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*Sprint Work and Project Specification*

**A FULL STACK DEVELOPMENT**

**CAPSTONE P**

**ROJECT**

• **Version History:**

|  |  |  |
| --- | --- | --- |
| 1. | **Author Name** | Keerthana Bandari. |
| 2. | **Purpose** | Specification of Project and Sprint Work. |
| 3. | **Date** | 14 June 2022. |
| 4. | **Version** | 1.0 |
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5. SprintWise Work…...…………………..5

# Introduction.

FoodBox is an online food delivery web application for ordering food items of different cuisines from a restaurant. FoodBox is a restaurant chain that delivers food items of different cuisines at affordable prices.

# Project GitHub Link.

|  |  |
| --- | --- |
| **Repository Name.** | FoodBox-Capstone-Project |
| **GitHub Link.** | <https://github.com/keerthana-777/FoodBox.git> |

# Modules in the Project.

1. Registration Page.
2. Login Page.
3. User Login.
4. Admin Login.
5. Dashboard.
6. Search Products.
7. Add Cart/View Cart.
8. View Previous Active Orders.
9. Payment Gateway Page.
10. Order Summary Confirmation Page.

# Technology Used in the Project.

1. Front End:

HTML.

CSS3 and Bootstrap4.

TypeScript.

Angular, Angular Material for View.

1. VS Code: As an IDE to design frontend of the application.

1. Git: To connect and push files from the local system to GitHub.

1. GitHub: To store the application code and track its versions

1. Scrum: An efficient agile framework to deliver the product incrementally.

1. Back End:

Eclipse IDE.

Java Programming. Searching and Sorting Spring Boot DevTools.

Spring Web and Spring Data JPA.

1. Testing and DevOps:

Selenium.

Jenkins.

Docker and TestNG.

*5.* ***Sprint Wise Work****.*

The Sprints have been planned of how the developer can develop with the User interface development and also with the time span of the project was managed within 3 weeks of completion.

So, each sprint was planned as per the schedule of 4 days for development

and one day for testing and the other day for the bug Fixes.

|  |  |  |  |
| --- | --- | --- | --- |
| **Epic** | **User**  **Story Id** | **Feature/Title** | **User story** |
| **Customer can register into application, if**  **customer is already registered then**  **customer should login**  **into application. Until Customer Login or Register they can't continue shopping**  **(Foodbox.com\_EPIC\_001)** | US101 | Customer can login into application | As a customer, I want be able to enter email as username and Password So that I can Login to ECommerce site. |
| US102 | Customer can Register into application | As a customer, I want be able to enter required details. So that I can Register and Login to ECommerce site. |
| US103 | Customer can Add Products into cart if and only if they register or login | As a customer, I can add products into cart only when I am logged in, so that all my cart records will save for later. |
| **Customer can Filter or Search the products to find the products easily and Add products to cart (Foodbox.com\_EPIC\_002)** | US201 | Customer can Filter products | As a customer, I want to be able to Filter the product  according to Cusines, So that I can find products easily |
|  | US202 | Customer can Search products | As a customer, I want to be able to Search the product  according to Cusines, So that I can find products easily |
|  | US203 | Add Products to Cart | As a customer, I want to be able to add products into cart, So that I can proceed to payment and finilize order |
| **Customer can View Cart,**  **Edit cart and Proceed to**  **Payment Gateway**  **(Foodbox.com\_EPIC\_003)** | US301 | View Cart items and Grand Total | As a customer, I want to be able to view cart items and Grandtotal, So that I can finilize the order if I am ok with products |
|  | US302 | Edit Cart or Cart operations | As a customer, I want to be able to edit cart, So that I can edit quantity of product or remove items from cart. |
|  | US303 | Go to Checkout or Back to products | As a customer, I want to proceed to next to checkout, So that I can confirm my order by paying amount. |
|  | US304 | View Order Summary and print order confirmation | As a Customer, I want to view order summary, So that I can view Transaction Id and Print Order summary |
| **Admin can login, Manage**  **Products, Manage Users,**  **Manage Purchases**  **(Foodbox.com\_EPIC\_004)** | US401 | Login to Admin Portal | As a Admin, I want to login to Application, So that I can view and Manage products, Manage Users and Manage  Purchases |
|  | US402 | Manage Products | As a Admin I want to Manage Products, So that I can View, Add , Update and Delete list of products. |
|  | US403 | Manage Users | As a Admin I want to Manage Users, So  that I can View Customers registered and their orders and delete customers. |
|  | US404 | Manage Purchases | As a Admin I want to  Manage purchases, So that I can view or delete orders placed by customers. |
| **Testing and Bug Fixes.** | US501 | Testing and Deployment | Testing of Project and Deployment. |

Thank You……………