**Project Participants:**

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**Title:**

Ecommerce-Store

**Executive Summary:**

This is an E-Commerce API project developed using Spring Boot which allows managing users, orders, products, and categories for an online store.

**Initial Features:**

The domain model of the API consists of the following entities:

* User: Represents the store users with attributes like name, email, phone, and password.
* Order: Represents the orders placed by users, with information such as order date and status.
* Category: Represents the categories of products sold in the store.
* Product: Represents the products available for purchase, with information like name, description, and price.
* OrderItem: Represents the items of an order with a many-to-many association with products, including additional attributes like quantity and unit price.

The project follows a logical layers structure for better code organization:

* Domain: Contains the classes representing the domain model of the application (entities).
* Repositories: Contains the JPA repositories that interact with the database.
* Services: Contains the business services that perform the API operations.
* Resources: Contains the REST controllers that define the API endpoints.

Database Configuration:

The API uses MySQL as the database for development and testing.

**Final Reminders:**

* This project should be written following the pattern implemented in one of the following projects:  **pet-parks**, **dog-rescue** or **pet-store**.
* Use **JPA** to create a **REST API Server.**
* Test your REST API Server using **Postman, Swagger,** or **AdvancedRestClient (ARC).**
* **Have fun**.  Choose a project that interests you, and make it your own.  ***The best final projects are the ones that are interesting and useful to the one writing the software!***