**Sell and Buy Management System Functional and Non-functional Requirements**

**Inventory management System**

**Functional Requirements**

* Log in
* Change password
* View inventory items
* Search items
* Cancel receipt
* Produce receipt
* View sold items
* Check stock
* Check inventory status
* View reports

**Non-functional Requirements**

* Performance
* The response time
* Security and privacy
* Availability
* Scalability
* Capacity

**Technical Requirements**

* Well-supported
* High availability/reliability
* User can change their own password
* Opportunity to configure with password expiration history and intruder lockout

**Order**

**Functional Requirements**

* Add items to the shopping cart
* Delete added items
* Update shopping cart

**Non-functional requirements**

* Scalability
* Capacity
* Availability
* Reliability
* Recoverability
* Maintainability
* Serviceability

**Technical Requirements**

* Facility for user to update/delete their shopping cart when they want to do a any change of order
* Facility for user to delete their selected items from the shopping cart when they want to delete those
* View customer’s order details quickly and clearly when customer want to show it because system is fast enough to handle multiple user

**Payment**

**Functional Requirements**

* Login
* View existing payments
* View payments reports
* Check payment status

**Non-functional Requirements**

* Performance
* Response time
* Security and privacy
* Interface requirements
* Maintainability requirements

**Technical Requirements**

* Well supported
* Facility for users to change their own password, if they don’t know the old password

**Accounts**

**Functional Requirements**

* Login
* View accounts details
* View Accounts Receivable
* Fix accounts

**Non-functional Requirements**

* Scalability
* Capacity
* Availability
* Reliability
* Environmental
* Data Integrity
* Usability
* High security

**Technical Requirement**

* High reliability
* Accessibility
* Adaptability
* User friendly

**Shipping**

**Functional Requirements**

* View shipping companies
* Add shipping companies

**Non-functional Requirements**

* Scalability
* Capacity
* Availability
* Reliability
* Recoverability
* Maintainability
* Serviceability

**Technical Requirements**

* User friendly
* Well supported
* High availability

***Members’ Details***

1. IT number: IT17063760

Name: D.K.Mahawatta

Role: Order and Cart (user can add items to cart, user can update the cart and delete items from the cart)

1. IT number: IT17

Name

Role: Payment ( user can give payment methods whether it is cash or card then if user got the item user have to update whether user paid or not)

1. IT number: IT17

Name:

Role: Inventory (user can add post to the system and user can see all posts which user posted. If item is sold out then that user can delete their post and user can update their posts)

1. IT number: IT17

Name:

Role: Shipping management (there are two types , shipping admin and shipping user .Shipping admin can add shipping companies to the system and if want update and delete and users can view all available shipping companies)

1. IT number: IT17

Name:

Role: User management (if anyone want to the access system then they want to register first then that person want to give user name and password to log and then only that person can access the system)

***Clickable Link (public VCS repo)***

***SE methodologies/Methods***

4 lines from this point to 4th page