

Team Members:

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BCA Sem 6

Division-"B"

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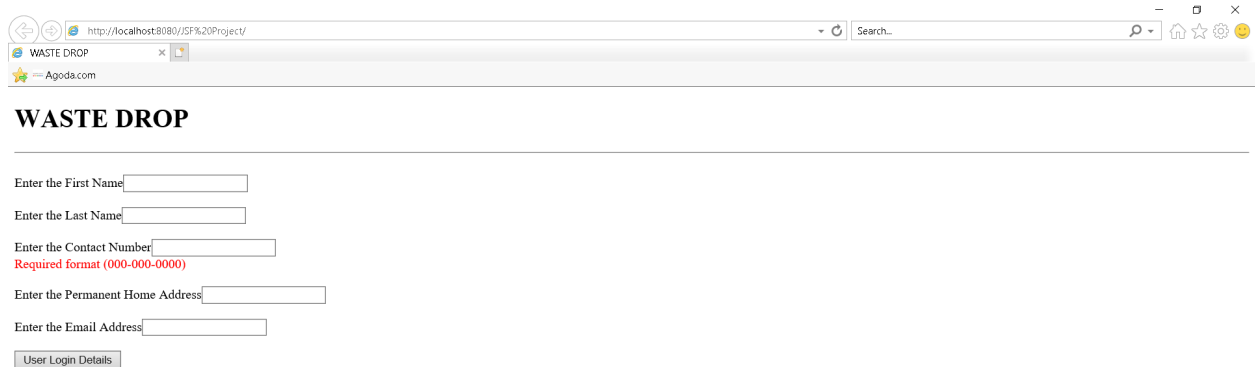
BCA Sem 6

Division-"A"

PRN - 18030121054

Java JSF Project

Topic- Smart Waste Management System



WASTE DROP

Enter the First Name

Enter the Last Name

Enter the Contact Number
Required format (000-000-0000)

Enter the Permanent Home Address

Enter the Email Address

Figure: 1

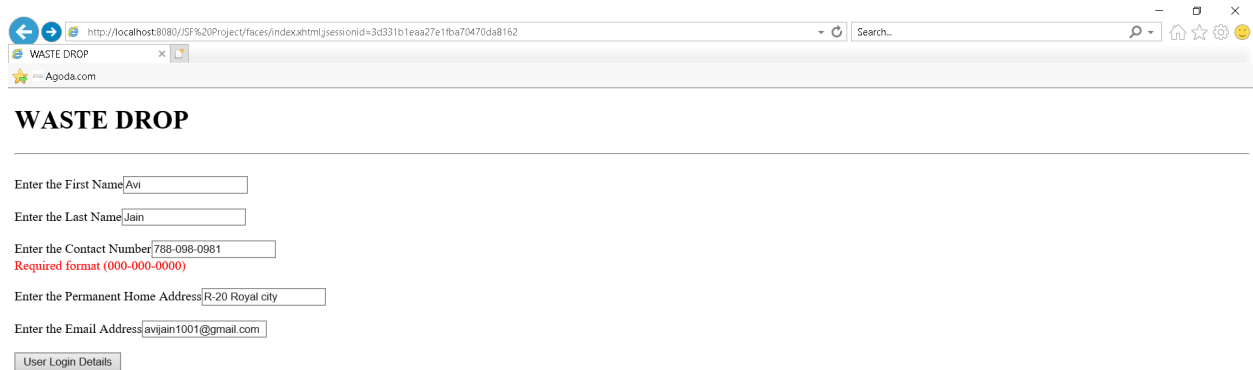
Figure 1 and 2

Brief-

This is the intro page where the user would sign up with his details and log into a smart waste management platform.

Technical aspect -

All the text boxes are XHTML form input tags that are connected via JSF's managed beans over to a java file where the inputs are validated and allows to get to the next page only when the validation succeeds. The Phone Number and Email validation is done by using regular expression.



The screenshot shows a web browser window with the URL `http://localhost:8080/JSF%20Project/faces/index.xhtml?_afPfm=3d331b1eaa27e1fba70470ds8162`. The page title is "WASTE DROP" and the browser's address bar shows "Agoda.com". The form contains the following fields and labels:

- Enter the First Name:
- Enter the Last Name:
- Enter the Contact Number:
Required format (000-000-0000)
- Enter the Permanent Home Address:
- Enter the Email Address:

At the bottom of the form is a button labeled "User Login Details".

Figure: 2



The screenshot shows a web browser window with the URL `http://localhost:8080/JSF%20Project/faces/index.xhtml`. The page title is "TODO supply a title" and the browser's address bar shows "Agoda.com". The page displays the user's entered details in a list format:

- Full Name:**
Avi Jain
- Permanent Address:**
R-20 Royal city
- Phone Number:**
788-098-0981
- Email Address:**
avijain1001@gmail.com

At the bottom of the page is a button labeled "Schedule New Pickup".

