Fresh Grads – Group Project

Online Vehicle Rental Management

Capgemini

Problem Statement

To Create an application which provides provision for customers to book vehicle and get it delivered or collect the vehicle from the company.

Administrator can add/modify the vehicle details, approve / reject the vehicles to the customers, view vehicles, view customers, view booking requests, view details of vehicles rented and payment details.

It also keeps track of number of vehicles rented and the payment details. This application also provides status booking where the customer can see the whether their booking is accepted or rejected

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Road Map

Application will be developed in following Sprints –

1. Core Java +JPA with Hibernate
2. Spring Boot + Rest Controller + JPA with Hibernate
3. Angular for UI design (Front End) + Integration with previous Sprint

Plan

1. Design
    1. Generate the skeleton as per class design provided

2. TDD approach
    1. Identify test cases for each module
    2. Write Failing Test cases
    3. Convert the Test Cases in GREEN

3. Implement the case study in incremental manner

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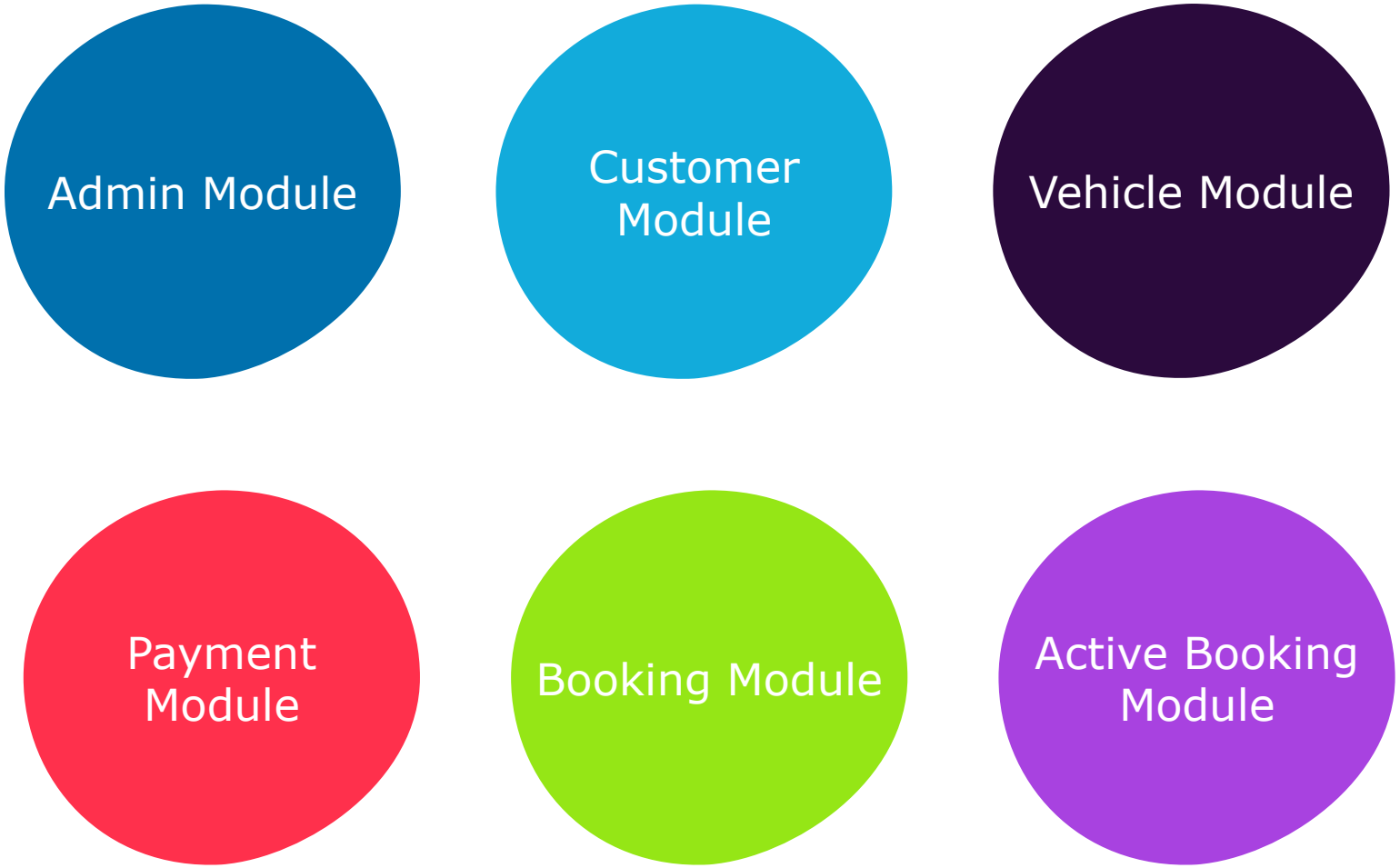
Modules



