

Workshop II

Redefine user histories.

As the customers we want a catalog of electronic devices with detail information, good offers and authentication, so what we can do the buys and enjoy a better experience

| Electronic Device | |
|---|------|
| ID Validation Name Validation Brand Validation Stock Validation Increase Stock Decrease Stock Warning on Low Stock String Representation | none |

| Category | |
|---|------------------|
| Return the name of the category. Add a new device to the category. Display a list of all devices in the category. Retrieve a device by index. Removes a device from the category. Search for devices by name. Search for devices by brand. Search for devices with stock. Generate a warning for low stock devices. | ElectronicDevice |

| Catalog | |
|--|---------------------------|
| Adds a new category to the catalog. Removes a category from the catalog. Displays a list of all categories. Adds a product to a category. Displays products in a category. Retrieves a product by index. Searches for products by name. Searches for products by brand. Searches for products with stock. Searches for products with low stock. | ElectronicDevice category |

| shoppingCart | |
|---|------------------|
| Adds a product to the cart. Clears the shopping cart. Calculates the total price. Displays the products in the cart and total. Removes a product by ID. | ElectronicDevice |

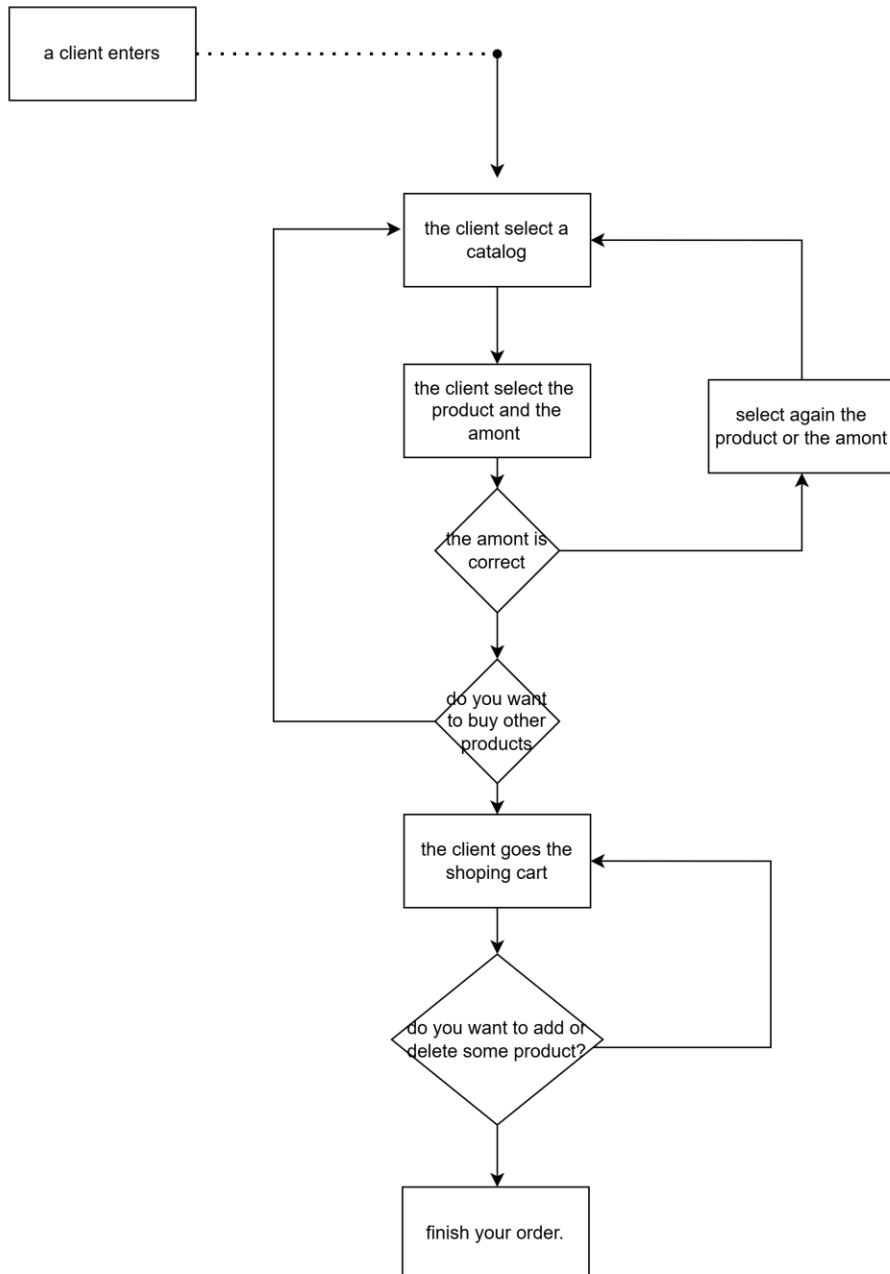
| Address | |
|--------------|------|
| set zip code | none |

