Capstone Project
Flat Rental Application

IIHT

1 Road Map

Application will be developed in following

1. Spring Boot + Rest Controller + Spring Data Jpa

2 Problem Statement

To Create an Application for **Flat Rental System**

Customer should be able to view list of flats able to book flat.

Admin should be able to perform below operations:

- view, add and delete flats
- view, add, block and delete tenants
- view and cancel bookings
- view, block and delete landlords

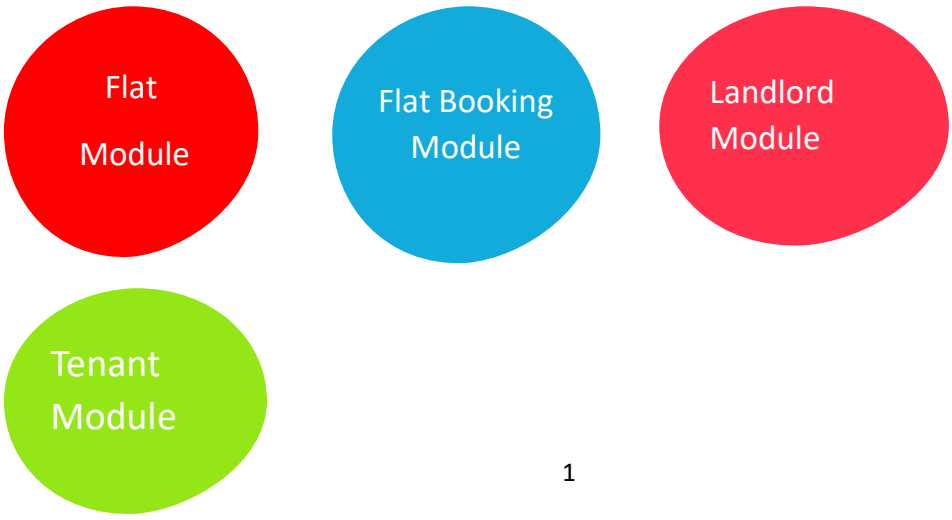
Landlord should be able to perform below operations:

- register
- Add and delete flats
- Accept and deny the bookings
- View tenant details

Tenant should be able to perform below operations:

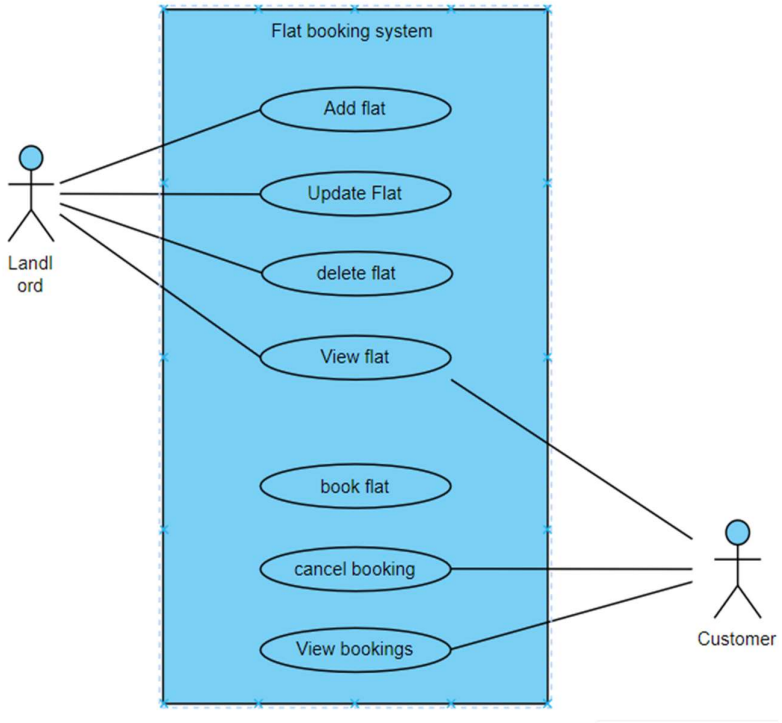
- register
- View all available flats
- Request for booking
- View booking status