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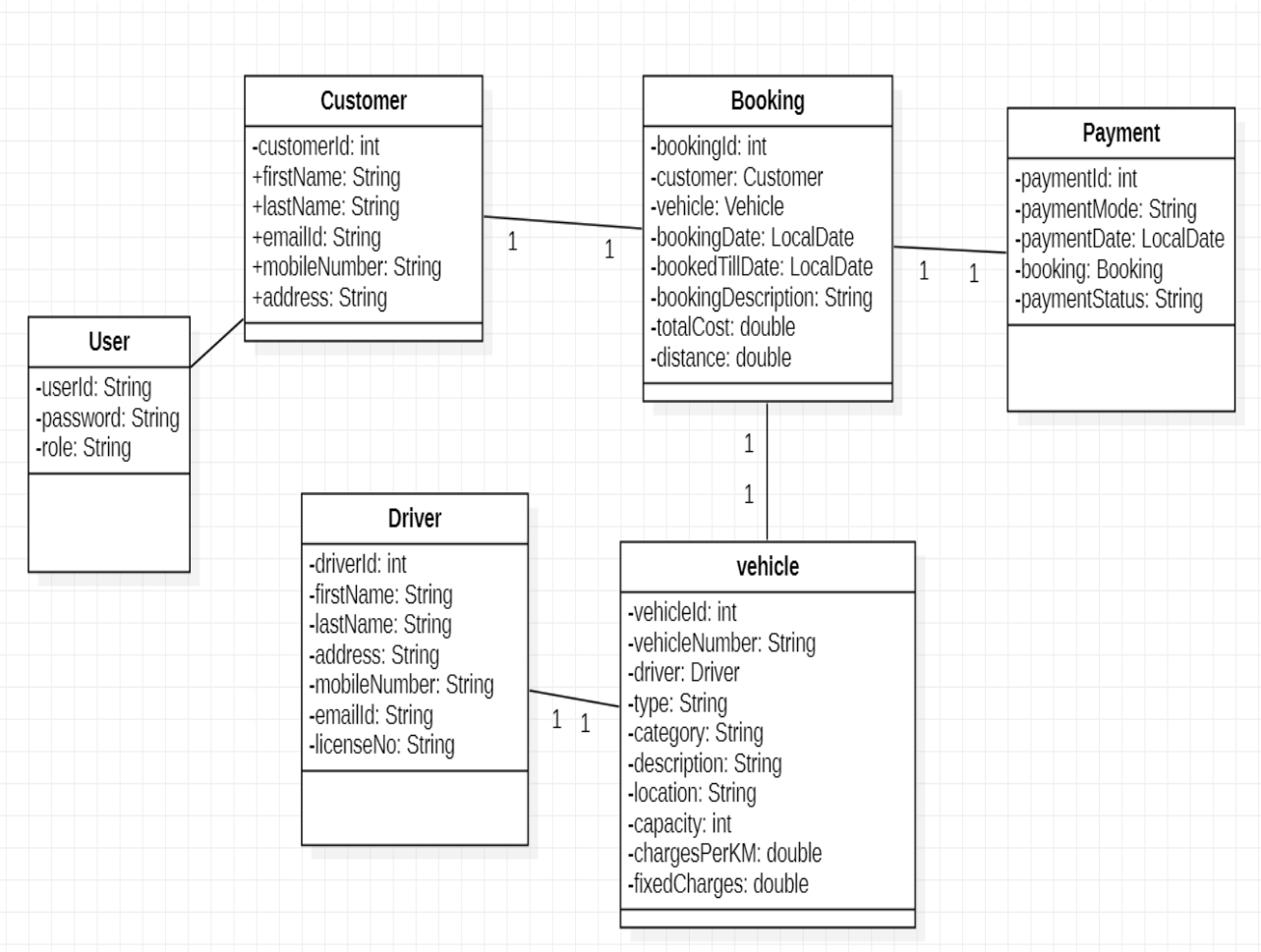
