

Inventory Manager App

Description

The Inventory management applications allows Store managers to manage (create, read, update and delete) clothes for their stores.

Requirements

- The clothes should be stored in database and should contain the following information:
 - Name
 - Type
 - Quantity
 - Size
 - Single Price
 - Picture
 - Description
- The application's landing page should show a table displaying the available clothes in the store. The table should contain:
 - Name
 - Type
 - Quantity
 - Single Price
- The table should allow sorting by all columns in both ascending and descending order.

- Clicking a row of the table should open details view. The detailed view should show all of the available information for the chosen product.
- The details view should provide the option to edit and delete products from the catalog. Both options should update both UI and the database.
- On the app's landing page, there should be an Add option, which should lead to an Add New view, where a new item can be added to the database
- The website should be responsive. It should look good on phones, tablets and desktop

Non Mandatory Requirements

- Implement search/filtering on the items table
- Implement Login
- Implement Roles
 - Admin - can add, delete and edit items
 - Viewer - can only view
- Use SASS/LESS
- Use Bootstrap
- Implement Unit Tests for the backend
- Implement Acceptance Tests for the frontend

Technologies

Option A Use

ASP.NET MVC

Option B

Use ASP.NET Web API 2 for the backend and AngularJS for the frontend

Option C

Use Java for the backend and AngularJS for the frontend