**Objective:** This project is for a computer parts shop. The User can login and buy computer parts. The Admin can add users, products, and perform other administrator activities.

Roles and responsibilities.

## Admin

* Login
* Add User
* Remove User
* View Products (Override to see extra columns)
* Add Customer
* Remove Customer
* Add Special Sale
* Edit Special Sale.
* Remove Special Sale
* Same functionality as a user
* Override certain functionality if it is a user

## User (Client)

* Login
* View Products.
* View Products by Filter. Filter Products.
* Sort products. (Use Sorting Algorithm)
* View Order Information
* View Account Information
* Buy Item.
* Un-Buy Item.
* Sell Item
* Add item to Wish List.

## Products

Hard drives

Desktops

Laptops

Phones

Headphones

## TODO

* Admin User extend User.
* Create Use Case
* Create More Technical Document TDD.
* Create UML Diagram.
* Create Program Flow Diagram.
* Use Case
* Precondition: User has entered the valid conditions
* User login: with right conditions
* Should I include forms in UML design? (Probably not)
* Add Brands to products.
* Extend Product class for different product objects.
* Create PseudoCode view for each method created for easily understanding for development or PseudoCode for a particular functionality.
* Create a Standard design document.
* UML diagram
* Class Diagram.
* Requirements
* Technical document low level. Describes each method.