**4. System Requirements Specification**

**(a)Use case Diagram: Skipped**

**(b)Brief Description of each use case**

* 1. Login (UC-1)

Staff or Manager or User enters in Unique ID and password which is verified by the computer system. 2. Product Menu (UC-2)

Staff or manager or user can select products which they want to purchase or purchase for the user.

3. Total Items (UC-3)

Totals the items selected from the product menu

4. Look at Item list (UC-4)

Displays an array of the items selected for purchase

5. Management Menu (UC-5)

Displays the management options

6. Set Stock(UC-6)

Sets the stock for the shopping items

7. Cancel Order(UC-7)

Cancels items selected

Effort Estimation:

|  |  |
| --- | --- |
| Use Case | Use case Points/size estimate |
| Orders | 2 |
| Inventory List | 2 |
| productName | 1 |
| productsPrice | 1 |
| Shopping Cart | 2 |
| StockEdit | 1 |
| Cancellation | 1 |

NAP=10

**PM = ( NAP x (1 - %reuse/100 ) ) / PROD**

**= (10 X (1 - %reuse/100)) /PROD**