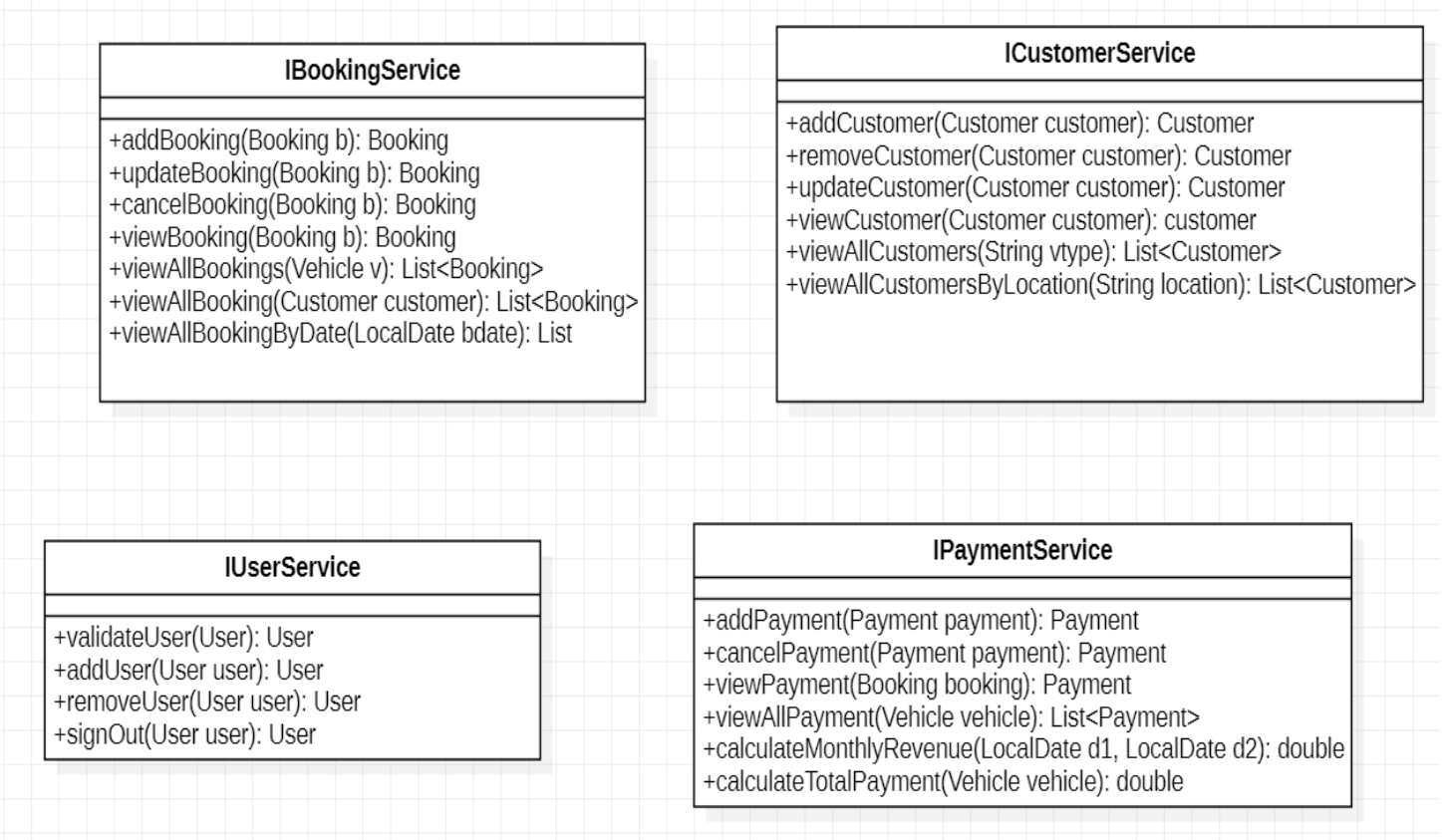
Class Design

