Online Housing Booking System:

Group members:

Adel remawi

Amro Abu hasheesh

Baraa zain
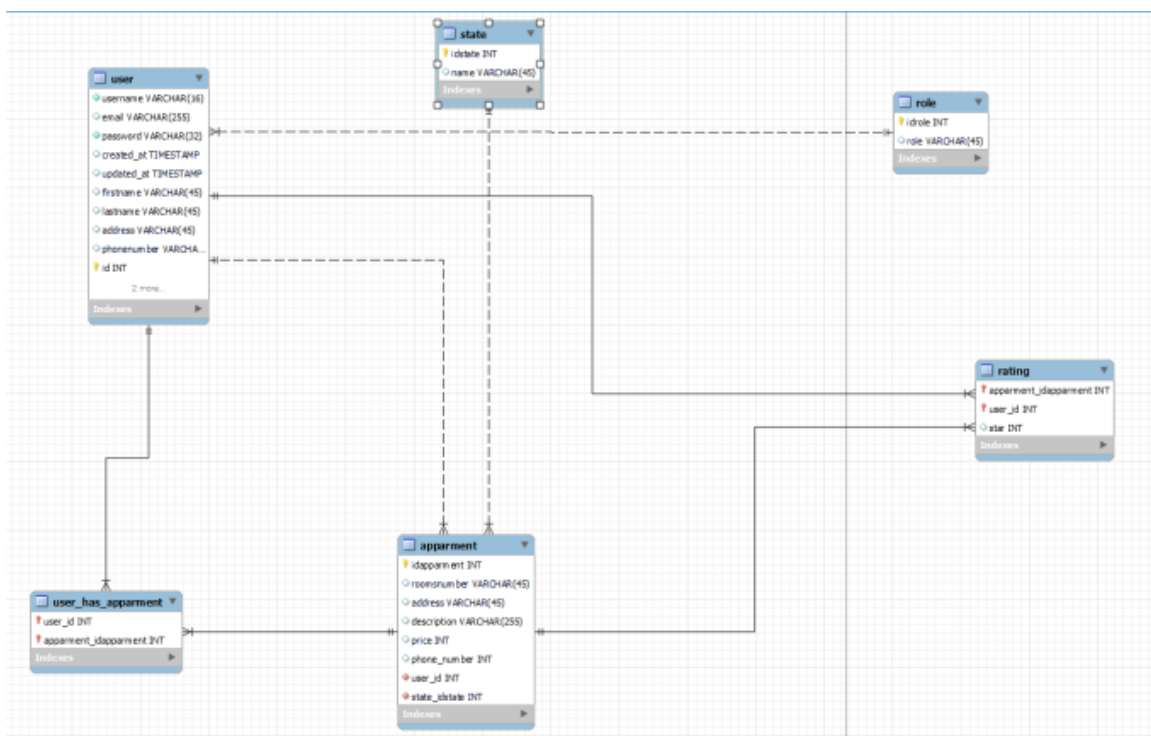
Karmel Abu yacoub

Chapter1: Abstract

This project is online housing reservation systems which allows user to book their house or room in the dorms from anywhere. This is an automated online system where the user can search the availability of house or rooms and reserve one.

Chapter2: Requirements

1) Registration route will render the registration form where user can create account.
2) Login route, user can sign in to the application by his email.
3) Validation to be applied in front end and backend for registration and login fields.
4) The user can become a host and can rent an apartment.
5) The header contains navbar (Logo, search bar, login/reg link, Help link, offer)

6) Upon visiting the home page URL, the visitor will see the Home Page of the application which contains the header and the user can search about house by typing the city name in search bar and choosing the check in date and check out and there is search button user click on it and it will redirect him to city page.

7) When the users clicks offer link in navbar , a new page appears that contains a form where the user can fill the information about the house he want to reveal.

8) Help link in navbar, will redirect user to the help page which contain help data.

9) Once you search about a specific house in search bar it will redirect you to the show of information about this house and in this page you can choose the check in/ check out date and button for checking the availability of this date

10) There will be API using for access location data .

