**CRC**

**Team Name: AlphaSquad**

**Class Name: Admin**

**Description:** Represents an administrator in the e-commerce system.

**Responsibilities:**

* + View Products
  + Add Products
  + Remove Products
  + View Orders

**Collaborators:**

* + Products
  + Firebase

**Class Name: Customer**

**Description:** Represents a customer in the e-commerce system.

**Responsibilities:**

* + Add Products to Cart
  + Remove Products from Cart
  + View Cart
  + Checkout

**Collaborators:**

* + Product
  + Orders
  + Firebase

**Class Name: Orders**

**Description:** Represents orders in the e-commerce system.

**Responsibilities:**

* + Manage the date and time when the order was placed
  + Manage the total cost of the order

**Collaborators:**

* + Customer
  + Product
  + Firebase

**Class Name: Product**

**Description:** Represents a product in the e-commerce system.

**Responsibilities:**

**Responsibilities:**

* + Store and manage the price of the product.
  + Store and manage the image or image location associated with theproduct.

**Collaborators**:

* + Customer
  + Admin
  + Orders

**Class Name: Firebase**

**Description:** Represents the Firebase services used in the e-commerce system.

**Responsibilities:**

* + Authenticate Users
  + Store user details and product information

**Collaborators:**

* + Admin
  + Customer
  + Orders
  + Product