**SimpliLearn Phase-4**

**Project Details**

**Project Name:** kitchenstory.com

This project was generated with [Angular CLI](https://github.com/angular/angular-cli) version 12.0.1.

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**Topic:**

This document aims to elaborate the features, the application architecture and flow, the technology used for development and the development plan of the project named KitchenStory, an e-commerce website for shopping household items and food.

**GitHub Repository Link:**

<https://github.com/simplilearn-sonali>

**Application Purposes:**

The application is built for following purposes:

* A sign-up form for guest to register as member user.
* A login form for signed-up user to sign-in to do shopping.
* The product catalog pages grouped by categories, displaying image, name, and price of the available products.
* The product details page displaying image, name, short description, long description and price of a product and allow user to add the product to cart
* The bag page displaying bag items with product image, name, short description, quantity and total price. The page also allow user to update the bag item’s quantity or remove the bag item. User can subsequently proceed to checkout from the bag page after finished shopping.
* A payment page displaying the total price summary and the payment form for user to fill-in credit or debit card details. Payment is done via dummy payment gateway.
* An order confirmation page displaying ordered items’ image, name, short description, quantity and price.

## **Development server**

Run ng serve for a dev server. Navigate to http://localhost:4200/. The app will automatically reload if you change any of the source files.

## **Code scaffolding**

Run ng generate component component-name to generate a new component. You can also use ng generate directive|pipe|service|class|guard|interface|enum|module.

## **Build**

Run ng build to build the project. The build artifacts will be stored in the dist/ directory.

**Agile Methodology Sprint Planning:**

Planned to complete the Application in 3 sprints of 1 week duration each. Tasks completed in each Sprint:

Sprint-1

* Admin can change the password.
* Admin can manage all the products.

Sprint-2

* Admin can categorize all the products based on brands, size & price.
* Admin can browse the list of users who signed up & can be able to search users.
* Admin can see purchase details of all the products filter by date & category.

Sprint-3

• Testing.

## **Running unit tests**

Run ng test to execute the unit tests via [Karma](https://karma-runner.github.io/).

**Running end-to-end tests**

Run ng e2e to execute the end-to-end tests via a platform of your choice. To use this command, you need to first add a package that implements end-to-end testing capabilities.

## **Further help**

To get more help on the Angular CLI use ng help or go check out the [Angular CLI Overview and Command Reference](https://angular.io/cli) page.