11) Spring security will be used for provides authentication and authorization to our website.

Chapter3: ERD diagram

Chapter4: wireframe

A Web Page

← ⇨ ✗ ⌂ | https://javaProject.com/login | 🔍

┌─ login ──────────────────────────┐
│   │
│ ┌─────────┐   ┌───────────┐ │
│ │ email   │   │   │ │
│ └─────────┘   │   ☺   │ │
│ ┌─────────┐   │   │ │
│ │ password│   │   │ │
│ └─────────┘   │   │ │
│   └───────────┘ │
│ ┌─────────┐   │
│ │ login   │   │
│ └─────────┘   │
└───────────────────────────────────┘

A Web Page

← ⇨ ✗ ⌂ | https://javaproject.com/register | 🔍

┌─ Register ─────────────────────────┐
│   │
│ ┌───────────┐   ┌─────────────┐ │
│ │ username │   │   │ │
│ └───────────┘   │   ☺   │ │
│ ┌───────────┐   │   │ │
│ │ email   │   │   │ │
│ └───────────┘   │   │ │
│ ┌───────────┐   └─────────────┘ │
│ │ password │   │
│ └───────────┘   │
│ ┌──────────────┐   │
│ │ password conf│   │
│ └──────────────┘   │
│   ┌──────────┐ │
│   │ Submit   │ │
│   └──────────┘ │
└────────────────────────────────────┘

A Web Page

< ⇒ X ⌂ | https://javaproject.com/homepa | 🔍

HomePage   Offer   Help   Login/Register   🔍 search

🔍 City Name   Check in 📅   Check out 📅

Search

A Web Page

< ⇒ X ⌂ | https://javaproject.com/CityNam | 🔍

HomePage   Offer   Help   Login/Register   🔍 search

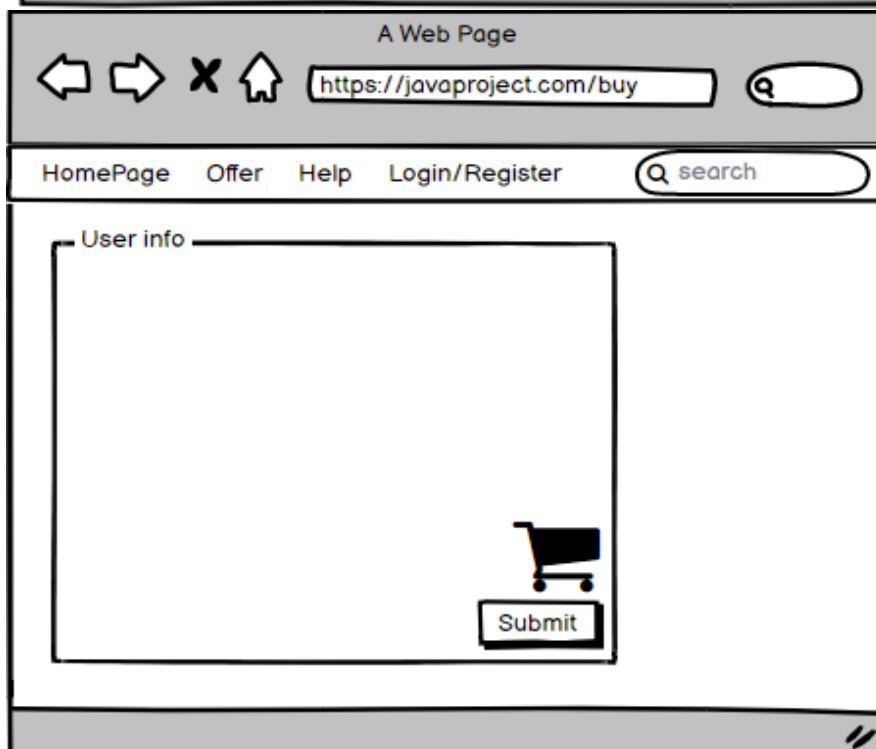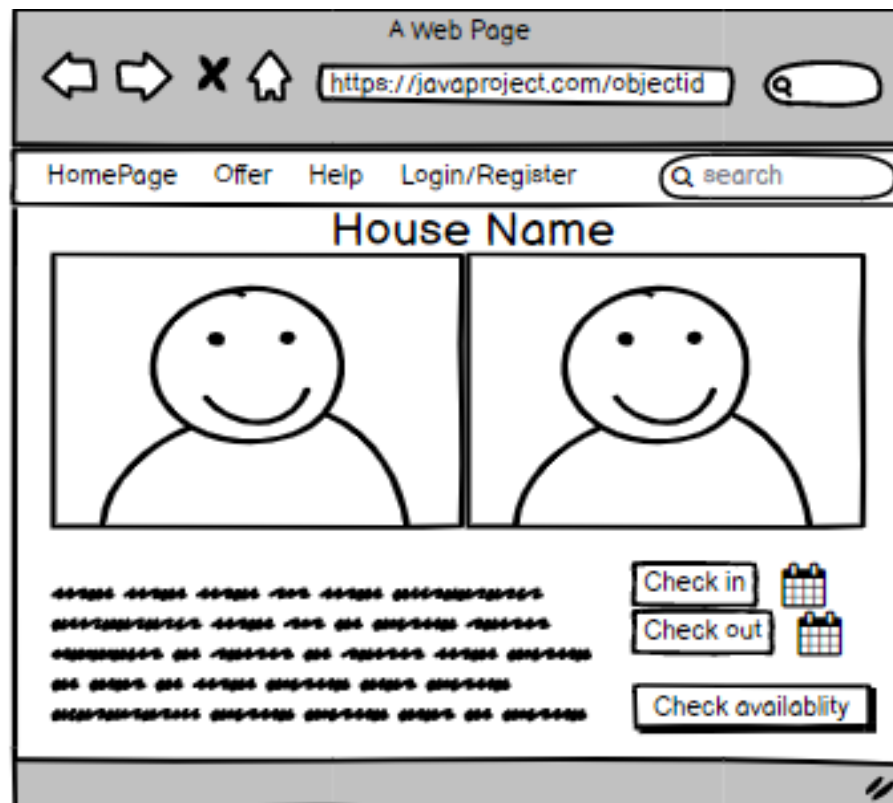filter   Price   Rating   Rooms and Beds

