

# Apartment Rater

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Our Github Link-

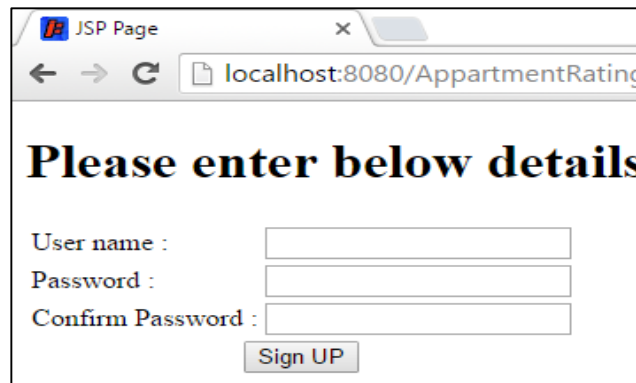
<https://github.com/01akanksha/AppartmentRater>

# Problem-

- When finding the Apartments we have to go to the sites of each apartment and check and compare all the available facilities.
- So we are showing area wise all the apartments and the available facilities.
- The viewer can compare, rate and book(hold) the apartment and can pay after viewing it actually.
- We did Pair Programming and we are using access database and Java REST API (Servlets and jsp) to host the application we have used the GlassFish.
- And we have used the MIT license.

# What our web app do?

- It is having an option to create an account and then login.



JSP Page

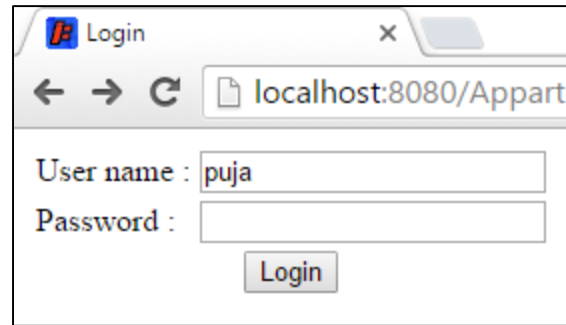
localhost:8080/AppartmentRating

**Please enter below details**

User name :

Password :

Confirm Password :



Login

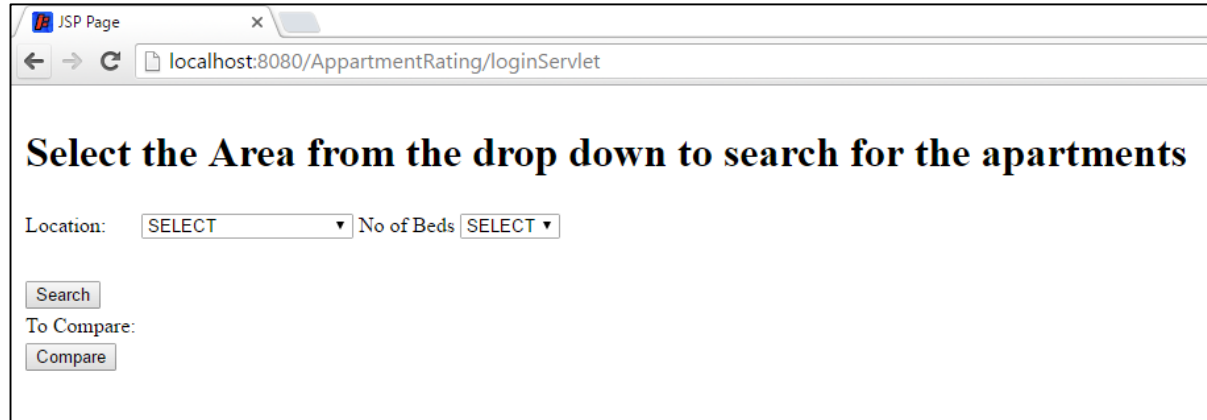
localhost:8080/Appartm

User name :

Password :

- Once we have logged in we can either search all the apartments of the particular area and the bed number we are interested in or compare apartments of that area.

# What our web app do? (Continue..)



The screenshot shows a web browser window with a single tab titled "JSP Page". The address bar displays "localhost:8080/AppartmentRating/loginServlet". The main content area of the page contains the following elements:

- A heading: **Select the Area from the drop down to search for the apartments**
- Form fields: "Location:" followed by a dropdown menu showing "SELECT", and "No of Beds" followed by a dropdown menu showing "SELECT".
- A "Search" button.
- A label "To Compare:".
- A "Compare" button.

If we search we will get the all the details of that area and if we compare it will show us the multi select dropdown to select and display details only of the ones we ant to compare.

