

# Apartment Rater

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Our Github Link-

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

# Copy right information

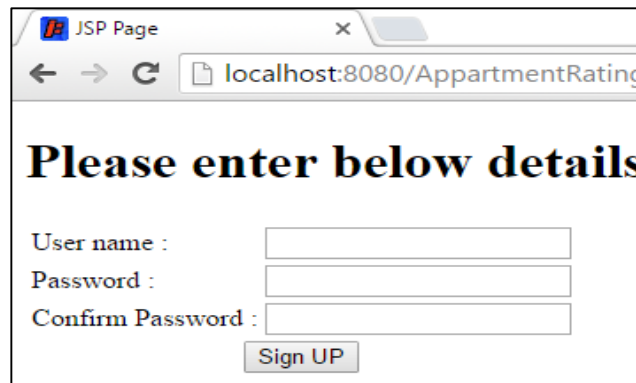
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- # for license terms

# 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

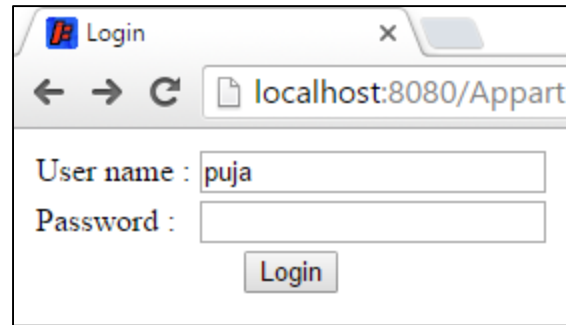
localhost:8080/AppartmentRating

**Please enter below details**

User name :

Password :

Confirm Password :



Login

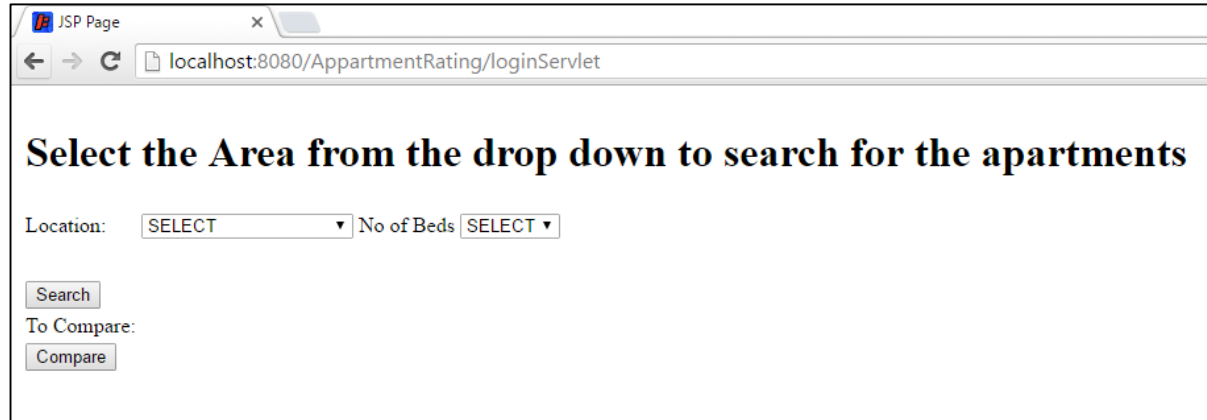
localhost:8080/Appartm

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

Below are Details you have searched for- [logout](#)

<a href="#">Forest green</a> <a href="#">Book Rate</a>							
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	flooring:carpet	contact:19717081463	highSpeedInternet:Yes	vaccancies:1

<a href="#">Forest green</a> <a href="#">Book Rate</a>							
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	flooring:carpet	contact:19717081463	highSpeedInternet:Yes	vaccancies:2

<a href="#">Forest green</a> <a href="#">Book Rate</a>							
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	flooring:carpet	contact:19717081463	highSpeedInternet:Yes	vaccancies:3

