

Machine Test – Website to manage Products

Time Duration: **3 hours**

Design and develop a single page website for below functionalities.

1. Login Functionality (can use json file or dummy api)
 2. Menu for **Product** and **Category**.
 3. There will be button of “Add Product” on Product section, and button for “Add Category” on Category section.
 4. **Product section:** It will list of all the products (Applying Pagination will be a plus) along with Add Product button.
 5. **Category section:** and list of all categories below the Add Category button. It will list of all the categories (Applying Pagination will be a plus) along with Add Category button.
 6. Clicking the **Add Product** button a form will be shown for adding the below information.
 - Product name (Should allow alphanumeric, dash, commas, and underscore)
 - Product Category (List of all categories in drop down)
 - Product description
 - Product Picture (Should allow to upload PNG, JPEG, GIF images only)
 - Product price
 - Quantity in stock
 7. Clicking the **Add Category** button a form will shown for adding the below information.
 - Category name
 8. Listing the added categories using Data table/ Ag-grid format. Action for Edit and Delete of the selected category.
 9. Show below products listing using DataTable/ Ag-Grid format:
 - Product name
 - Product Category
 - Product description
 - Product image thumbnail
 - Quantity in stock
 - Action for Edit and Delete of the selected product.
- Note:
1. You need to follow appropriate HTML design standards (lightweight design), if possible use Bootstrap.
 2. Need to follow appropriate coding standards.
 3. Apply Client side validations.
 4. You have to use Redux.