# What our web app do? (Continue..)

## Search

[Forest green](#)
[Book Rate](#)

cityStateOrCode:Beaverton,or 97008

bath:1

area:607

patio:Yes

pool:Yes

rent:850

gym:Yes

washerDryer:Yes

dishWasher:Yes

review:good

garageParking:Yes

catRent:Yes

dogRent:Yes

additionalStorage:Yes

barbeque:No

park:No

firePlace:Yes

leaseLength:short

microwave:Yes

onsiteMaintenance:No

onlineMaintenance:No

highSpeedInternet:Yes

onlinePayment:No

clubHouse:Yes

lounge:No

airConditioning:No

heaters:No

windowCovering:Yes

flooringcarpet

contact19717081463

highSpeedInternet:Yes

vaccancies1

[Forest green](#)
[Book Rate](#)

cityStateOrCode:Beaverton,or 97008

bath:1

area:673

patio:Yes

pool:Yes

rent:865

gym:Yes

washerDryer:Yes

dishWasher:Yes

review:good

garageParking:Yes

catRent:Yes

dogRent:Yes

additionalStorage:Yes

barbeque:No

park:No

firePlace:Yes

leaseLength:short

microwave:Yes

onsiteMaintenance:No

onlineMaintenance:No

highSpeedInternet:Yes

onlinePayment:No

clubHouse:Yes

lounge:No

airConditioning:No

heaters:No

windowCovering:Yes

flooringcarpet

contact19717081463

highSpeedInternet:Yes

vaccancies2

[Forest green](#)
[Book Rate](#)

cityStateOrCode:Beaverton,or 97008

bath:1

area:685

patio:Yes

pool:Yes

rent:875

gym:Yes

washerDryer:Yes

dishWasher:Yes

review:good

garageParking:Yes

catRent:Yes

dogRent:Yes

additionalStorage:Yes

barbeque:No

park:No

firePlace:Yes

leaseLength:short

microwave:Yes

onsiteMaintenance:No

onlineMaintenance:No

highSpeedInternet:Yes

onlinePayment:No

clubHouse:Yes

lounge:No

airConditioning:No

heaters:No

windowCovering:Yes

flooringcarpet

contact19717081463

highSpeedInternet:Yes

vaccancies3

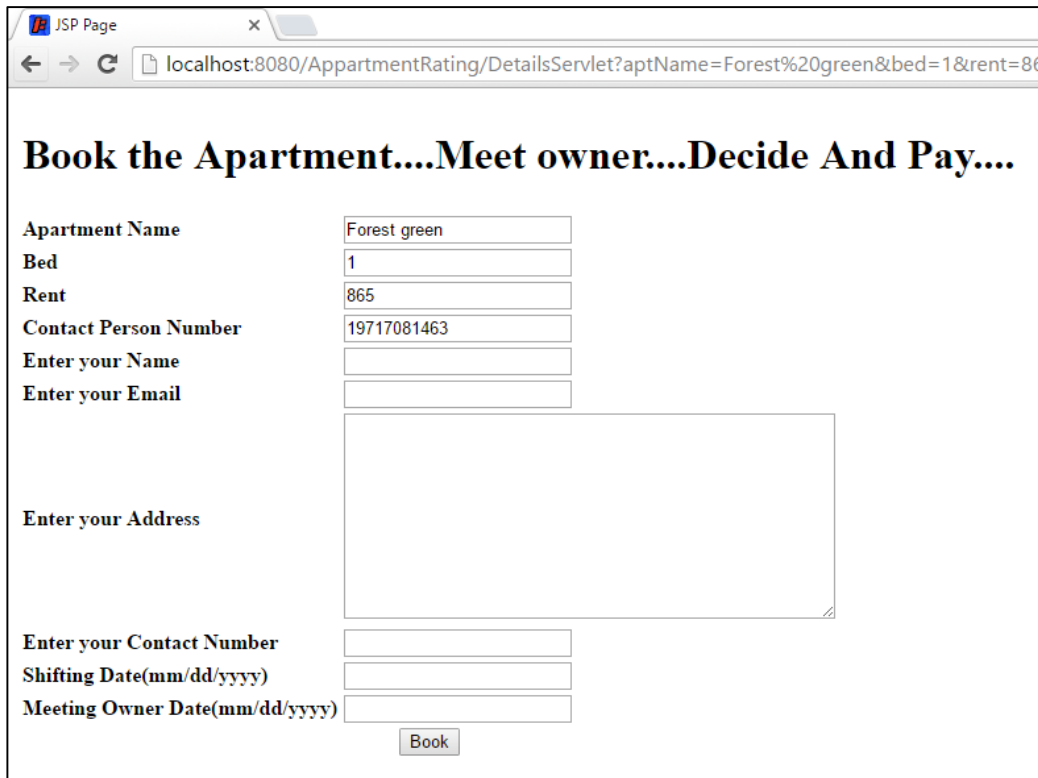
Compare(display after selection in the similar way as search)

