

Phase-2 Project

Kitchen Store

Aravinda Y T
Software Engineer
Dover Corporation.

1. Abstract

The proposed application is an Angular web-app which has most of the components to support a food website. The user can interact with web interface in order to use the application. The web-app is completely coded in the Angular framework and for database connectivity it uses JSON-Server. The website is also supported with Bootstrap V5.1 and routing features.

2. Software Requirements

- Visual Studio Code
- Node.js
- Angular
- JSON – Server
- Bootstrap v5.1

3. Dataflow

To start the web-app, the user needs to install the above-mentioned requirements. Once the environment is set up, then the user needs to navigate the project using command prompt. Once the project starts, the user will be redirected to the home page with two buttons Admin login and Order Food.

If the user opts for admin login, he will be redirected to the login page and he needs to enter the credentials. If the creds are incorrect, the user will stay on same page and an error will be flashed near the login form mentioning ‘incorrect username or password’.

Once the user enters the correct admin credentials, he will be routed to the food components menu page with different food items. This page will contain a logout and Perform CRUD button. The user can go for whatever he wants.

If he presses Perform CRUD button, the user gets an option to perform crud operations on the food list. The user interactions will directly affect the hosted APIs and the food list will be updated from the hosted API, so there won't be any data loss in case of website refresh or restart. Detailed operations are available in screenshots pdf.

After performing all the operations admin can logout, which'll redirect him to home page. Again, a user can press the Order Food button and user will be redirected to the food order page with the food list updated from the API. User can add items whatever he wants, and those items will be reflected in food cart with total bill at its bottom of cart items.

To generate bill, the user can enter his name and press the generate bill button. A modal will pop up from the top with customer name and total bill amount. The modal will also have a button to place order. After pressing that button, a new modal will come with order status.