



Frontend Software Developer Internship - Assignment

Build a React application to manage and display an inventory of items (objects) for an e-commerce store frontend, similar to Amazon/Flipkart. Consider that this store allows users to shop for mobile phones.

1. Make use of Redux and Redux Toolkit as the data store.
2. Use a CSS framework of choice (e.g. Bootstrap).
3. Create a Github repo for this project along with a proper README enlisting the steps to run the project.
4. Follow good coding practices like separate modules, components, functions and documentation for production level implementation.
5. Optional: Deploy on Heroku/Netlify or any other relevant environment.

Features:

A. Object management:

1. User should be able to add a new inventory item by providing details like object name, description and other attributes. Assume attributes for mobiles by yourself like Brand name, RAM, internal storage, screen size etc. to name a few.
2. User should be able to edit the object values.
3. User should be able to delete an object from inventory.

B. Listing Page:

1. All the available items in the inventory should be displayed on a listing page.
2. Provide filter and sort options.
3. There should be two types of views:
 - a. List view
 - b. Gallery View

Use appropriate UI components to show the object and some of its attributes.

C. Object details page

1. For any particular object, the user should be able to view all its details.
2. When a user clicks on any item on the Listing page, open its Object details page.

Use appropriate UI components to show all the attributes of the object.

General directions:

1. Refrain from plagiarism. Showcase your original thought and work.
2. Make assumptions and use dummy data and text as required.

How to submit:

Share your Github repo link and any deployment links by mailing them on careers@themangojelly.com

All the best!