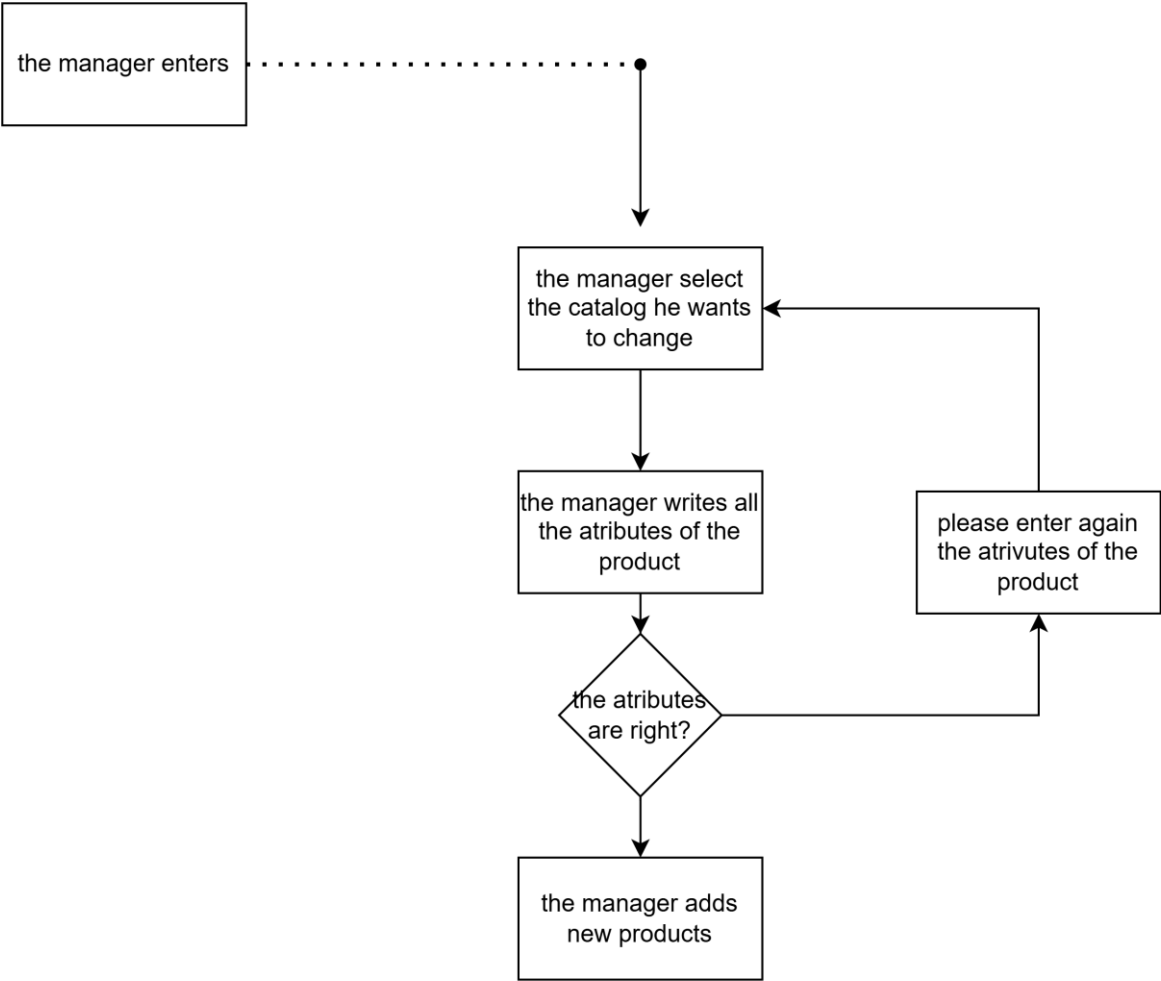
| AbstractUser | |
|---|-----------|
| add phone calculate age validate grants | Date time |

