

## Class Activity 2

### Group members:

1. Student 1: Rex Marciano
2. Student 2:
3. Student 3:

### Rubric:

Criteria	Max	grade	Feedback
CSS styles for table headers, and fonts	5		
Angular components, service, Interface, class, etc	25		
Mock database	5		
Correct components structure	5		
Total	40		

**Objective:** In this activity, you will develop an Angular application that showcases your skills in component creation, data handling, and styling.

### **Instructions:**

1. **Header Component:**
  - o Create a component that displays a header that displays the name of your store.
2. **Product List Component:**
  - o Implement a component that displays a list of products in a table format. Each product should have the following attributes:
    1. Code
    2. Name
    3. Price
    4. Description
    5. A field indicating how many articles of this product are currently reserved.







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- o Add two buttons for each product:
  1. One button to increase the number of reserved articles.
  2. Another button to decrease the number of reserved articles, ensuring that this value cannot drop below zero.
- o Include a final row in the table that calculates and displays the total price of all reserved products.
- 3. Footer Component:**
  - o Create a component that displays a footer containing the copyright symbol (©) and the names of your teammates.
- 4. Mock Database:**
  - o Utilize a service to simulate a mock database that contains the product data and provides it to the product list component.
- 5. Styling:**
  - o Write basic CSS to style the product table for better readability and aesthetics.
  - o Design a footer with CSS that includes the developer's name and copyright information.

### Screenshot examples







- Capture a screenshot of the application immediately after it loads. This should display the header, the product list table with initial product details, and the footer.

#### SmartShopper Warehouse

Code	Name	Price	Description	Reserved	Actions
P001	Gourmet Coffee	15.99	High-quality roasted coffee beans	0	 
P002	Organic Almonds	12.49	Raw organic almonds	0	 
P003	Natural Honey	8.99	Pure honey from local farms	0	 
Total Price				0	
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- Capture a screenshot after reserving 2 units of **P001** and 1 unit of **P003**. Ensure that the updated Total Price reflects these reservations accurately.

#### SmartShopper Warehouse

Code	Name	Price	Description	Reserved	Actions
P001	Gourmet Coffee	15.99	High-quality roasted coffee beans	2	 
P002	Organic Almonds	12.49	Raw organic almonds	1	 
P003	Natural Honey	8.99	Pure honey from local farms	0	 
Total Price				44.47	
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### Deliverables:

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- o Submit the src folder of your Angular application code on myCourses. This should include all components, service files, and stylesheets.
  - 1. Only one student from each group should submit the assignment.
  - 2. **Compress your folder** into a zip file named `src.zip` before submitting.
- o Be prepared to demonstrate and present the functionality of your application in class.
- o You are not permitted to use ChatGPT or any similar AI tools while completing this assignment. Any similarity between your code and that generated by AI will result in a zero for this activity and will be reported to the academic integrity committee for a violation of academic standards.