



Develop a Web Application using frontend stack

Course-End Project 2

Cohort: JG FSJD Nov 2022 COHORT 1

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Source Code Git Location:

<https://github.com/atharzafar/Kitchen-Story.git>

DESCRIPTION

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.

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

Core concepts used in the project:

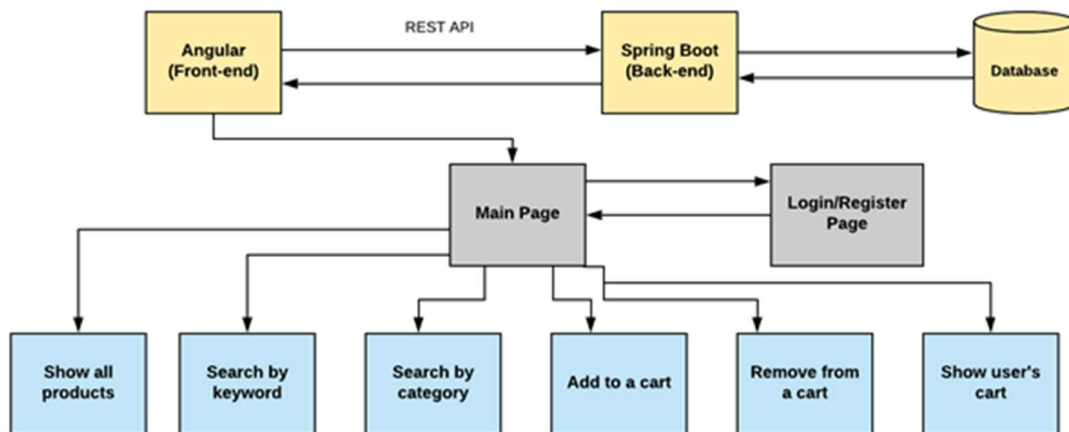
- ➔ VS Code
- ➔ TypeScript
- ➔ HTML
- ➔ CSS
- ➔ BootStrap

Technologies and Tools Used:

Spring MVC: to build web applications as it follows the Model-View-Controller design pattern.

- Java Script: to handle the presentation view more beautiful.
- Visual Studio / Notepad: to Write the code .
- CSS: to format the contents.
- HTML: To make a Structure to websites

Architecture diagram / flow chart



Project Users Stories: (Agile and Scrum) The project is planned to be completed in 3 sprints. Tasks assumed to be completed in the sprint are:

- Creating the flow of the application
- Initializing git repository to track changes as development progresses.
- Writing the Java program to fulfill the requirements of the project.
- Testing the Java program with different kinds of User input
- Pushing code to GitHub.



- 1) As an admin I can Set up a product list of all the shoes.
- 2) As an admin I can Delete any shoe product.
- 3) As an admin I can Manage users.
- 4) As an admin I can change new password.
- 5) As a User, I can add product to the list.

The goal of the company is to deliver a high-end quality product as early as possible.

Sprint 1

- 1) User Can Register the Web Page.

Sprint 2

- 1) Create login and register pages. Show all products to the home page.
- 2) Add products to the cart. Show user's cart. Create user's update page.
- 3) Enable the admin to add a new product. Enable the ability to search for a specific product.

Sprint 3

- 1) Make the admin able to update and remove a product. Make the admin manage the users.
- 2) Make the admin manage the orders. Add CSS file and use Bootstrap to format the pages. Debug and test the project.
- 3) Push the code to the GitHub.

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