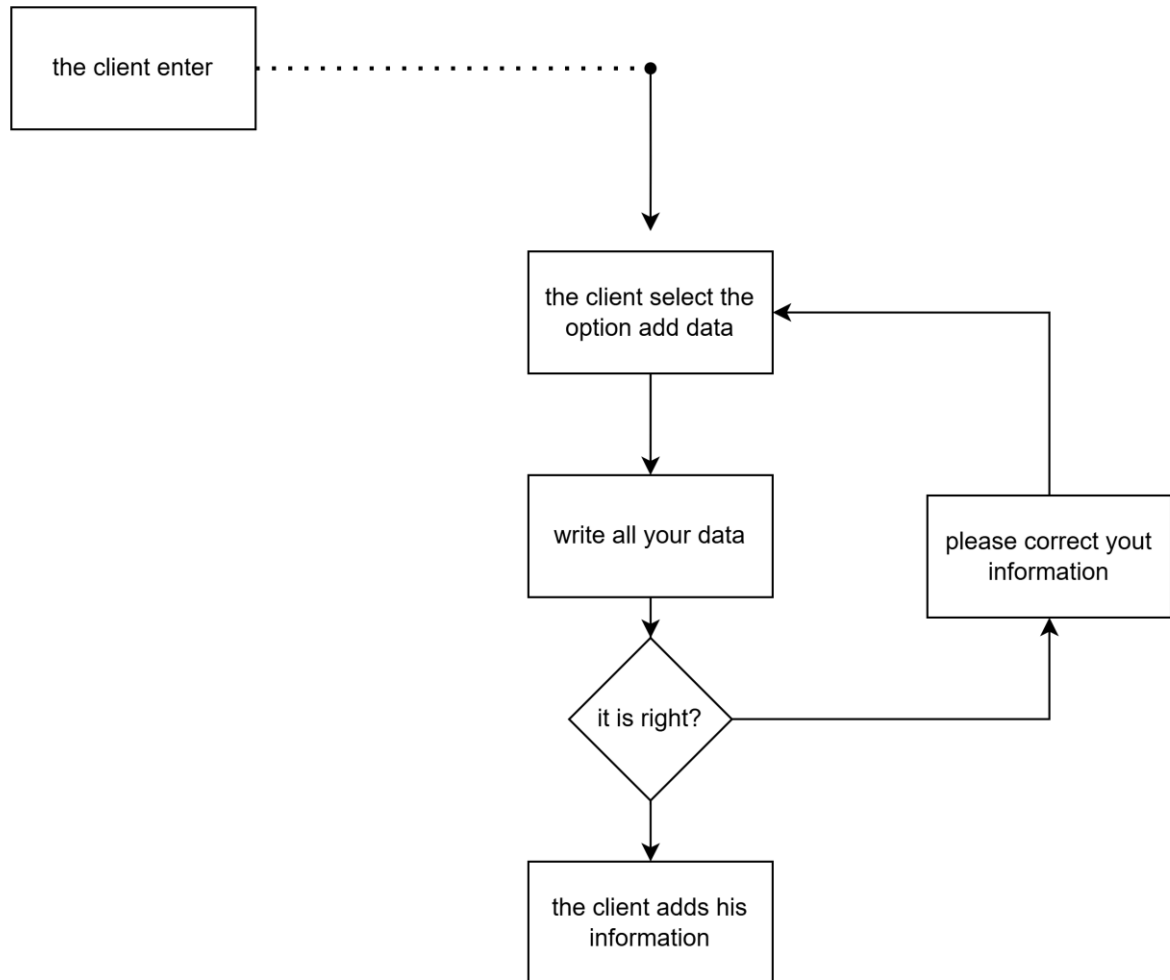
| Cliend | |
|---|-------------------------|
| add address create grants validate grants | Address AbstractUser |

| manager | |
|----------------------------------|--------------|
| create grants validate grants | AbstractUser |

