**Grocery Shop Management Application**

**Objective:** Develop an application that allows users to manage the inventory of a small grocery shop. The application must provide functionality for users to control and track all products in stock.

**Requirements:**

1. **Product Management:**
   * Track the quantity of products in stock.
   * Manage product prices.
   * Monitor expiry dates.
   * Record the date of purchase.
   * Identify the aisle/location where each product can be found.
2. **Aisle Management:**
   * List all aisles.
   * Create new aisles.
   * Update existing aisles.
   * Delete aisles.
   * List all products that belong to a specific aisle.

**Technologies:**

* .NET Core API
* Angular (version 17+)
* MongoDB

**Evaluation Criteria:**

* Implementation of the Service Repository Pattern.
* Adherence to best practices in coding for both Back-end and Front-end.
* Proficiency in TypeScript, including Class, Interfaces, Interceptos, AuthGard, and other Angular concepts.
* Understanding and application of Object-Oriented Programming principles.
* Knowledge of MongoDB concepts and practices.

**Submission:**

* Please upload the solution in GitHub and provide the URL project solution