# 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.

1. **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.