

React1 Guided Project

Introduction

This week we will be building an **E Commerce Application** in ReactJS. We will build components and pages for login functionality and displaying the home page(products list page).

To run the React App in the localhost kindly follow the below mentioned steps -

1. Download and extract the **02_React1 Guided Project_Source Code** folder from the **02_React1 Guided Project_Source Code.zip** folder
2. The 02_React1 Guided Project_Source Code folder contains a sub folder named **ecommerce_app_client** folder.
3. Open a terminal and navigate to the **ecommerce_app_client** folder in it.
4. Run the *"npm install"* command to install the required packages. This will create a new folder named node_modules in the ecommerce_app_client folder.
5. Run the *"npm start"* command to run the application with the localhost.

Housekeeping points

- This is a minimal example and may not follow some standard practices.
- We focus on the main flow, and not much error handling.

Problem Statement

1. Build Components

- We will build components like Header, Footer, AlertMessage which will be used in our application.
- We will also build a component named Product to display individual products as Bootstrap cards.

2. Build Pages

- We will build a LoginPage and a ProductsListPage(visible once the user is logged in).
- For LoginPage we will make use of users.js and credentials.js files in which we will store user details.
- For the ProductsListPage we will make use of the products.js file which has details of all products.
- In the App.js file we will conditionally render either the Login Page or the Products List Page.