

Foodbox

Capstone Project



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| Version | 1.0.0 |

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Project Specification & Writeup

Contents

[1.Introduction. 2](#_Toc124892496)

[2.Modules in the Project. 2](#_Toc124892497)

[3. Technology Used in the Project. 2](#_Toc124892498)

[4. Sprint Wise Work. 3](#_Toc124892499)

[5.Project GitHub Link. 4](#_Toc124892500)

[6. Items to focus on the Next Release 1.0.1. 4](#_Toc124892501)

# 1.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.

# 2.Modules in the Project.

* Registration Page.
* Login Page.
* User Login.
* Admin Login.
* Dashboard.
* Search Products.
* Add Cart/View Cart.
* Payment Gateway Page.
* Order Summary Confirmation Page

# 3. Technology Used in the Project.

a. Front End:

* HTML.
* CSS3 and Bootstrap4.
* TypeScript.
* Angular, Angular Material for View.

b. Back End:

* Java (Programming Lanuguage)
* Spring Boot (Frame Work)
* Apache Tomcat (Web server)
* MySQL (Database)
* Eclipse (IDE)
* Swagger UI (API Documentation)

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

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

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

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

4. 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.

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| **Epic** | **User Story Id** | **Feature/Title** | **User story** |
| Customer can register into application, ifcustomer 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 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 sit |
| 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, 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 | As a customer, I want to be able to edit cart, So that I can edit quantity of product or remove items from cart. | 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 | As a Customer, I want to view order summary |

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| **Epic** | **User Story Id** | **Feature/Title** | **User story** |
| 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. |

# 5.Project GitHub Link.

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| Repository Name | FoodBox |
| GitHub link | <https://github.com/Ranga-D/FoodBox> |

# 6. Items to focus on the Next Release 1.0.1.

Fix backend bug: When adding/removing products, the product counts in the Tags & Categories tables are not being updated properly.

Code Refactorization: I’ve to check all the codes and should do some code refactorization to avoid some duplicates.

Admin Login account auto creation: I’m working on auto creating the default admin account while starting the backend server everytime and It will not create any duplicate as well. This is going under testing and looking forward on coming release 1.0.1.