****

**APPLICATION BASED PROJECT**

**LOOP PROJECT**

**FOOD ORDERING SYSTEM**

**-Vallari Rajurkar**

**-Vaishnavi Madhekar**

**-Aditi Joshi**

**-Anaya Tulpule**

**CONTENTS**

**TOPIC:-FOOD DELIVERY SYSTEM**

1. Problem Statement

2. Features

3. Data Structure used

4. Database Handling

5. Software’s used

6. GUI used

7. Programming Language used

8. Task accomplished by each file

9. Bibliography

10. Sample Output

**PROBLEM STATEMENT**

To create a Food ordering system for creating an interface between Tiffin providers and customers.

**Objective**:

A simple portal for easy communication between providers and customers.

**FEATURES**

* Login and register page
* Maintaining database of customer and provider
* Accepting and easy Editing of Menu and Orders
* Easy and User-friendly Dashboard
* Customer feedback portal

**DATA STRUCTURE USED**

We have used Priority Queue to display the provider list according to the ratings given by the customers.

**DATABASE HANDLING**

* Customer and provider information is maintained using MySQL.
* JDBC used to connect Java and MySQL.
* Apache Tomcat Local Server is used for establishing connection with JSP servlets.

**SOFTWARE’S USED**

1. MYSQL SOFTWARE
2. TOMCAT APACHE
3. ECLIPSE MARS

**GUI USED**

* HTML
* CSS
* Java Script

**PROGRAMMING LANGUAGE USED**

* Java
* SQL

**TASKS ACCOMPLISHED BY EACH FILE**

* **Index.html:** Select the interface for Customer or Provider

**PROVIDER INTERFACE:**

* **Login.jsp:** Login page for Provider
* **Logincheck.jsp:** Checking for validity of Login details of Provider in SQL table.
* **Reg.jsp:** Register Page for new Provider
* **Regcheck.jsp:** Inserting registration details of provider in SQL.
* **Aed.jsp:** Menu containing add, edit, display and pending orders options.
* **Menu\_new.jsp: A**dding the menu for a particular week in html table.
* **Menu\_newcheck.jsp: A**dding the menu for a particular week in SQL table redirecting to aed.jsp.
* **Menucheck.jsp:** Check if Menu for the entire week is entered.
* **Provcost.jsp:** Input the cost of Single tiffin and Monthly Tiffin.
* **Provcostcheck.jsp:** Add the cost of tiffins to SQL table
* **Menuedit.jsp:** Edit a particular row in the Menu.
* **Menueditcheck.jsp:** Make changes to SQL table (menu).
* **Menu.jsp:** Display the menu of the particular provider.
* **Order.jsp:** Display the pending orders of the provider.
* **Ordercheck.jsp:** Delete the prepared orders from SQL table.

**CUSTOMER INTERFACE**

* **Logincust.jsp:** Login page for Customer.
* **Logincustcheck.jsp:** Checking for validity of Login details of Customer in SQL table.
* **Regcust.jsp:** Register Page for new Customer.
* **Regcustcheck.jsp:** Inserting registration details of customer in SQL.
* **Displayprovider.jsp:** Display the list of providers according to their ratings. Accept the provider number, customer wants to order from.
* **Displayprovidercheck.jsp:** The selected pno is passed to the quantity.jsp page.
* **Quantity.jsp:** Accepting type of Tiffin and quantity.
* **Quantitycheck.jsp:** The selected type and quantity is passed to the bill.jsp page.
* **Bill.jsp:** Displays the bill and accepts the rating. Options to place another order or logout.
* **Rating.jsp:** Updating the rating in SQL table.

**CSS Files**

* Style1.css: CSS file for register page.
* Style2.css: CSS file for login page.
* Style3.css: CSS file for index page.

**BIBLIOGRAPHY**

**Websites**

**1.SQL**

1. <https://www.tutorialspoint.com/sql/index.htm>
2. <https://www.w3schools.com/sql/>

**2.JDBC**

1. <http://tutorials.jenkov.com/jdbc/index.html>
2. <https://www.javatpoint.com/java-jdbc>

**3. HTML & CSS**

1. <https://www.w3schools.com/html/html_css.asp>
2. <https://www.tutorialrepublic.com/css-tutorial/css-get-started.php>

**4. JAVASCRIPT**

1. https://www.w3schools.com/js/

**SAMPLE OUTPUT**

**Following is the link of our project demo video:**

<https://drive.google.com/open?id=1V1vrPqaNbOWl9pj2r_SJJ2cukD0gB0yB>