3 Modules



4 USE CASE DIAGRAM

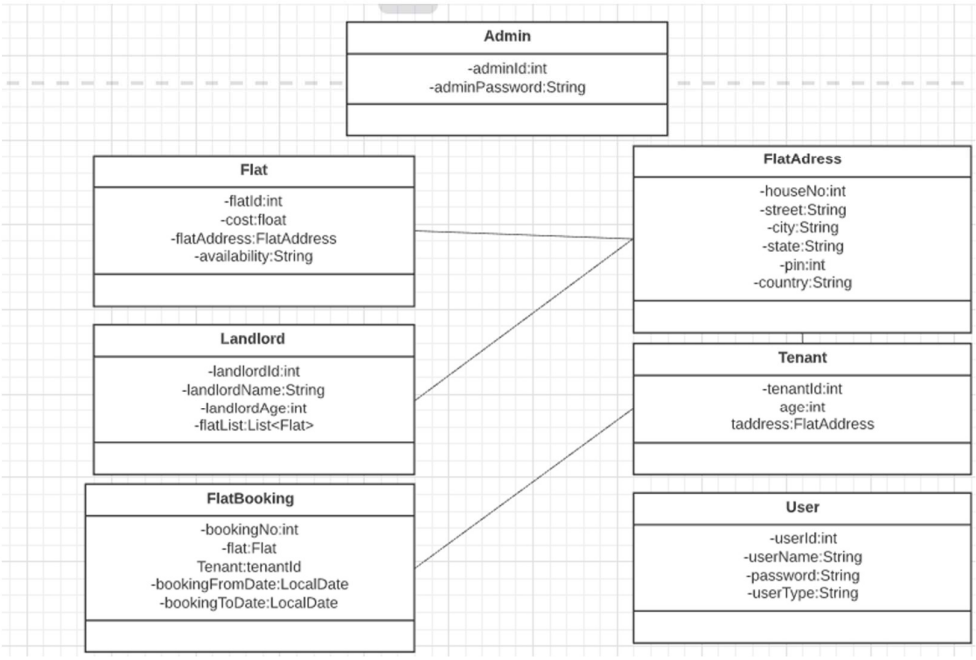
Participants have to create use case diagram based on problem statement



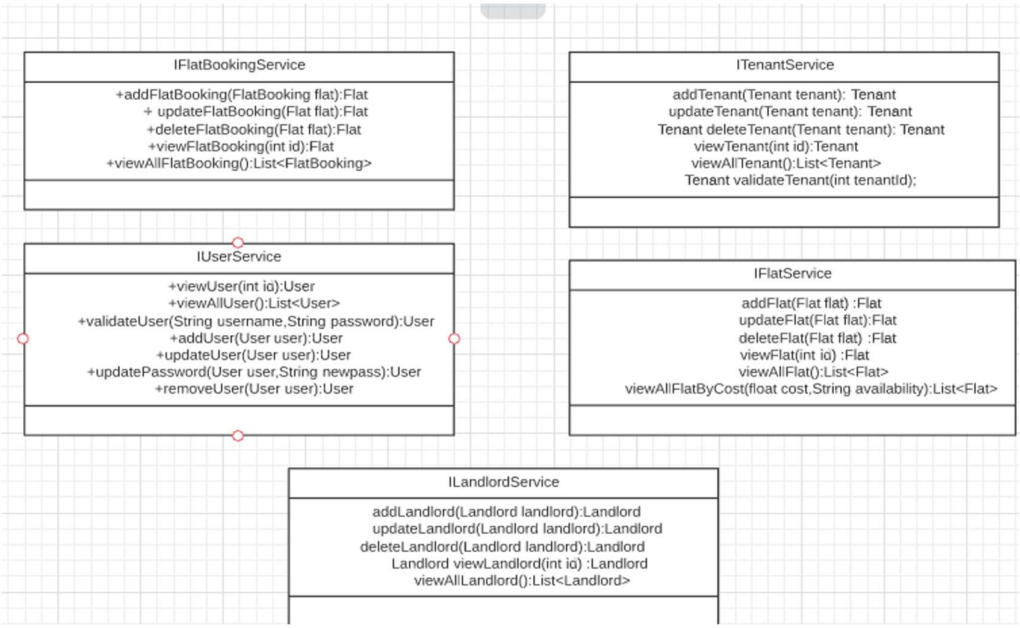
5 CLASS DIAGRAM

Class Design

POJO Classes:



Service Interface:



6 PROJECT DELIVERABLES

1. User stories based on the problem statement.
2. Use case Diagrams
3. Source code
4. Junit Testcases

Note:

You can feel free to add new features and create or update design diagrams if it is required.