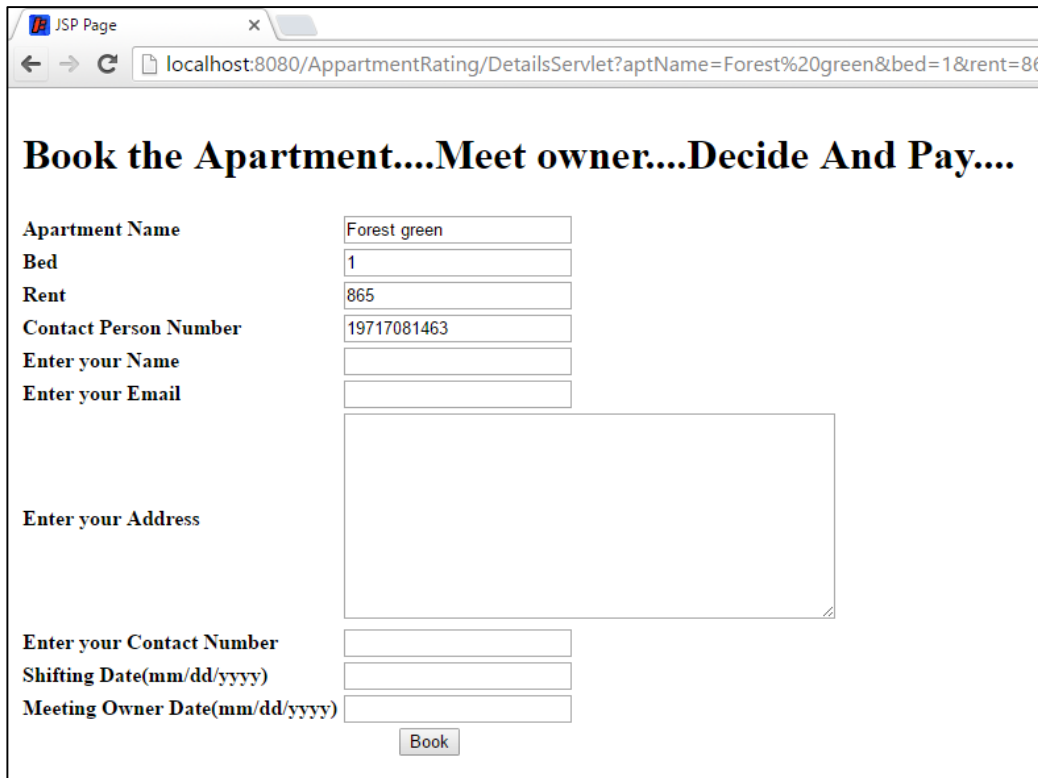
Compare(display after selection in the similar way as search)

Select 2 to compare

Forest green,5	<input type="button" value="Look"/>
Forest green,6	
Forest green,7	
Forest green,8	

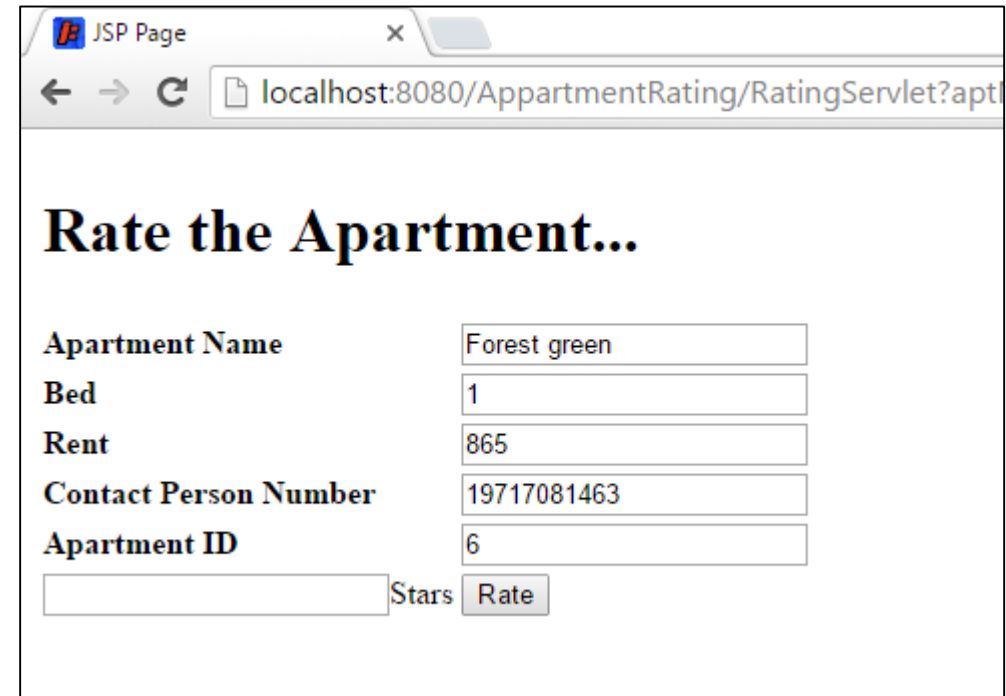
# What our web app do? (Continue..)

**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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