**Phase 4**

**Course-end Project 2**

**Developer Details :**

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**Project Objective :**

Kitchen Story is an e-commerce portal that lets people shop basic food items on their website. The website needs to have the following features:

· A search form in the home page to allow entry of the food items to be purchased by the customer.

· Based on item details entered, it will show available food items with price.

· Once a person selects an item to purchase, they will be redirected to the list of available items. In the next page, they are shown the complete breakout of the order and details of the payment to be made in the payment gateway. When payment is done, they are shown a confirmation page with details of the order.

result” section allows users to declare the results immediately.

For the above features to work, there will be an admin backend with the following features:

· Admin login page where admin can change password after login if he wants to

· A master list of food items available for purchase

· A functionality to add or remove food items

**Project Overview :**

This Kitchen Story Ecommerce Application Mainly has 2 modules

1.User Module

2.Admin Module

User Module

In this module User can search for Kitchen Products and View them Clearly in a separate page then they can purchase that item user has Cards option to pay.

Admin Module

In this Module Administrator can login to Maintain the records of the Items they can Add or Remove the Items

And if Admin wants He can change the password as well

Data Storage:

As this is a Front end Project we don’t need to use a Database but for data Storing purpose I have used JSON-SERVER with which we can perform Add , Update ,Fetch, Delete

Front End Libraries

For Developing the Front end I have used

Bootstrap

Material Ui

**Project Capability :**

The project is capable of managing food items by admin and also can allow users to search and book food items.

**Project Appearance :**

Appearance of the first screen of the project is the home page containing two options one for searching and booking food items and other is for admin portal

**User Interactions :**

User can interact with application with food items option on the homepage and can go through available food items and can book desired item after payment

**Project Git hub link :**

<https://github.com/SindhujaSeelam/angulardemos/tree/main/myapp/src/app/kitchen-story>

**Sprint Planning :**

I have divided project into 3 sprints.

Sprint 1:

In sprint 1 I have configured all the requirements of the project at first and then designed rough outline of the project. I have first started to designing JSON file consisting of food items data and admin login credentials

Sprint 2:

In sprint 2 I have designed the first screen of the project which consists of entry point to test application. Then started to write key components of the project having html, ts and css pages namely admin, payment, displaying items components.

Sprint 3:

In sprint 3 I have implemented all front end designing to have easy interaction for the users and also coded all the exceptions that can happen while using application and made connection between all the components and html pages.

Concepts Used:

* JSON Server
* Angular
* Html
* Css
* Bootstrap

**Algorithm of Application:**

Step 1: START

Step 2: run ng server

Step 3: run json server command to watch json file

Step 4: open url where server is running(localhost:4000)

Step 5 : Displays home page of the application

Step 6: Choose between admin and food items to book

Step 7: Select one product

Step 8: Provide basic details

Step 9: Do payment

Step 10:Confirmation page

Step 11: STOP