Phase 6 Project

Foodbox (Capstone project)

# Developer details:-

# Inderpreet Kaur Anand

# Sep 21 Cohort

# Submit date: May 2, 2022

### GitHub Link:-

# Goal:-

Foodbox is a dynamic and responsive 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. It was established in 2014 in Bengaluru, India. It had been serving fine all these years, however, the business analysts noticed a decline in sales since 2016. They found out that the online ordering of food items with companies, such as Swiggy and Foodpanda were gaining more profit by eliminating middlemen from the equation. As a result, the team decided to hire a Full Stack developer to develop an online food delivery web application with a rich and user-friendly interface.

**Features of the application**:-

* Registration
* Login
* Payment gateway
* Searching
* Filtering
* Sorting
* Dynamic data
* Responsive and compatible with different devices

**Technologies used:**

* Database management: MySQL
* Backend logic: Java programming, NodeJS
* Frontend development: JSP, Angular, Bootstrap, HTML/CSS, and Javascript
* Automation and testing technologies: Selenium and TestNG
* DevOps and production technologies: Git, GitHub, Jenkins and AWS

# Sprints:

* In first sprint, user interface was designed and frontend pages for login and registration were designed and coded
* In second sprint, backend logic was designed and coding was done for login and registration pages and database was connected
* In third sprint, frontend pages for cart and items were designed and coded
* In fourth sprint, backend logic was designed and coding was done for cart and items pages and database was connected for them
* In all the sprints testing was done using Selenium and TestNG and continuous deployment was done using Jenkins