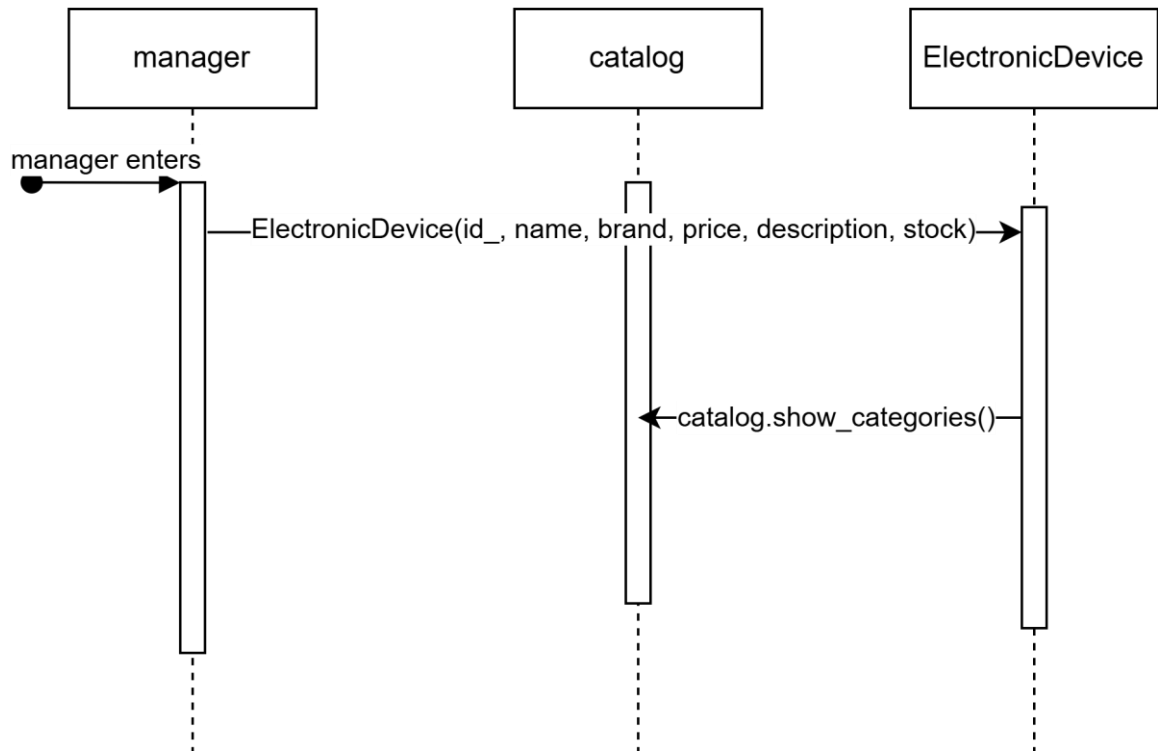
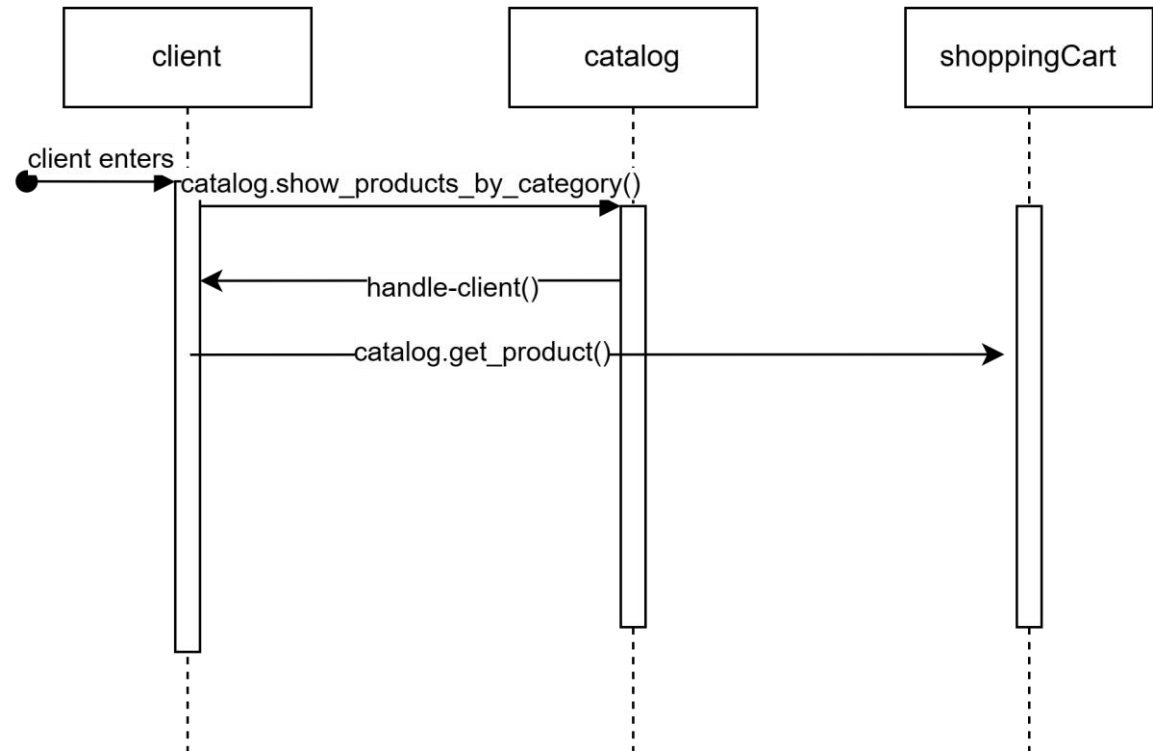
activity diagrams







sequence diagrams



Class diagram

