Requirement:

**Electronic shop inventory management**

**User roles:** Admin, Sales manager, Salesperson

1. All roles should be able to view gadgets and their specifications
2. All roles should be able to see if item is in stock/ out of stock
3. Admin should be able to add a new gadget. Gadgets can have different number of specifications
4. Admin should be able to modify an existing gadget
5. Admin should be able to delete a gadget
6. Items remaining in stock for more than a year should be flagged
7. Sales manager should be able to move flagged items to discount section if required

**Features that can be used/ explored according to your convenience:** NgRx, lazy loading of modules, custom directives, pipes, reactive forms, router guard, Angular material (<https://material.angular.io/>)

Feel free to add to/ modify some of the above requirements according to the areas that you wish to explore.

**Note:** No need to implement backend. Can use JSON server or local JSON file

1. Angular version: v14.0
2. Feature are used:
   1. Angular bootstrap.
   2. Angular material
   3. Lazy loading to routing.
   4. Angular Form Module.
   5. Pipe: Filter on product name.
   6. Directive: Highlight the product name on mouse hover.
   7. Json Server

* **Project setup steps:**

1. Download the below given solution file.
2. Install the node module.
   1. npm install
3. Run the angular cli command.
   1. npm start
4. Launch the requested compiler URL in browser.
   1. \*\* Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ \*\*

**Screens**

**Login screen:**

Graphical user interface, application, Teams

Description automatically generated

**Dashboard Page**

Graphical user interface, application, table

Description automatically generated

**Add Product screen:**

Graphical user interface, application, Teams

Description automatically generated

**Edit and Delete option for Admin:**

Graphical user interface, application

Description automatically generated

**Custom filter and Custom Directive:**

Graphical user interface, application, table

Description automatically generated

**Info Icon: (Show Details)**

Graphical user interface, application

Description automatically generated