POJO Classes:



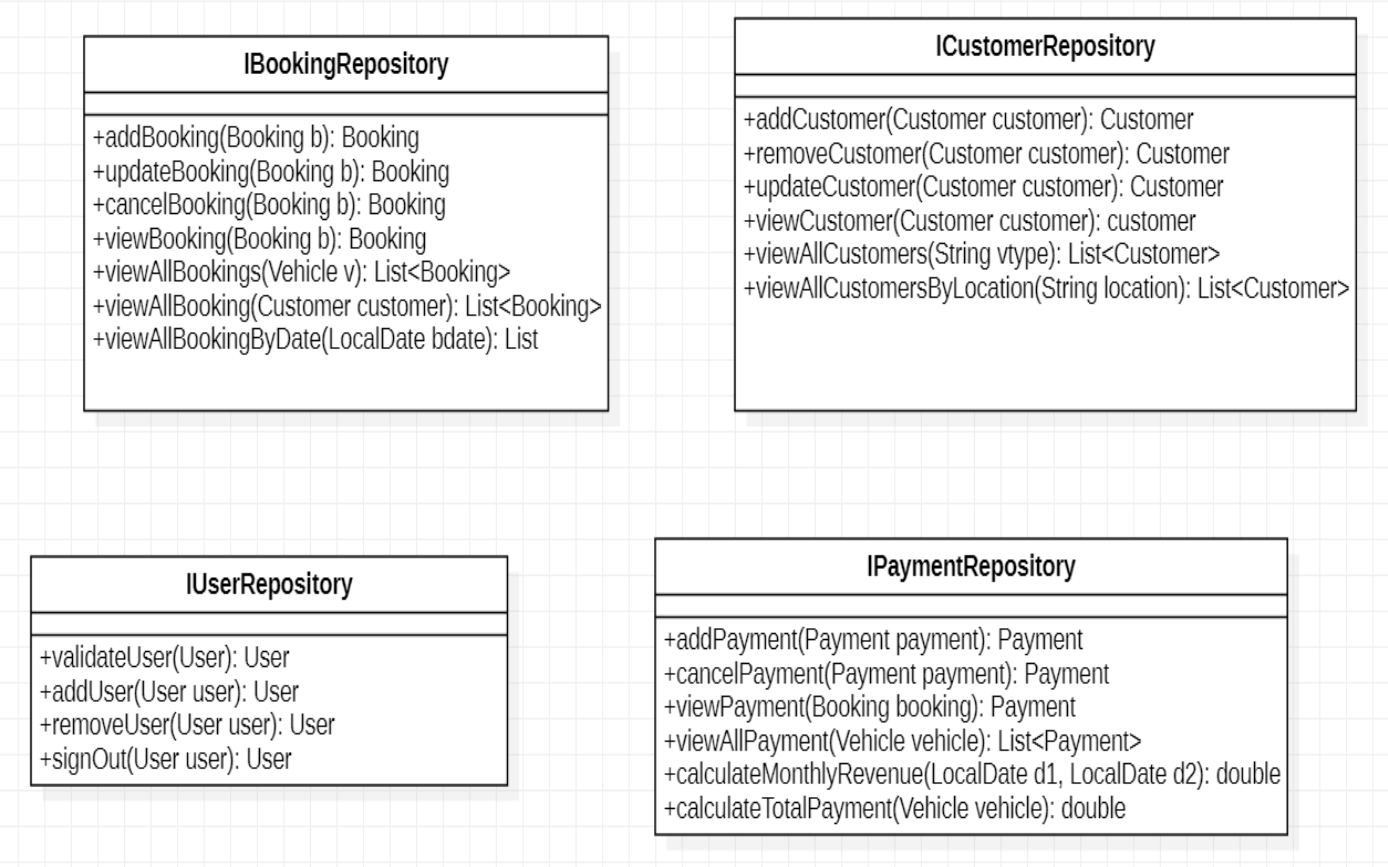
Class Design

Service Interface:



Class Design

Repository:



Questions

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People matter, results count.

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