



DATABASE MANAGEMENT
SYSTEM

FOOD ORDER SYSTEM



MADE BY MUHAMMAD AMMAR

TABLE OF CONTENTS

01

Introduction of
the Project

02

SQL Query used
for each operation

03

Plan of work

04

Project
scheduling

05

SQL operations
used in project

06

ER Diagram

07

Tables and
constraints

08

User Guide

09

Conclusion

INTRODUCTION OF THE PROJECT

In this project we created food order system using sql Server For Database And Java as Programming Language. In this customer can register and then login into System.

Then user can select items from homepage then those items will add to cart. On cart page user can remove or clear cart.

Then user can generate bill from that page and invoice will be generated at check out page.

TOOLS USED

- SQL Server.
- Java.
- Swing Library.
- JDBC driver.
- Java J-Form.
- Custom Jar Files.

SQL QUERIES IN PROJECT

QUERIES USED

- Insert.
- Creating and deleting tables.
- Delete.
- Select.
- Triggers.
- Create Views.
- SQL Functions.
- User Defined Functions.
- Join Command.

Insert:

This query is used while selecting items from homepage.

Insert into Table(Parameters)
values

Creating and deleting tables:

This query is used while creating and deleting table for data of each user.

```
create table table_userid  
delete from table_userid
```

SQL QUERIES/OPERATIONS

QUERIES USED

Delete:

This query is used while deleting items from cart Page.

```
delete from table_userid where items='item name'
```

Select:

This query is used while getting data from database in almost every page.

```
select column_name from table_name
```

Triggers:

This query is used while checking authenticated user.

SQL QUERIES IN PROJECT

QUERIES USED

Create Views:

This query is used while restricting only columns for specific user.

```
create view view_name as  
select column_name from table_name
```

SQL Functions:

This query is used for getting sum and count of items and price data.

```
select Sum(price) from table_name
```

```
select count(price) from table_name
```

User Defined Functions:

This query is used while calculating total amount and generating GST tax from total price.

SQL QUERIES IN PROJECT

QUERIES USED

User Defined Functions:

Create Function Function_name(@var datatype)

RETURNS

VARCHAR(50)

AS BEGIN

RETURN

(SELECT Sum(price)*25/100 FROM table_1234)

END

Join Command:

This query is used for combining two columns.

Select * From table1 CrossJoin table2

PLAN OF WORK

In this project First we connect SQL server by java to test the connectivity of SQL Server and check data transfer.

For That we installed 2012 Sql Server because Java Does not Support TLS v1.0, In newer versions of Sql Can not Connect Java.

After connection we simply run queries and get data in array list for login user

After getting data into array list we convert that array list into array and update that data to GUI.

PROJECT SCHEDULING

This Project is done in almost one month.

Week 1:

Done In Connectivity And Transfer Of Data.

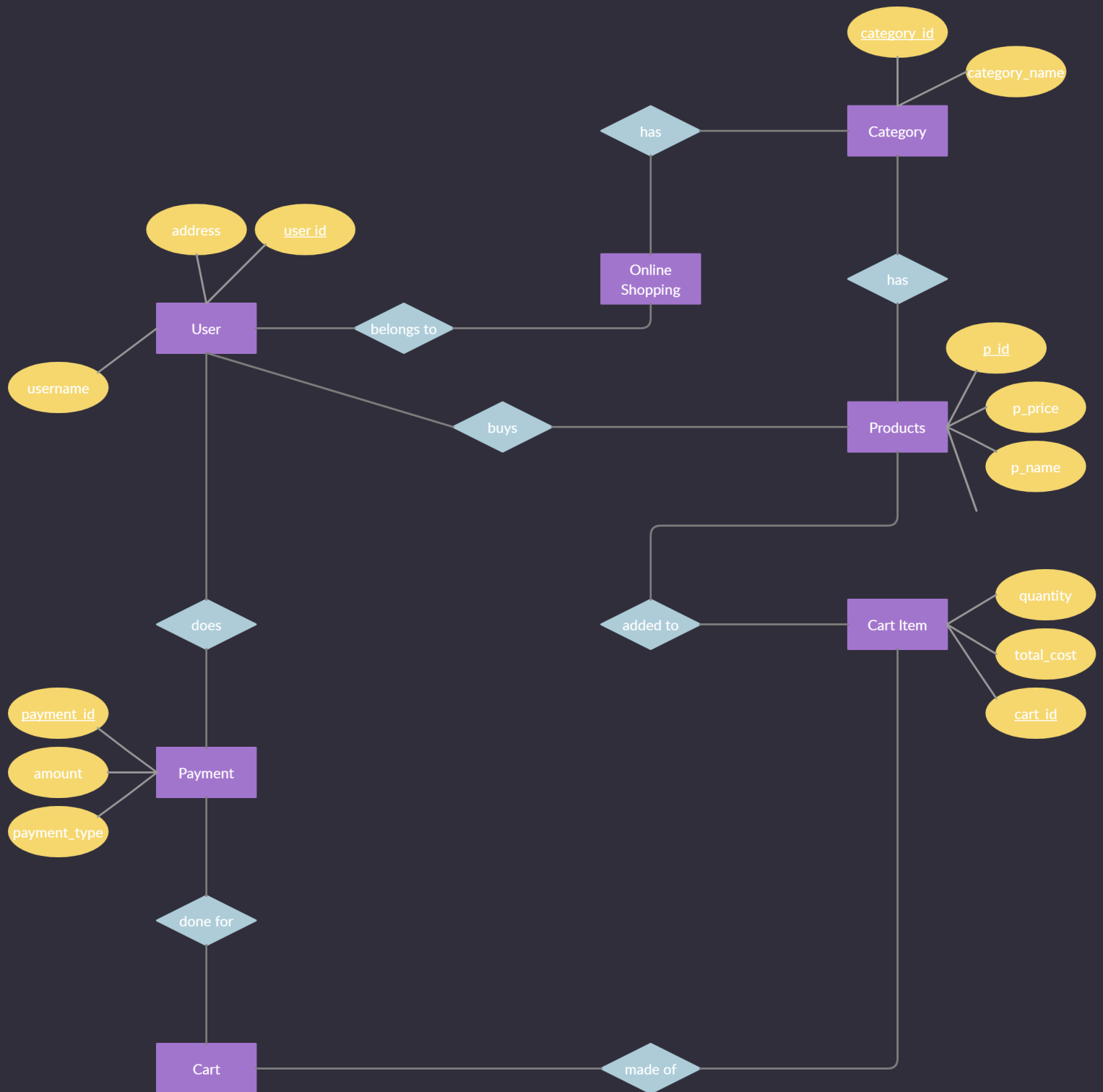
Week 2 ,3:

Getting Data into GUI and Performing Operations.

Week 4:

Fixing Bugs,updating GUI and adding more operations

ER DIAGRAM



TABLES AND CONSTRAINTS

In this Project Following Tables are used.

- Register and Login Id Table.
- Food Item and Price Table.
- History User Table.
- Cart Table For Each User.
- Displaying Items Table.
- Check Out Table.

In this Project Register and Login Id Table Has Primary Key Constraint So That User has unique user id.

USER GUIDE

Register/Login Into System.

Sign In

✉ User Id

SIGN IN

Hello, User!

Enter your personal details
and start journey with us

SIGN UP

Welcome Back!

To keep connected with us please
login with your personal info

SIGN IN

Create Account

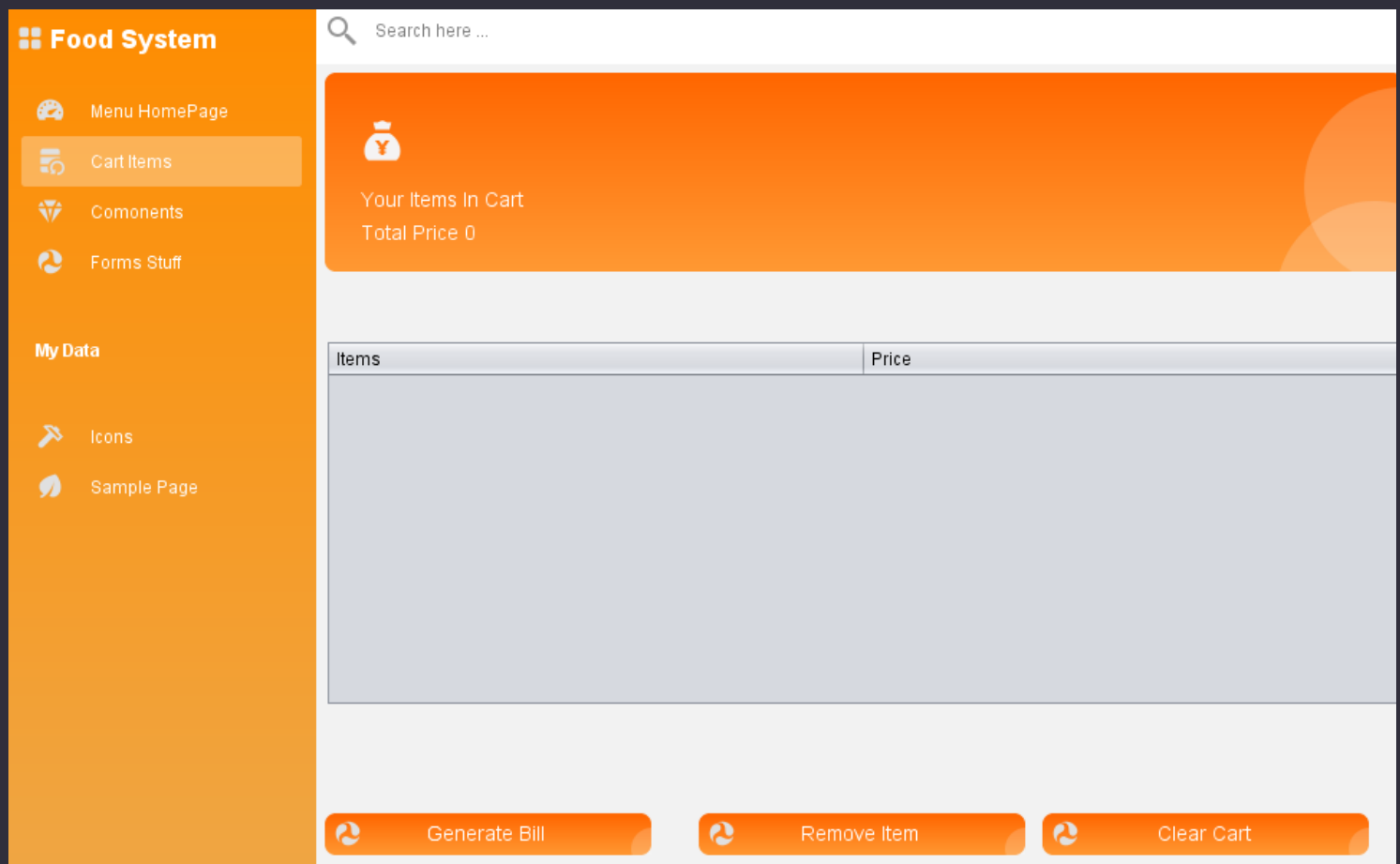
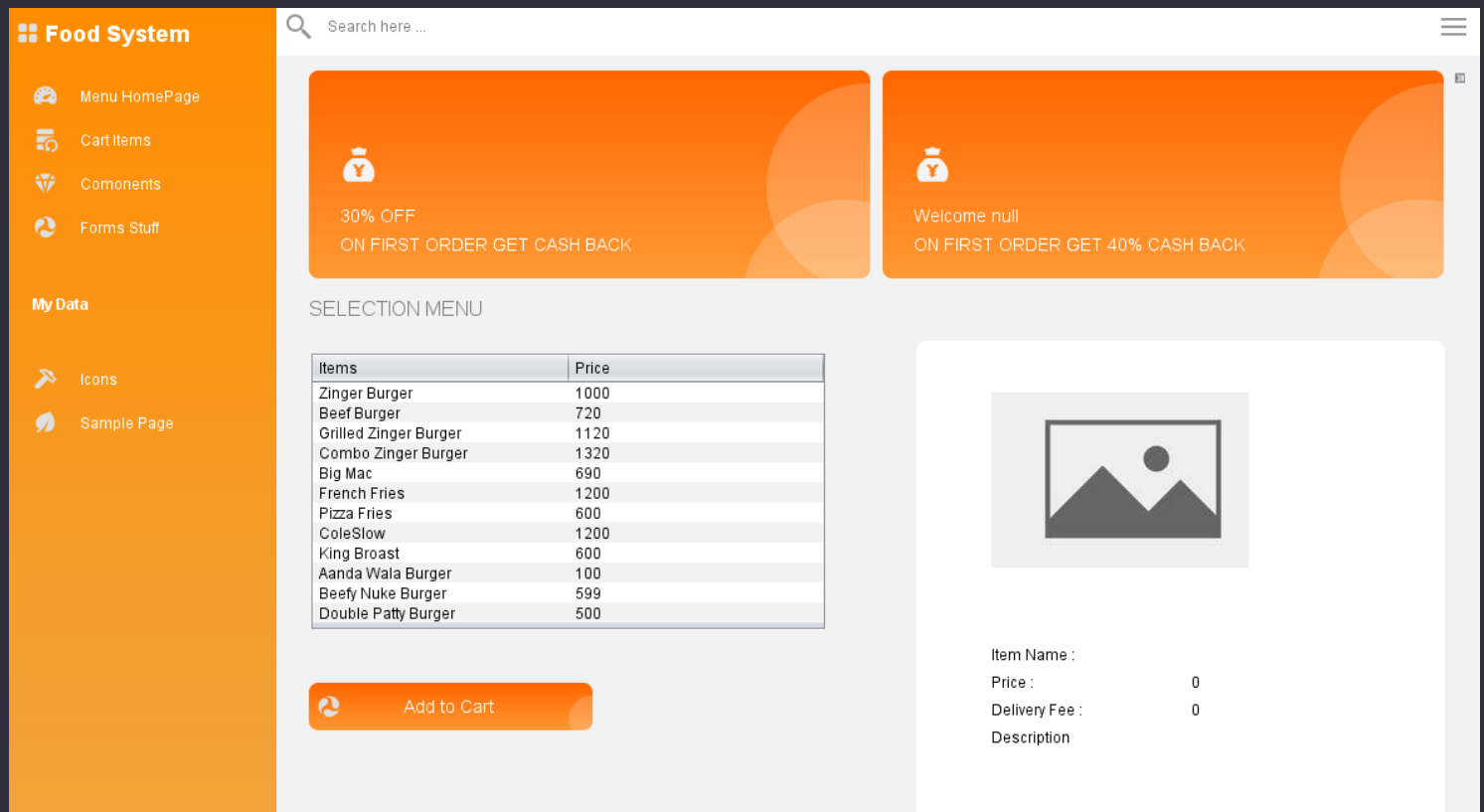
👤 User Name

✉ User Id

SIGN UP

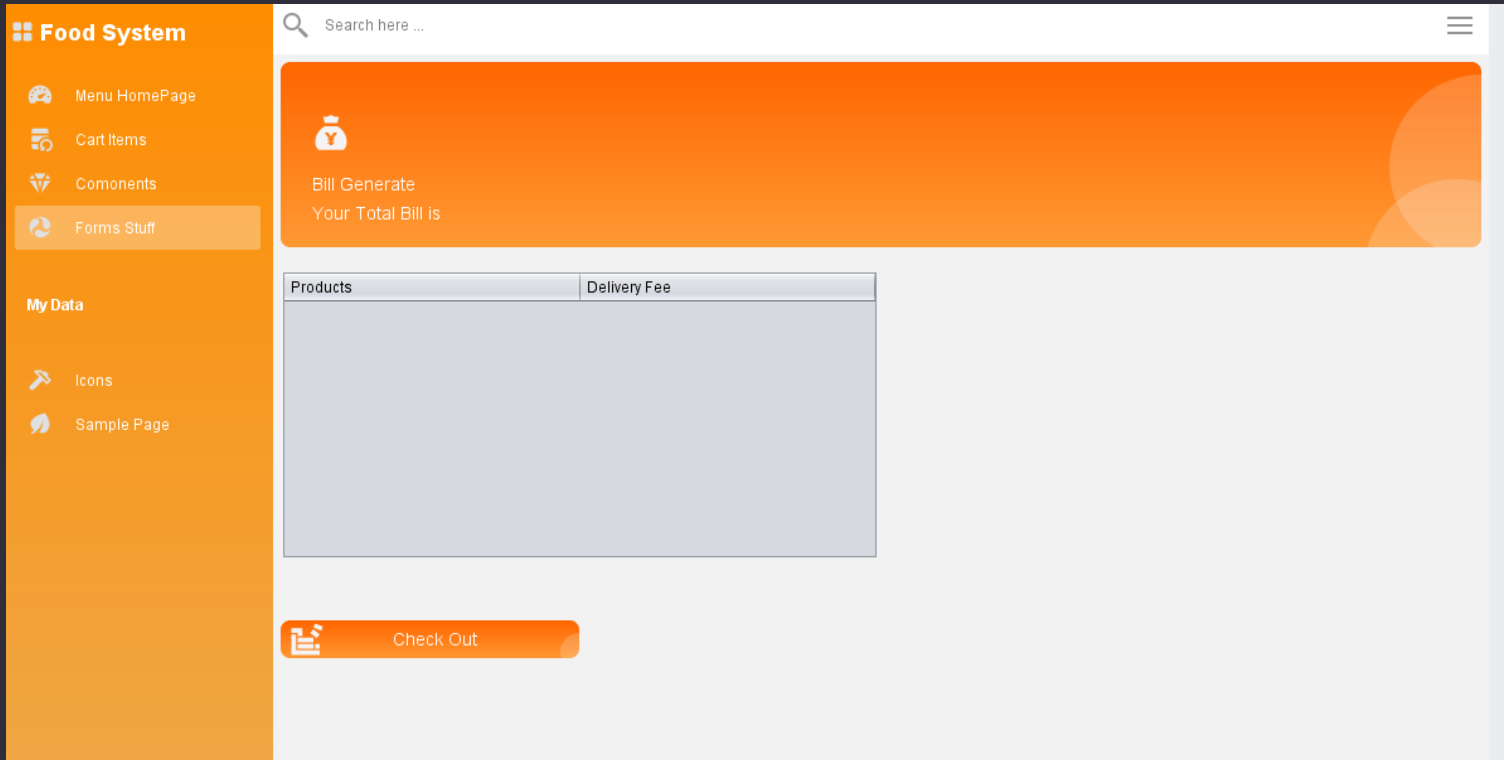
USER GUIDE

Product Selection Page Then Items Will Go To Cart Items Page.

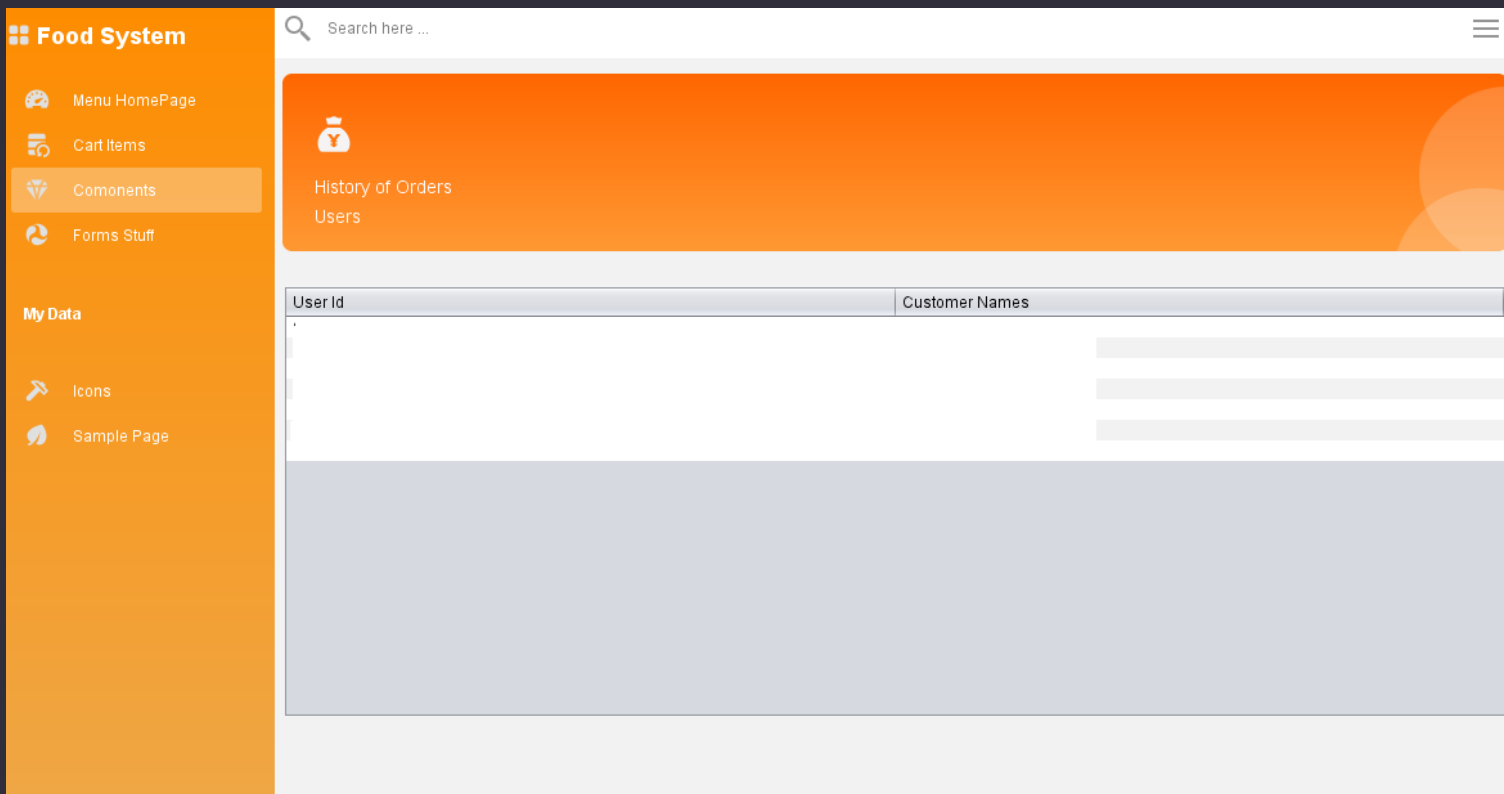


USER GUIDE

Check Out Page Here You Will Check Out And Order Food.



Here Will Display All Previous Users.



CONCLUSION

In conclusion an online food ordering system is proposed which is useful in small family run restaurants as well as in places like college cafeteria, etc. This project can later be expanded on a larger scale.

Our project is only a humble venture to satisfy the needs to manage their project work .Several user friendly coding have also adopted. This package shall prove to be a powerful

package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses .At the end it is concluded that we have made effort on following points...•

- A description of the background and context of the project and its relation to work already done in the area.
- Made statement of the aims and objectives of the project.
- The description of Purpose. Scope, and applicability
- We define the problem on which we are working in the project.
- We describe the requirement Specifications of the system and the actions that can be done on these things.
- We understand the problem domain and produce a model of the system, whichdescribes operations that can be performed on the system.
- We included features and operations in detail, including screen layouts
- We designed user interface and security issues related to system . Finally the system is implemented and tested according to test cases