★ Item One Rating in starrs
♥ Item Two Rating in starrs
● Item Three Rating in starrs
   Item Four Rating in starrs
   Item Five Rating in starrs
   Item Six Rating in starrs

https://javaproject.com/objectid

HomePage   Offer   Help   Login/Register   Q search

House Name

↟↟↟↟↟ ↟↟↟↟↟ ↟↟↟↟↟ ↟↟↟ ↟↟↟↟↟ ↟↟↟↟↟↟↟↟↟↟↟↟
↟↟↟↟↟↟↟↟↟↟↟↟ ↟↟↟↟↟ ↟↟↟ ↟↟↟ ↟↟↟↟↟↟↟ ↟↟↟↟↟↟↟
↟↟↟↟↟↟↟↟↟↟ ↟↟↟ ↟↟↟↟↟↟↟ ↟↟↟ ↟↟↟↟↟↟↟ ↟↟↟↟ ↟↟↟↟↟↟↟
↟↟↟ ↟↟↟↟↟ ↟↟↟ ↟↟↟↟↟ ↟↟↟↟↟↟ ↟↟↟↟↟ ↟↟↟↟↟↟↟
↟↟↟↟↟↟↟↟↟↟↟↟ ↟↟↟↟↟↟↟ ↟↟↟↟↟↟↟ ↟↟↟↟↟ ↟↟↟ ↟↟↟↟↟↟↟

Check in 📅

Check out 📅

Check availablity

---

https://javaproject.com/buy

HomePage   Offer   Help   Login/Register   Q search

User info

Submit

https://JavaProject/Offer

HomePage   Offer   Help   Login/Register   search

Hoster Name

phone number

City

Building

Price

Description

Upload-Photo

https://JavaProject

How do I create an account?

Booking a trip: What to do if you're new

Find the cancellation policy for your stay