**A FULL STACK CAPSTONE PROJECT**

***(FOOD BOX)***

***Project Specification***

* **Version History:**

|  |  |  |
| --- | --- | --- |
| 1. | **Author Name** | Deepak Sharma |
| 2. | **Purpose** | Specification of Project. |
| 3. | **Date** | 20 December 2022. |
| 4. | **Version** | 1.0 |
| 5. | **Email id** | [*Deepak.rockstar29@gmail.com*](mailto:Deepak.rockstar29@gmail.com) |

## ***Introduction.***

## Food Box is an online food delivery web application for ordering food items of different cuisines from a restaurant.

## Food Box is a restaurant chain that delivers food items of different cuisines at affordable prices.

# Project GitHub Link.

|  |  |
| --- | --- |
| **Repository Name.** | **Food Box-Capstone-Project** |
| **GitHub Link.** |  |

# 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.
  2. Git: To connect and push files from the local system to GitHub.
  3. GitHub: To store the application code and track its version.
  4. Scrum: An efficient agile framework to deliver the product incrementally
  5. Back End:

1. Eclipse IDE.
2. Java Programming.
3. Searching & Sorting.
4. Spring BootDevTools.
5. Spring Web and Spring Data JPA.
   1. Testing and DevOps:

Selenium. Jenkins.

Docker and Testing.

1. **The flow and features of the application**

* **SPRINT:** Tasks assumed to be completed in the sprint are:
* **Sprint-1:**
* Initialized the project
* Made it Full Stack Capstone Project (Food Box)
* **Sprint-2**
* Planned the structure of the application.
* Made a frontend part of the application.

Login page

Signup page

Food Items

Admin & Customer Portals, etc.

* **Sprint-3**
* Made the Backend part of the application.

User and admin can login and add products.

Customer order list.

Payment status.

Data base connectivity.

* **Sprint-4**
* Testing of the codes and bug fixes Deployed the website using GitHub.