

Expert User Documentation

General Installation Requirements

1. Download VS Code (to look at the code)
 - a. <https://code.visualstudio.com/download>
2. Install React
 - a. <https://reactjs.org/docs/create-a-new-react-app.html>
3. Download Postman Desktop app (to test backend)
 - a. <https://www.postman.com/downloads/>

Frontend Instructions

1. Open your terminal or shell
2. Create a new directory where you can clone and run the project
3. Once inside this directory, run 'git clone <https://github.com/mitrjain/eCommerce>'
4. Change to the 'dev/frontend' directory
5. Run 'npm ci'
6. To run the project 'npm start'
7. You should see the website being displayed in '<http://localhost:3000/>'

Backend Instructions

Running the backend

AWS: The backend server is already live and hosted on the AWS EC2 instance. The IP address of the EC2 instance is mailed to the professor and the grader. For security reasons it is not present on this document (which is a part of a public github repo)

Localhost: Alternatively you can choose to run this backend server on your localhost using the following instructions:

1. Clone the repo: 'git clone <https://github.com/mitrjain/eCommerce>', if you havent before.
2. If you have already cloned the repo, simply navigate to the 'dev/backend' directory via your terminal
3. Paste the .env file provided to you via the project members through email. If the file name is just 'env', then after pasting it into the directory rename it to '.env'
4. Run the command 'npm ci'
5. To start the backend server on your localhost, run the command: 'npm run start'
6. The backend API server is now live and running on '<http://localhost:3000/>'

Testing the backend:

Use Postman desktop app to test the backend. Postman workspace is shared with the professor and the grader at their respective sjsu email ids. Please accept invitation and navigate to the 'eCommerce APIs' Workspace. There is only one API collection present: 'eCommerce-backend'

APIs'. At the end of every week when we finish out milestones we have certain working APIs and certain 'In-progress APIs'. At the time of updating this document the working APIs ready to be tested are:

- Server Check
- Add a product
- Delete a product