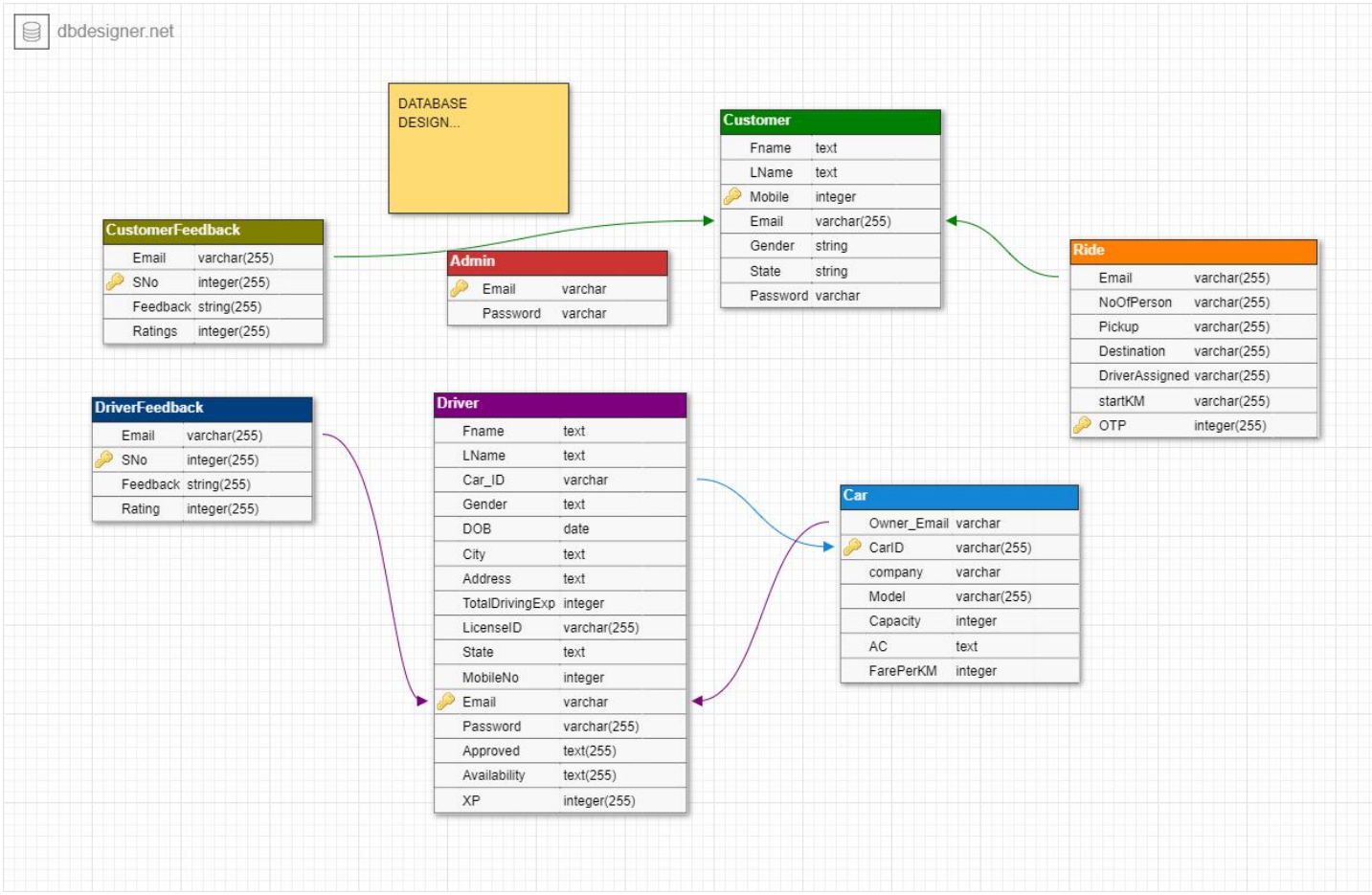
ADMIN:



DRIVER :


UML Sequence Diagram : Driver
Driver
Taxi Booking Application
Customer
Database
register
validate and enter into DB
return insertion result
display success/failure
Login
validate entry
return result of validation
display success/failure
edit profile
validate entries and update DB
returns result of updation
displays success / failure
view rides
get available rides
return available ride' details
display available rides
accept ride
chat with customer
opt for ride status
connection on
ride compete
end connection
provide feedback
validate and enter into DB
return result of insertion
display success/failure

CUSTOMER :


UML Sequence Diagram : Customer
Custpmer
Taxi Booking Application
Driver
Database
register
validate and enter into DB
return result of insertion
display success/failure
login
validate entries
return result of validation
display success/failure
edit profile
validate entries and update DB
return the result of updation
display success/failure
book ride
validate and insert entries
accepts ride
connection on
ride complete
connection off
Billing
provide feedback
validate and insert entries
return result of insertion
display success/failure

DATABASE DIAGRAM: