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VARSHA B

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FOOD BOX

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CHAPTER-1

INTRODUCTION

1.1 INTRODUCTION

In a modern generation Online food ordering is a mobility of food delivery or takeout from a food box. This is made possible through the use of electronic payment system. It is possible for everyone to order any goods from anywhere the internet and have the goods delivered at his/her home. the necessary tool for this process telecommunication with customers. The system will become an important tools use for restaurant to improve the management aspect by use of computer system to connected each and every food ordering transaction instead of data record on it. In addition, it can also provide efficiency for the restaurant by reducing time consuming, minimize human errors or delivery and providing good quality and service to customers.

The project has been planned to be having the view of distributed architecture, with centralized storage of the database. The application for the storage of the data has been planned. Using the constructs of MySQL Database and all the user interfaces have been designed using the Angular & Spring boot technologies. The database connectivity is planned using the “MySQL Connection” methodology. The standards of data protective mechanism have been given a big choice for proper usage. The application takes care of different modules and their associated reports, which are produced as per the applicable strategies and standards that are put forwarded by the administrative staff.

CHAPTER-2

SYSTEM ANALSIS

2.1.ANALYSIS MODEL

The model that is basically being followed is the WATER FALL MODEL, which states that the phases are organized in a linear order. First of all, the feasibility study is done. Once that part is over the requirement analysis and project planning begins. If system exists one and modification and addition of new module is needed, analysis of present system can be used as basic model. The design starts after the requirement analysis is complete and the coding begins after the design is complete. Once the programming is completed, the testing is done. In this model the sequence of activities performed in a software development project are: -

- Requirement Analysis
- Project Planning
- System design
- Detail design
- Coding
- Unit testing
- System integration & testing

Here the linear ordering of these activities is critical. End of the phase and the output of one phase is the input of other phase. The output of each phase is to be consistent with the overall requirement of the system. Some of the qualities of spiral model are also incorporated like after the people concerned with the project review completion of each of the phase the work done.

WATER FALL MODEL was being chosen because all requirements were known beforehand and the objective of our software development is the computerization/automation of an already existing manual working system.

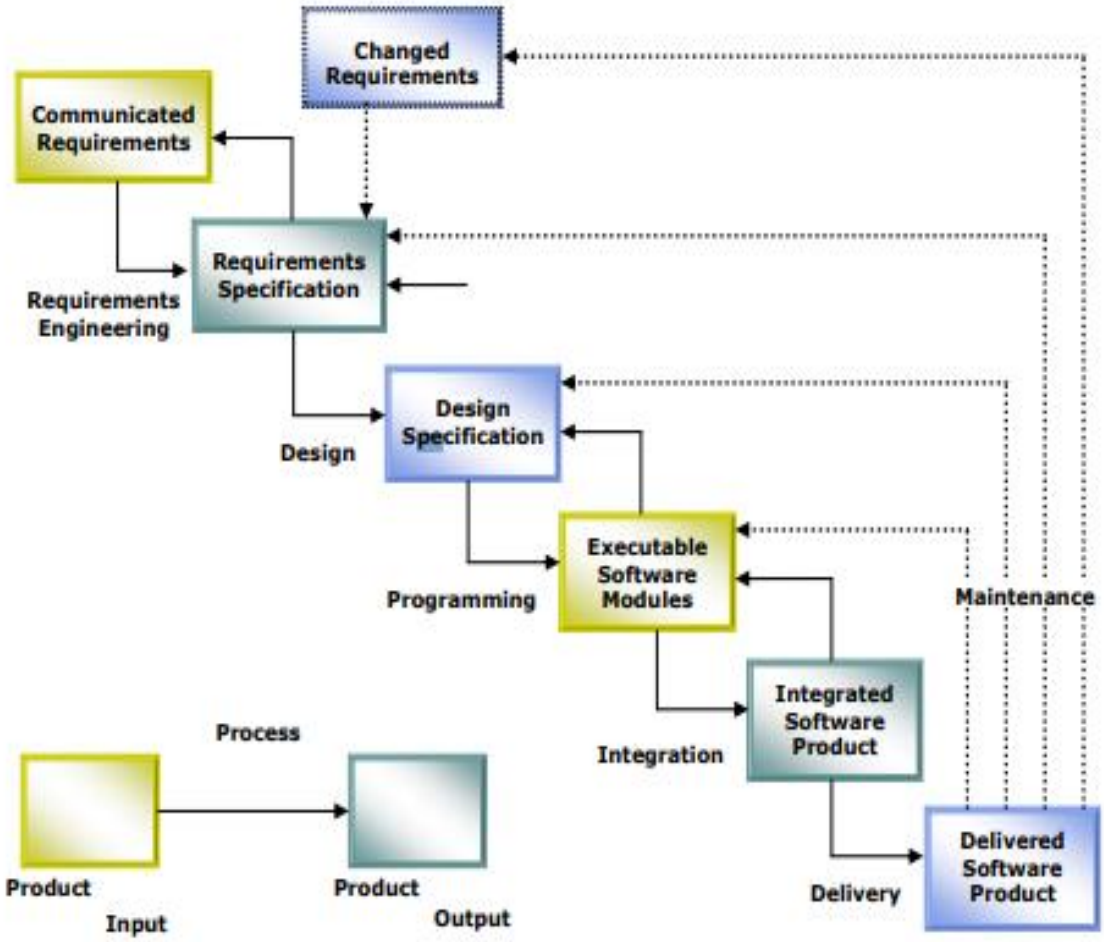


Fig: Water Fall Model

NUMBER OF MODULES

The system after careful analysis has been identified to be presented with the following modules:

The modules involved are:

- **Food box**
- **Authentication**

  Login

  Registration
- **View food items**

  Admin

  User
- **Cart**
- **Contact us**
- **About us**

CHAPTER -3

Requirement Analysis

3.1 Requirement Analysis

Software Requirements

- Apache tomcat server 0.9
- Application Server
- Visual Studio
- MySQL
- Spring boot Tool Suit
- Hibernate/JPA

Hardware requirements

- Operating System - Windows XP, Windows 7, Windows 10 or above
- Processor - Intel Dual Core or higher version RAM - Minimum 2GB or above
- Hard Disk - Minimum 40GB or above

CHAPTER -4

Software Design

4.1 Introduction for Software Design

Software design sits at the technical kernel of the software engineering process and is applied regardless of the development paradigm and area of application. Design is the first step in the development phase for any engineered product or system. The designer's goal is to produce a model or representation of an entity that will later be built. Beginning, once system requirement has been specified and analysed, system design is the first of the three technical activities - design, code and test that is required to build and verify software.

The importance can be stated with a single word "Quality". Design is the place where quality is fostered in software development. Design provides us with representations of software that can assess for quality. Design is the only way that we can accurately translate a customer's view into a finished software product or system. Software design serves as a foundation for all the software engineering steps that follow. Without a strong design we risk building an unstable system – one that will be difficult to test, one whose quality cannot be assessed until the last stage.

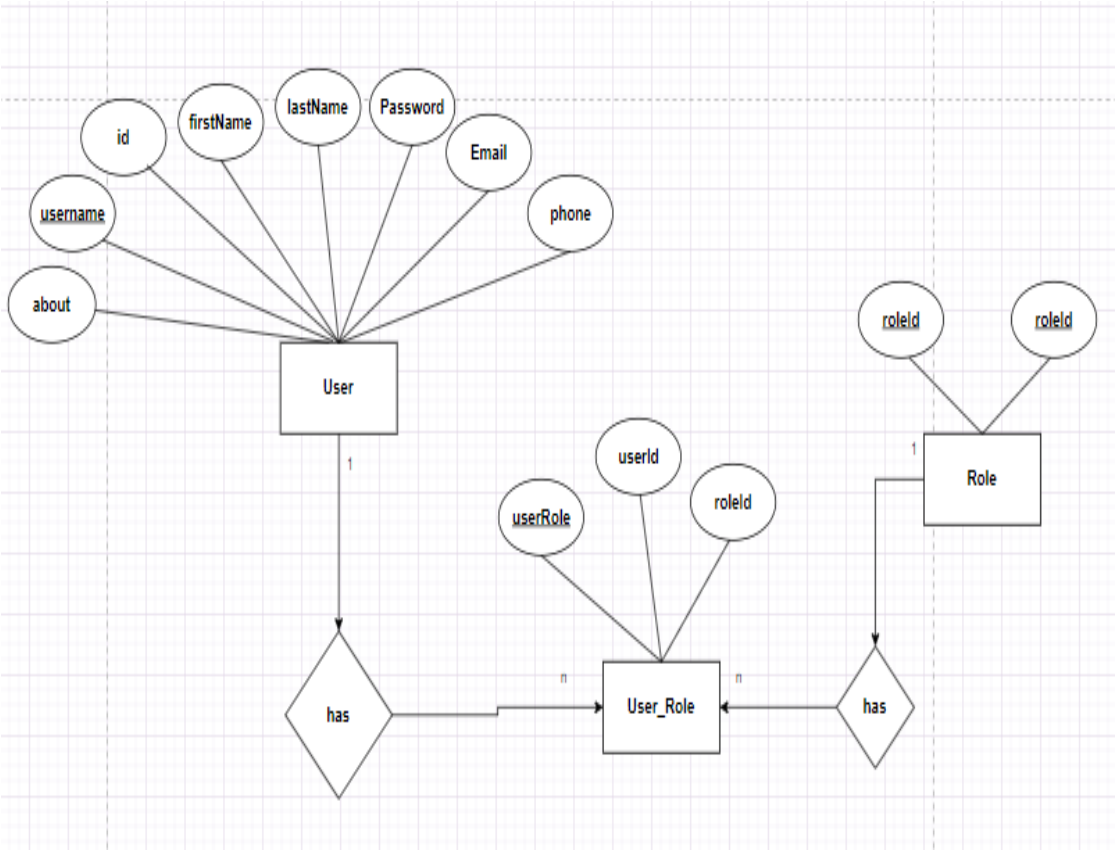
During design, progressive refinement of data structure, program structure, and procedural details are developed reviewed and documented. System design can be viewed from either technical or project management perspective. From the technical point of view, design is comprised of four activities – architectural design, data structure design, interface design and procedural design.

CHAPTER-5

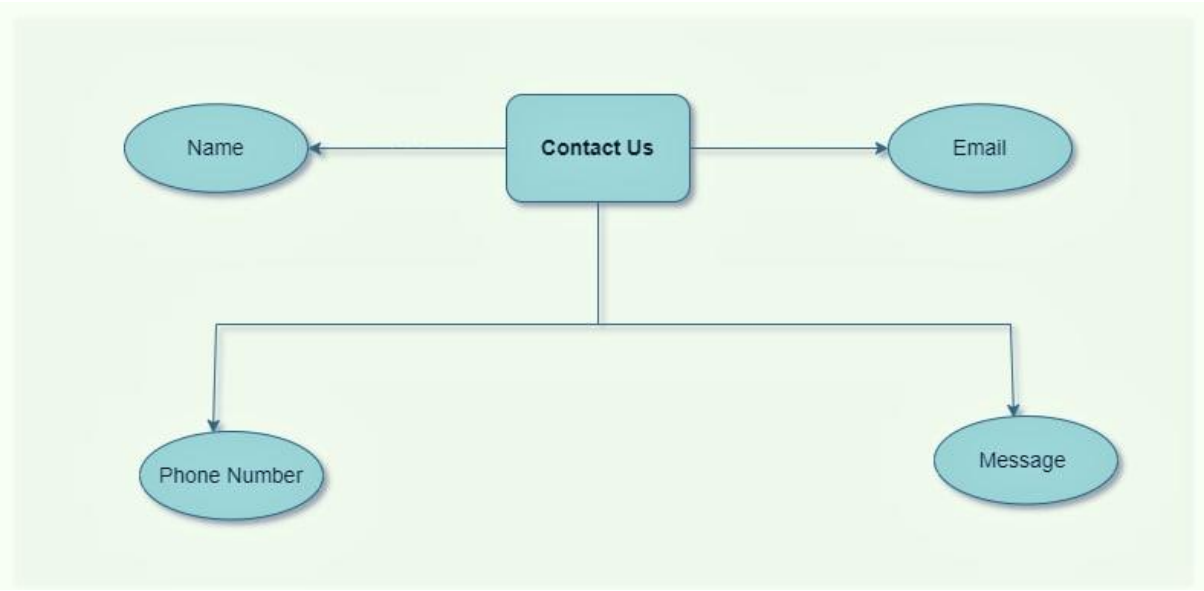
WebApp Diagram

5.1 ER Diagram

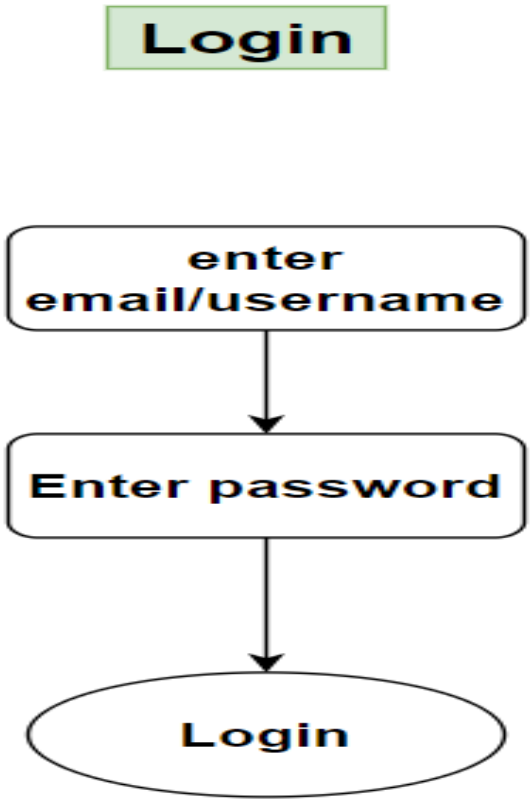
Registration Flow chat



Contact Us Flow Chat

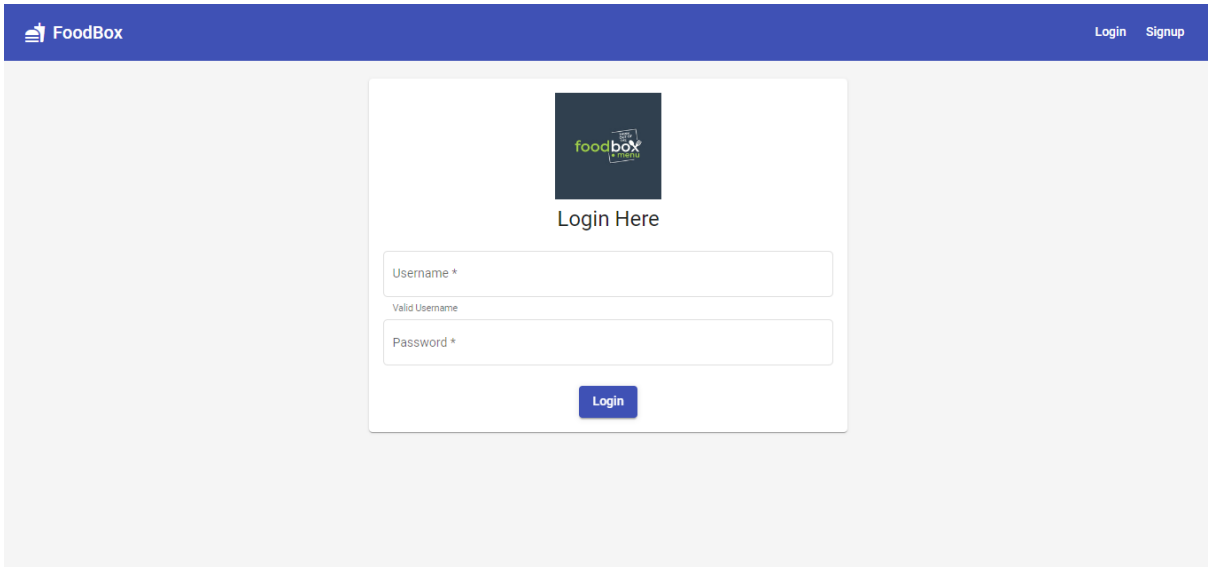


Login Diagram

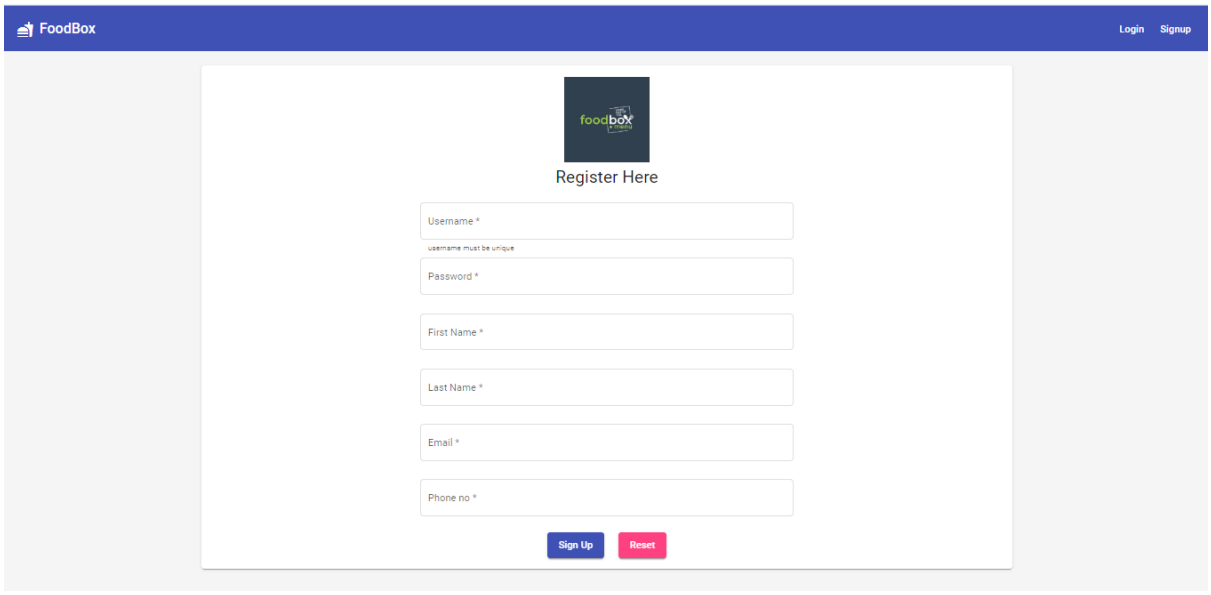


CHAPTER-6

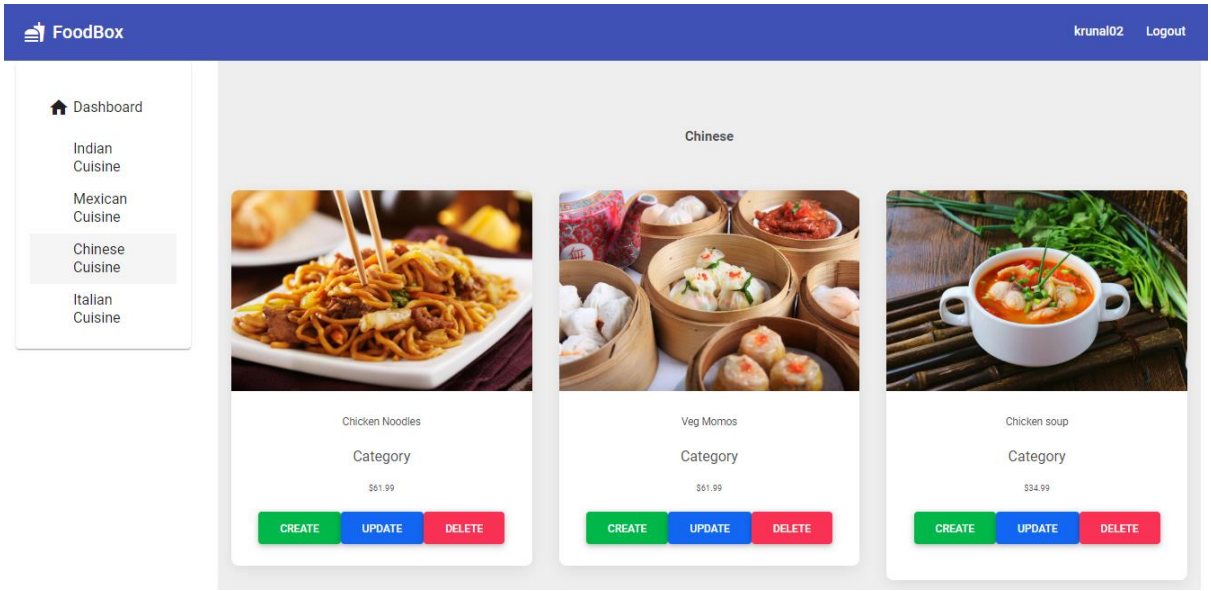
Screen Shots



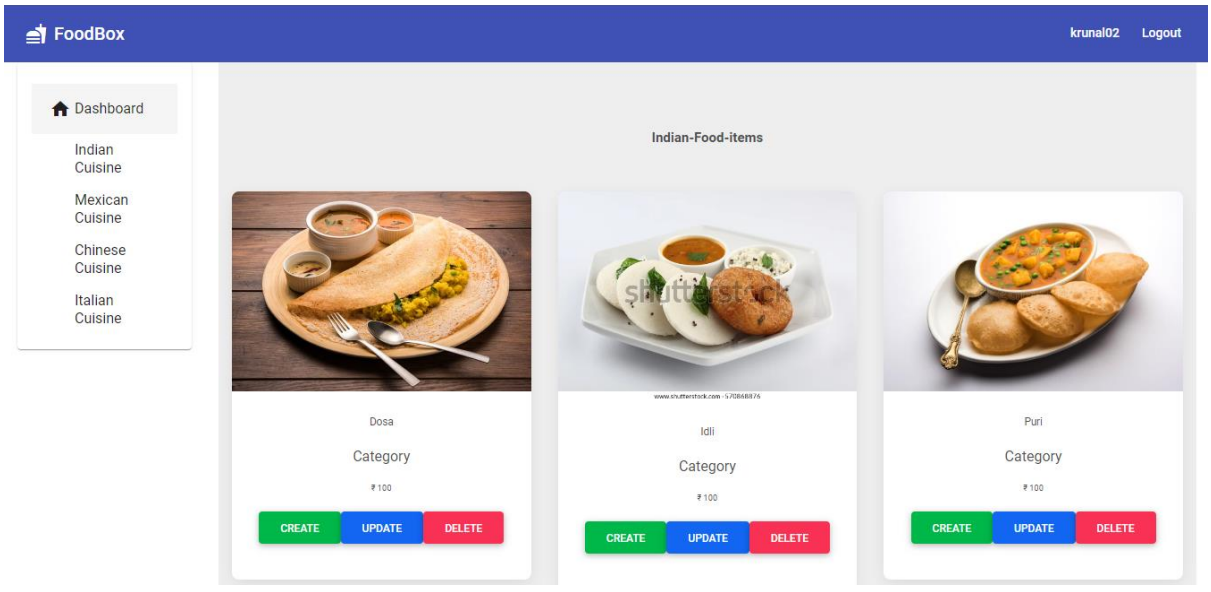
login Page



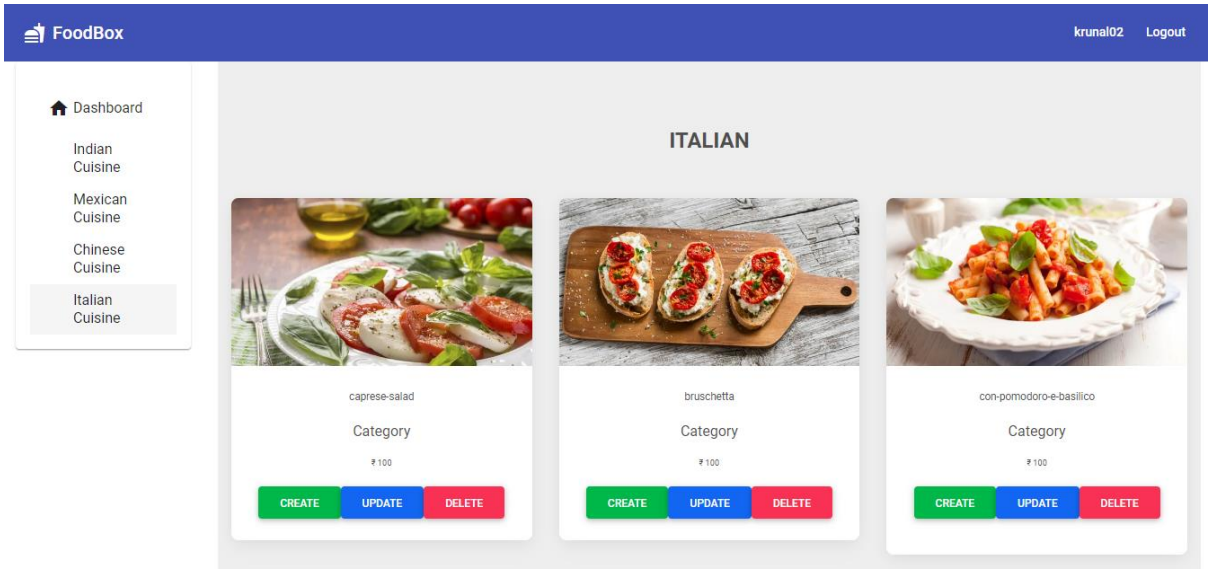
Registration Page



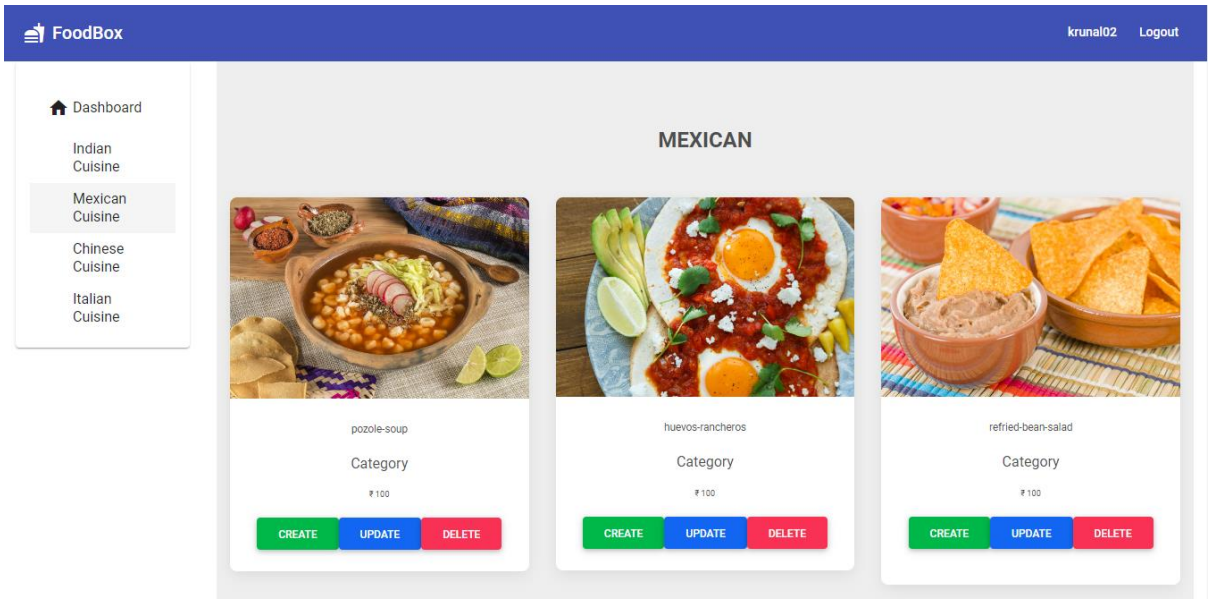
Admin Chinese food items



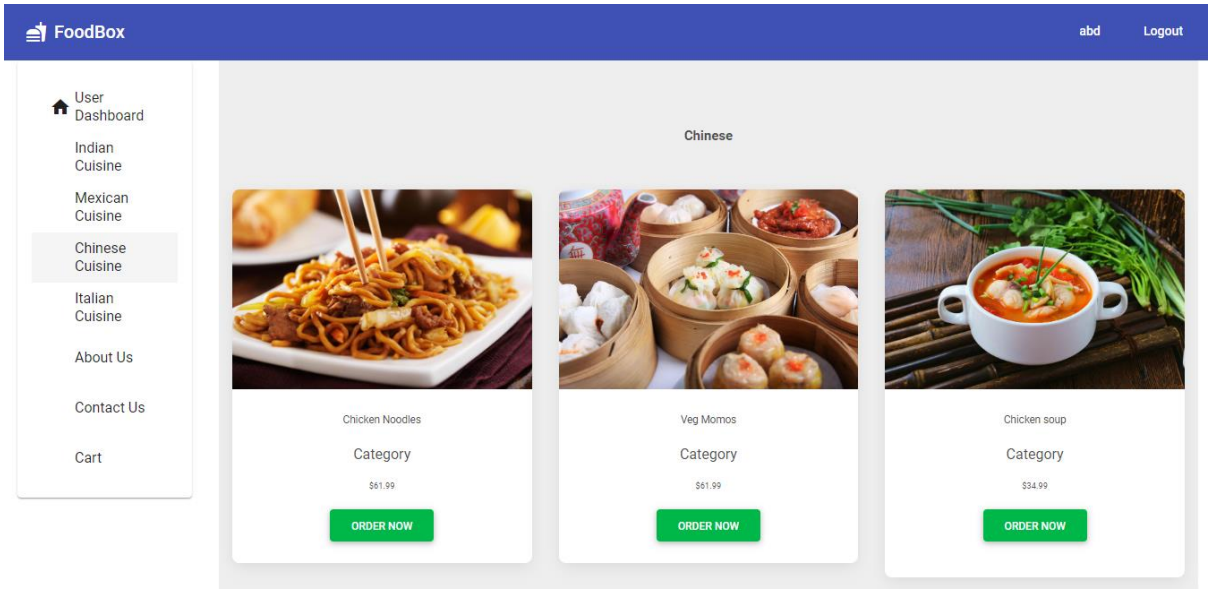
Admin Indian food items



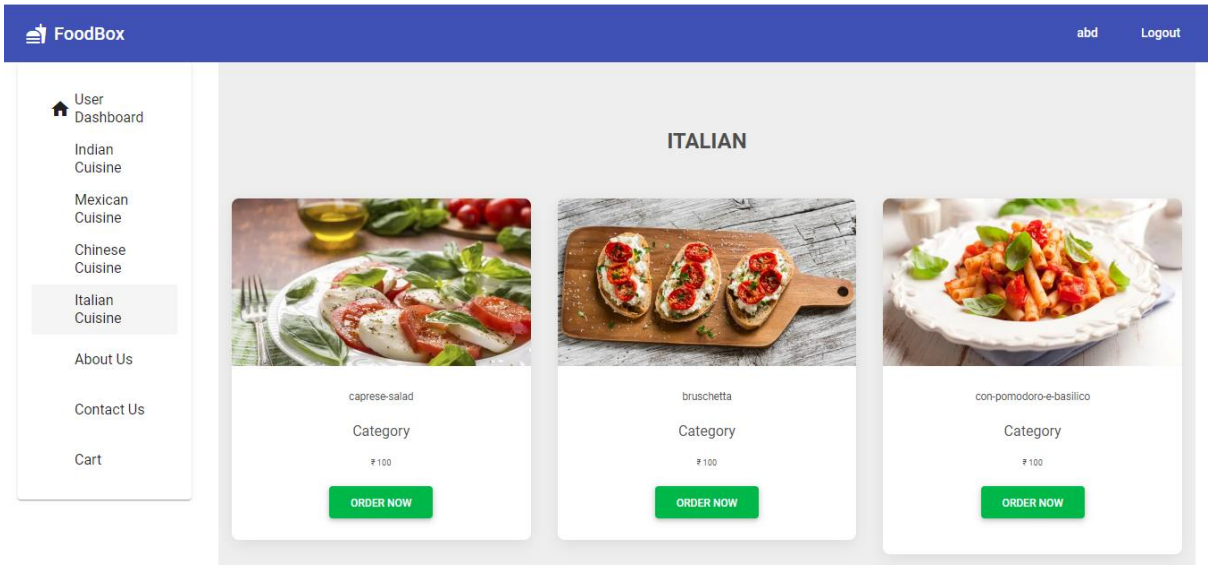
Admin Italian food page



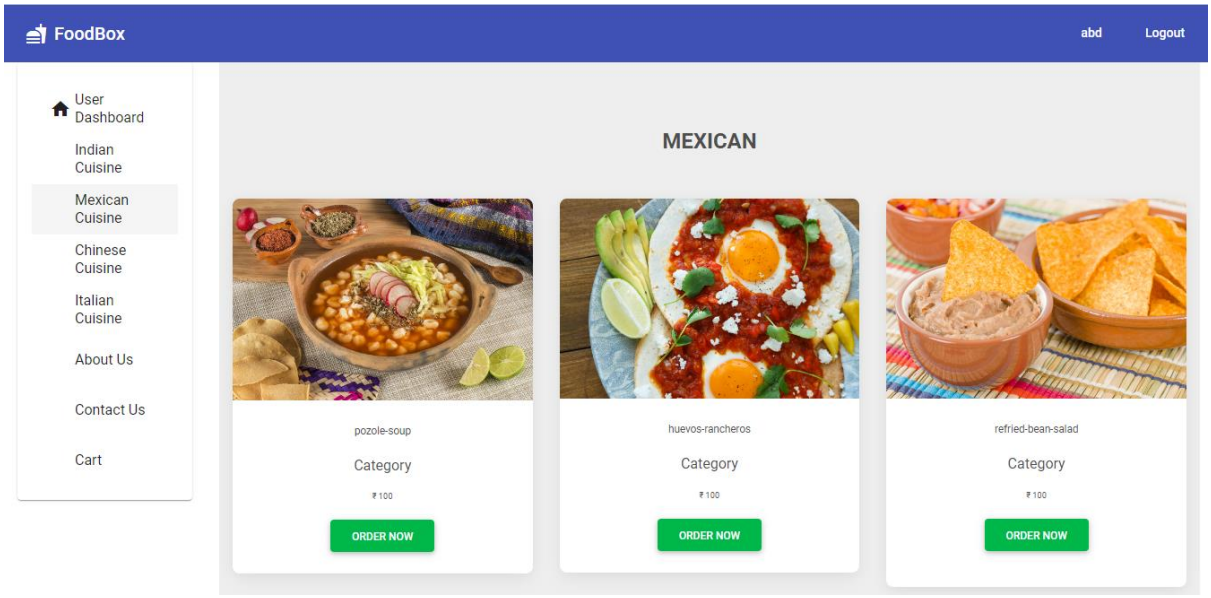
Admin Mexican food items



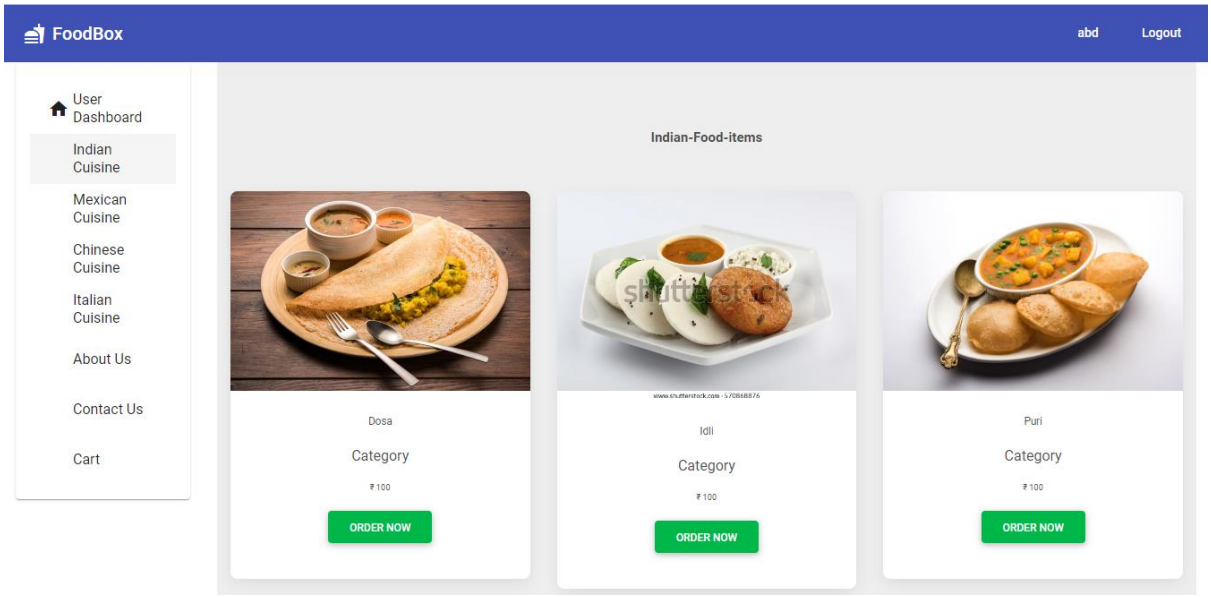
User Chinese food item



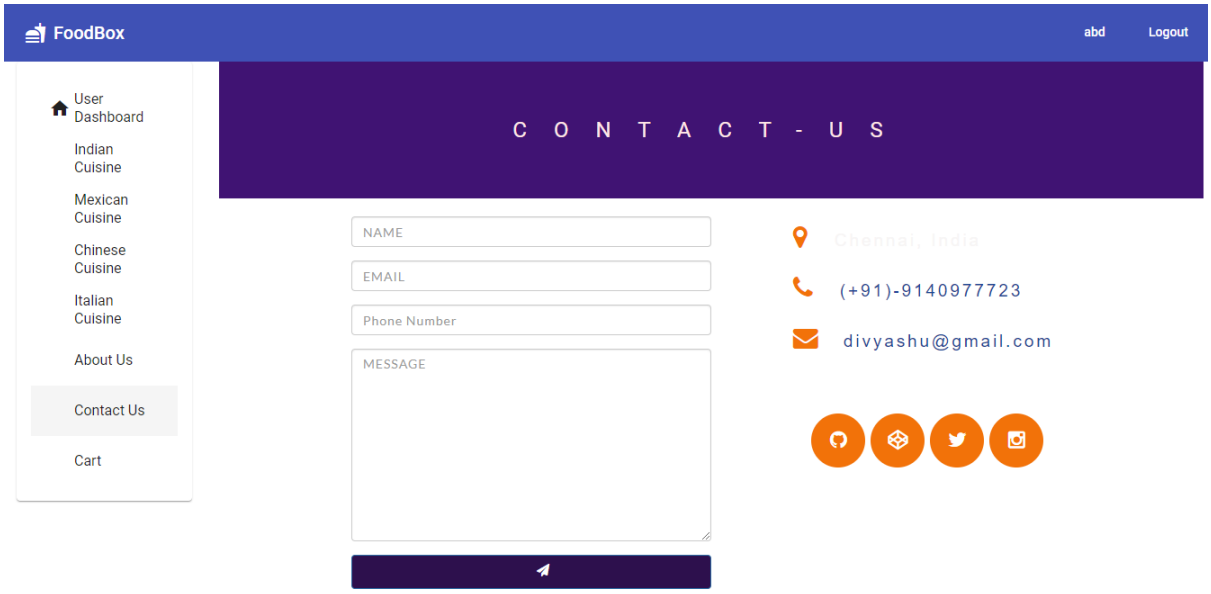
User Italian food items



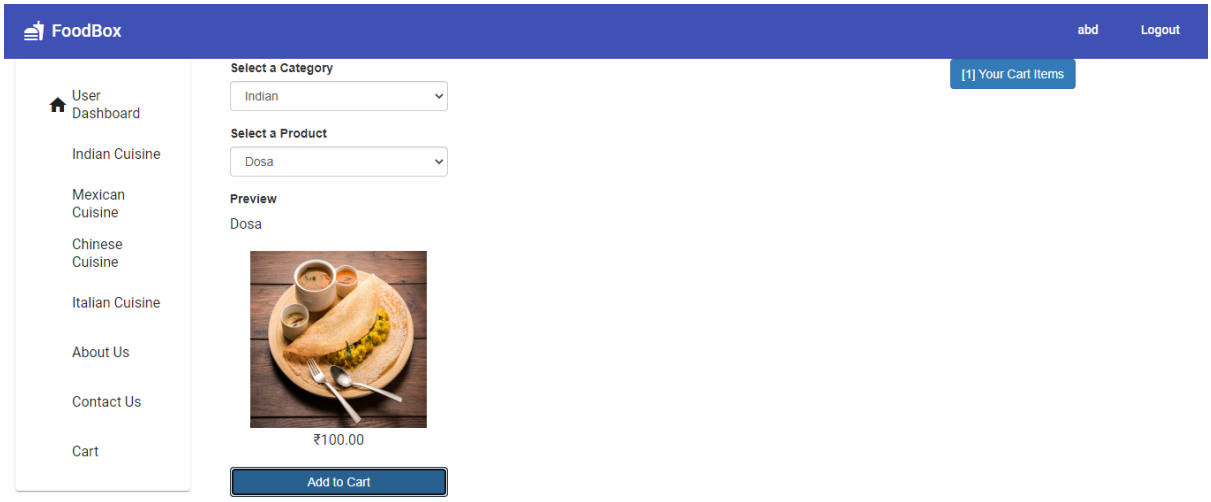
User Mexican food items



User Indian food items

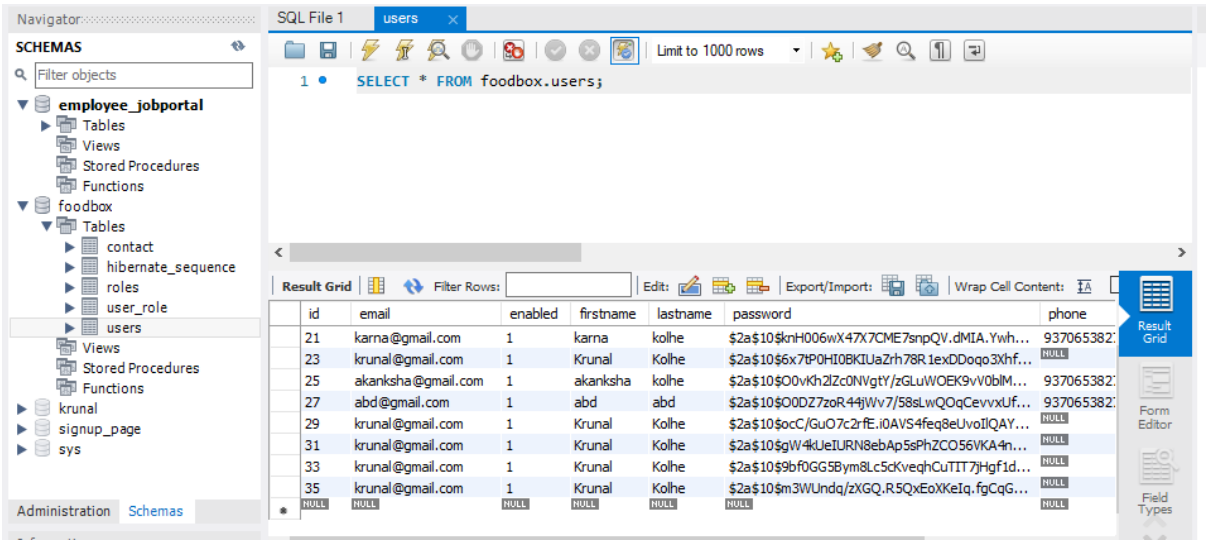


Contact us page

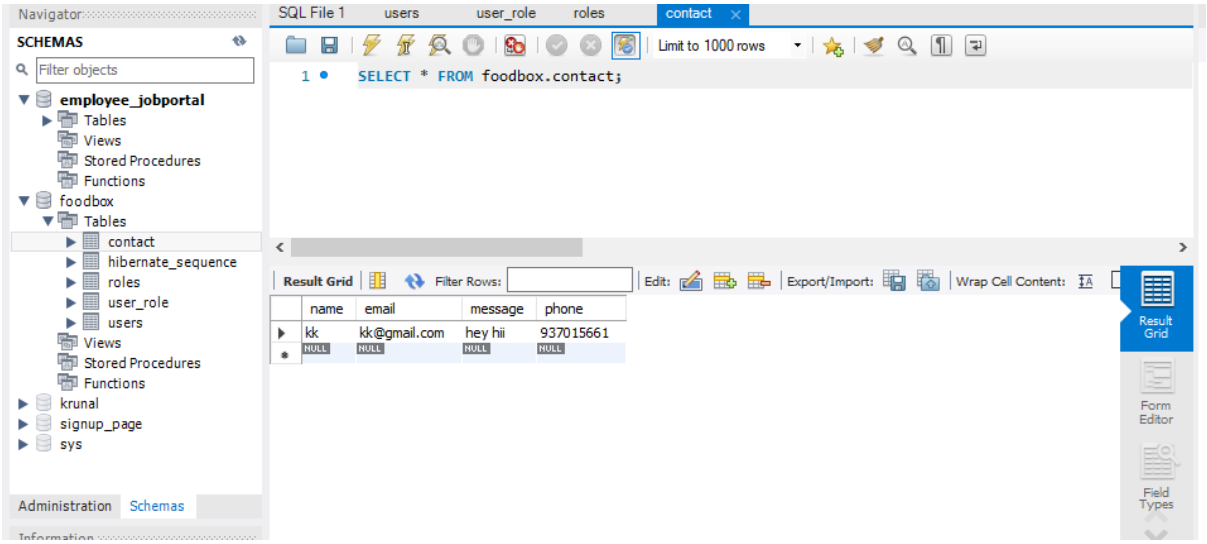


Cart page

About us page



Database User page



Database Contact page

CHAPTER-7

TEST CASES

REGISTRATION

REGISTRATION PAGE TEST CASE

project name: FOOD BOX
Module name: Registration Page
Created date:
Review Date:

Test Scenario ID	Test Scenario Description		Test Case ID	Test Case Description	Test Steps	preconditions Test Data		Post conditional Expected Result	Actual Result
Ts_FD_1	Verify the login funtionality of food deliver login page	registration funtionality	Ts_FD_reg_1	Enter user name password,First name, Last name,Email & phone no	1.Enter valid username 2.Enter valid password 3.First name 4.Last name 5.Email adress 6.Phone no	valid URL Test Data	raksha 1234 raksha TU aks@gmail.com 99567854321	User should able to see the login page	succesfull registered
Ts_FD_2	Verify the login funtionality of food deliver login page	registration funtionality	Ts_FD_reg_2	Enter password,First name, Last name,Email & phone no	1.Enter valid username 2.Enter valid password 3.First name 4.Last name 5.Email adress 6.Phone no	valid URL Test Data	123456 Krunal Kalhe krunal@gmail.com 99567854321	User shold not able to see the registration page	please fill the "empty" space user name
Ts_FD_3	Verify the login funtionality of food deliver login page	registration funtionality	Ts_FD_reg_3	Enter user name ,First name, Last name,Email & phone no	1.Enter valid username 2.Enter valid password 3.First name 4.Last name 5.Email adress 6.Phone no	valid URL Test Data	bhaamika bhaamika bhaamika bhaamika@gmail.com 99567854321	User shold not able to see the registration page	please fill the "empty" space password
Ts_FD_4	Verify the login funtionality of food deliver login page	registration funtionality	Ts_FD_reg_4	Enter user name password,First name, Last name,Email & phone no	1.Enter valid username 2.Enter valid password 3.First name 4.Last name 5.Email adress 6.Phone no	valid URL Test Data	divyamzhu 123467 pandya divyamzhu@gmail.com 99567854321	User shold not able to see the registration page	please fill the "empty" space First name
Ts_FD_5	Verify the login funtionality of food deliver login page	registration funtionality	Ts_FD_reg_5	Enter user name password,First name, ,Email & phone no	1.Enter valid username 2.Enter valid password 3.First name 4.Last name 5.Email adress 6.Phone no	valid URL Test Data	varsha 9876 varsha varsha@gmail.com 99567854321	User shold not able to see the registration page	please fill the "empty" space Last name
Ts_FD_6	Verify the login funtionality of food deliver login page	registration funtionality	Ts_FD_reg_6	Enter user name password,First name, Last name,Email & phone no	1.Enter valid username 2.Enter valid password 3.First name 4.Last name 5.Email adress 6.Phone no	valid URL Test Data	charan 7654 charan zolvaraj 99567854321	User shold not able to see the registration page	please fill the "empty" space email adress
Ts_FD_7	Verify the login funtionality of food deliver login page	registration funtionality	Ts_FD_reg_7	Enter user name password,First name, Last name,Email & phone no	1.Enter valid username 2.Enter valid password 3.First name 4.Last name 5.Email adress 6.Phone no	valid URL Test Data	charan 7654 charan zolvaraj 99567854321	User shold not able to see the registration page	please fill the "empty" space email adress

LOGIN PAGE

LOG IN PAGE TEST CASE

project name: FOOD BOX
Module name: Login Page
Created date:
Review Date:

Test Senario ID	Test Scenario Description		test Case ID	Test Cas Description	Test steps	preconditions Test Data		Post conditional Expected Result	Actual Result
Ts_FD_1	Verify the login funtionality of food deliver login page	login functionality	Ts_FD_login_1	Enter a valid username &valid password	1.Enter valid username 2.Enter valid passeord 3.click on login bitton	valid URL Test Date	username raksha pass:1234	User should able to see the home page	succesfull login
Ts_FD_2	Verify the login funtionality of food deliver login page	login functionality	Ts_FD_login_1	Enter a valid username &invalid password	1.Enter valid username 2.Enter invalid passeord 3.click on login bitton	valid URL Test Date	username abcd@gmail.com pass:1231	error message "invalid username or password	a popup message box to show an error "invalid" username/password
Ts_FD_3	Verify the login funtionality of food deliver login page	login functionality	Ts_FD_login_1	Enter a invalid username &valid password	1.Enter invalid username 2.Enter valid passeord 3.click on login bitton	valid URL Test Date	username abcd@gmail.com pass:123@abc	error message "invalid username or password	a popup message box to show an error "invalid" username/password

CONTACT US PAGE

CONTACT US PAGE

project name	FOOD BOX
Module name	Contact us Page
Created date	
Review Date	

Test Senario ID	Test Scenario Description		test Cse ID	Test Cas Description	Test Steps	Preconditions	Test Date	Post conditional Expected Result	Actual Result
Ts_FD_1	Verify the login funtionality of food deliver login page	contact funtionality	Ts_FD_contact_1	Enter a valid username, password,phone no,message	1.Enter valid username 2.Enter valid passeord 3.Enter phone no 4Enter.message	valid URL Test Date	yash abc@gmail.com 9888665544 please contact me	User should able to see the home page	succesfull login
Ts_FD_2	Verify the login funtionality of food deliver login page	contact funtionality	Ts_FD_contact_2	Enter a valid password,phone no,message	1.Enter valid username 2.Enter valid passeord 3.Enter phone no 4Enter.message	valid URL Test Date	 abc@gmail.com 8899776655 please contact me	User should able to see the home page	please fill the "empty" space user name
Ts_FD_3	Verify the login funtionality of food deliver login page	contact funtionality	Ts_FD_contact_3	Enter a valid username, phone no,message	1.Enter valid username 2.Enter valid passeord 3.Enter phone no 4Enter.message	valid URL Test Date	varsha 9988776655 please contact me	User should able to see the home page	please fill the "empty" space email
Ts_FD_4	Verify the login funtionality of food deliver login page	contact funtionality	Ts_FD_contact_4	Enter a valid username, password, ,message	1.Enter valid username 2.Enter valid passeord 3.Enter phone no 4Enter.message	valid URL Test Date	raksha abc@gmail.com please contact me	User should able to see the home page	please fill the "empty" space phone no
Ts_FD_5	Verify the login funtionality of food deliver login page	contact funtionality	Ts_FD_contact_5	Enter a valid username, password,phone no	1.Enter valid username 2.Enter valid passeord 3.Enter phone no 4Enter.message	valid URL Test Date	bhoomika qrs@gmail.com 7766554433	User should able to see the home page	please fill the "empty" space message

CHAPTER-8

Future Enhancement

Future enhancement

- This System being web-based and an undertaking of Cyber Security Division, needs to be thoroughly tested to find out any security gaps.
- A console for the data centre may be made available to allow the personnel to monitor on the sites which were cleared for hosting during a particular period.
- Moreover, it is just a beginning; further the system may be utilized in various other types of auditing operation viz. Network auditing or similar process/ workflow based applications...

CHAPTER-9

Conclusion

9.1 Conclusion

Online Food Ordering system is done to help and solve one of the important problems of customer. Because Large number of customer can use the internet and phone. Various issues related to Mess/Tiffin Service will be solved by these system. Thus, implementation of Online Food Ordering system is done to help and solve one of the important problems of customer. It helps customer in making order easily and gives information needed in making order to customer place. The Food website application made for restaurant massive one help to receiving order

BENEFITS:

To evaluate the way of interaction with customers.

✓ To develop a restaurant ordering system with mobile application based on the client server application.

✓ To determine the factors that influence customer when ordering food online.

✓ To computerized the food ordering system process and display details of sales history

LIMITATIONS:

- The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
- Training for simple computer operations is necessary for the users working on the system.

Chapter-10
References

Web Sites:

http://www.foodbox.com.ph

http://www.google.com

https://www.wikipedia.org