

# A FULL STACK DEVELOPMENT CAPSTONE PROJECT OF F.B.



*(Sprint Work and Project Specification)*

## • Version History:

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2.	<b>Purpose</b>	Specification of Project and Sprint Work.
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4.	<b>Version</b>	1.0
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# Contents.

1. Introduction.....	3
2. Project GitHub.....	3
3. Modules in the Project.....	4
4. Technology Used in the Project.....	4
5. SprintWise Work.....	5

## ***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.

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### ***3. Modules in the Project.***

- a. Registration Page.
- b. Login Page.
- c. User Login.
- d. Admin Login.
- e. Dashboard.
- f. Search Products.
- g. Add Cart/View Cart.
- h. View Previous Active Orders.
- i. Payment Gateway Page.
- j. Order Summary Confirmation Page.

### ***4. Technology Used in the Project.***

a. **Front End:**

HTML.

CSS3 and Bootstrap4.

TypeScript.

Angular, Angular Material for View.

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.

f. Back End:

Eclipse IDE.

Java Programming.

Searching and Sorting

Spring Boot DevTools.

Spring Web and Spring Data JPA.

g. 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.

<b>Epic</b>	<b>User Story Id</b>	<b>Feature/Title</b>	<b>User story</b>
<b>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)</b>	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 E-Commerce 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 E-Commerce 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.
<b>Customer can Filter or Search the products to find the products easily and Add products to cart (Foodbox.com_EPIC_002)</b>	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
<b>Customer can View Cart, Edit cart and Proceed to Payment Gateway (Foodbox.com_EPIC_003)</b>	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
<b>Admin can login, Manage Products, Manage Users, Manage Purchases (Foodbox.com_EPIC_004)</b>	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.
<b>Testing and Bug Fixes.</b>	US501	Testing and Deployment	Testing of Project and Deployment.

**THANK YOU.....**