# Class Diagram

# Detailed Function:

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| Role | Function(s) |
| Common Function | - View a list of products - Filter products - Sort products on price - Search a product - View a blog - Login |
| Admin | - Add a new product - Create a new category - Add a product variant - Delete a product - Change product information (name, description, status, …) - Disable the product - Create a blog - Delete a blog - Modify blog content - Disable the blog - Create an order - Delete an order - Modify an order - Create a user - Delete a user - Modify a user - Authorization: Admin or User - Update inventory - Add a vendor - Modify vendor information - Delete a vendor - Best sell products - Best customer - Cheapest products from vendor - Product Inventory |
| Employee | - Update an order - Create an order - Update inventory - Create inventory - Add a new blog - Modify a blog - Delete a blog |
| Client | - Buy a product - Add a product to Cart - Create an order - See a history order - Change client information |

# Group Function