Figure:3

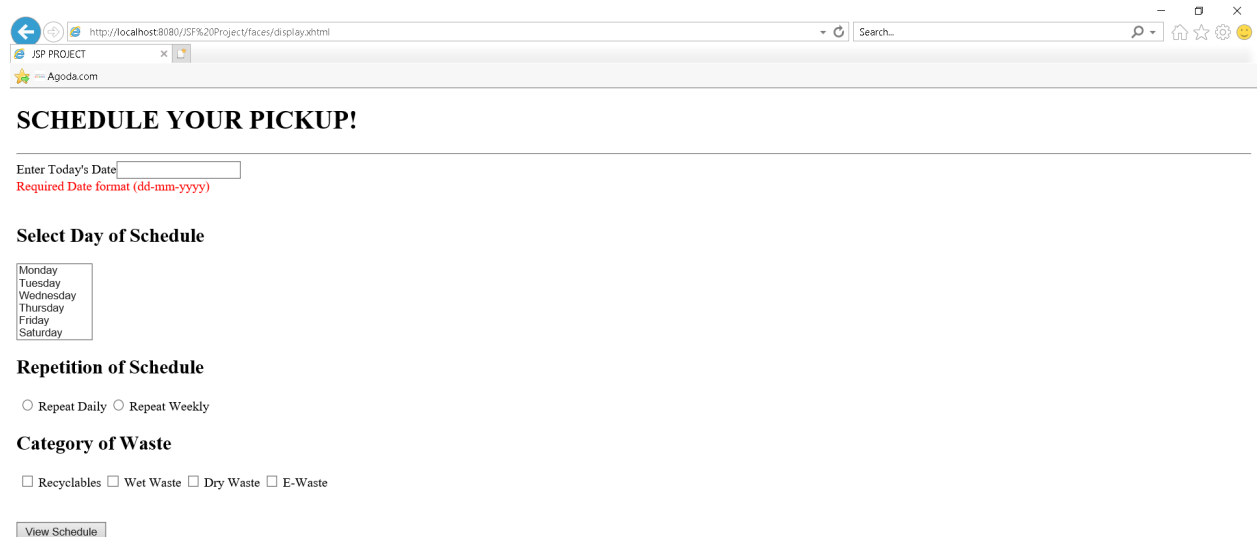
Figure 3

Brief -

This page displays the details that the user entered.

Technical Aspect -

This XHTML page uses the expression language for getting the result stored in specific variables that were used for previous page from the same java file, and simply prints them in a well arranged manner.



The screenshot shows a web browser window with the address bar displaying `http://localhost:8080/JSP%20Project/faces/display.xhtml`. The page title is "JSP PROJECT" and the browser's address bar shows "Agoda.com". The main heading of the page is "SCHEDULE YOUR PICKUP!". Below the heading, there is a form with the following sections:

- Enter Today's Date:** A text input field with a red error message below it: "Required Date format (dd-mm-yyyy)".
- Select Day of Schedule:** A dropdown menu showing the days of the week: Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday.
- Repetition of Schedule:** Two radio buttons: "Repeat Daily" and "Repeat Weekly".
- Category of Waste:** Four checkboxes: "Recyclables", "Wet Waste", "Dry Waste", and "E-Waste".
- View Schedule:** A button labeled "View Schedule".

Figure:4

Figure: 4 and 5

Brief-

Here is the main functionality of our website. The user schedules a pickup for his waste to be picked.

Technical Aspect-

This is the XHTML Form page which connects to another java page where the details for the pickup are recorded. There is a grouped set of Radio Buttons and four types of waste in check boxes to select from and a drop down list for selection of a day in the week.

SCHEDULE YOUR PICKUP!

Enter Today's Date: 22-05-2021
Required Date format (dd-mm-yyyy)

Select Day of Schedule

Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

Repetition of Schedule

☒ Repeat Daily ☐ Repeat Weekly

Category of Waste

☐ Recyclables ☒ Wet Waste ☐ Dry Waste ☒ E-Waste

Figure: 5

CONFIRMED PICKUP!

Today's Date : 22 Jan, 2021

Alloted Pickup Time : 12:05:00 AM

Selected Day: Wednesday

Schedule Repetition Cycle: DAILY

Category of Waste: Wet Waste..... Category of Waste: E-Waste.....

Figure: 6

Figure: 6

Brief-

The Pickup information entered is shown here on this page as a confirmation along with allotted pickup time.

Technical Aspect-

This is another XHTML page that displays the details entered on the previous page using JSF Managed Beans java file. Also, a random time is generated and displayed as a pickup time for the user to adhere to.



Figure: 7

Figure: 7

Brief-

This page shows the driver details who will come to collect the waste.

Technical Aspect-

Another XHTML page with a hard coded Driver detail. With the button that takes you to the final feedback page.



Figure: 8

Figure: 8 and 9 and 10

Brief-

This is where the user would be able to tell how he liked the experience on our website so that we can improve further.

Technical Aspect-

This XHTML Page contains 5 grouped radio buttons to get one input of star rating along with some written textual feedback. The XHTML Page from Figure 10 is just the print of the inputs from Figure 9.

feedback

http://localhost:8080/JSP%20Project/faces/driver.xhtml

Search...

Agoda.com

Your Feedback Is Very Valuable To Us

Select Our Service on a Scale of One to Five

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☒ 5

Write something so that we can improve(Write NA if everything is fine as per you)

Show Feedback

Figure: 9

Thanks for your feedback

http://localhost:8080/JSP%20Project/faces/show_feedback.xhtml

Search...

Agoda.com

FEEDBACK!

Ratings given: Excellent -- 5 STARS
Your Suggestions for us: NA

THANK YOU

Figure: 10

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