Select 2 to compare

Forest green,5	Look
Forest green,6	
Forest green,7	
Forest green,8	

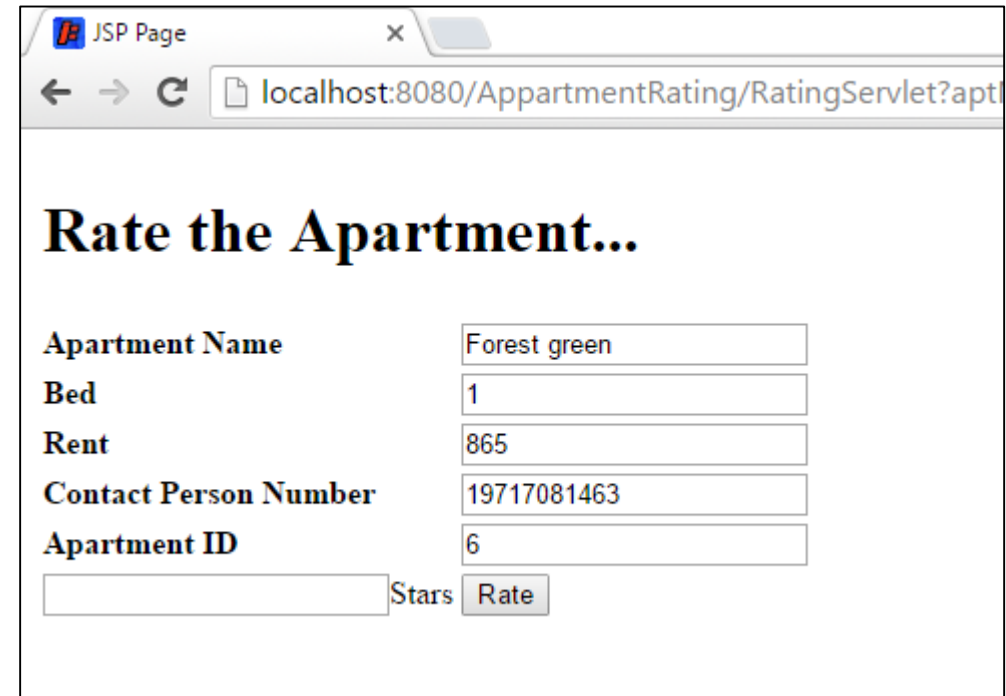
# What our web app do? (Continue..)

**We can either book from both search and compare page**



A screenshot of a web browser window showing a JSP page titled "Book the Apartment....Meet owner....Decide And Pay....". The browser's address bar shows the URL: localhost:8080/AppartmentRating/DetailsServlet?aptName=Forest%20green&bed=1&rent=865. The form contains several input fields: "Apartment Name" (Forest green), "Bed" (1), "Rent" (865), "Contact Person Number" (19717081463), "Enter your Name", "Enter your Email", "Enter your Address" (a large text area), "Enter your Contact Number", "Shifting Date(mm/dd/yyyy)", and "Meeting Owner Date(mm/dd/yyyy)". A "Book" button is located at the bottom right of the form.

**Or rate the apartment**



A screenshot of a web browser window showing a JSP page titled "Rate the Apartment...". The browser's address bar shows the URL: localhost:8080/AppartmentRating/RatingServlet?aptName=Forest%20green&bed=1&rent=865. The form contains several input fields: "Apartment Name" (Forest green), "Bed" (1), "Rent" (865), "Contact Person Number" (19717081463), and "Apartment ID" (6). Below these fields is a "Stars" input field and a "Rate" button.

# What our web app do? (Continue..)

- Also we can logout from any of the page
- User can do multiple Booking(Hold).

# Issues we faced and Learnings-

- As we were doing this for the first time we were unaware of the fact that jdbc bridge is no more supported in java 8, So we have struggled a lot with the database connectivity .
- Then to resolve it we have used ucan access drivers(open source) to connect.
- The Email sending on booking.
- We have learned how Rest API works,github,OpenSource.



# Future Additions

- We have to add the email feature when the booking is done
- Need to improve the UI
- Need to improve the Rating logic
- Enhance the database with more areas and switch from Access to any other database tool.
- And Once webApp is done we would like to convert it to the Mobile App.

# Thanku

Our Github Link-

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