1. **List of inputs to the system**

**Product**

* Product ID
* Product Name
* Product Description
* Product Composition
* Product Manufacturer
* Unit price
* Unit sale price
* Reorder level
* How to use product
* Product unit description

**Category**

* Category ID
* Category name

**Order**

* Order ID
* Staff ID
* Order date

**Ordetail**

* Order Detail ID
* Order ID
* Unit sale price
* Quantity
* Discount
* How to use
* Total

**Role**

* Role ID (admin, user)
* Role Name (administration, user)
* Description about role

**Staff**

* Staff ID
* Fist name
* Last name
* Date of birth
* Address
* SEX (Male or Female)
* PhoneNo
* Role ID of staff member.
* username
* password

**Supplier**

* Supplier ID
* Supplier name
* Address
* PhoneNumber
* Email
* Tax

1. **List of outputs expected from the system**

For user:

* Product list
* Product available in stock.
* Detail reports on sales.
* Product in each category and it’s price.
* Total money of order.
* Billing report
* Stock income and outcome report.

For admin:

* Revenue report.
* Profit report.
* Inventory report.

1. **Overview of processes onvolved in the system**

* Authentication of existing username and password.
* Save and changes to database (add, delete, update products/categories).
* Search within database.
* General bill for the sales item.
* Validate the inventory stocks.
* General report on minium stock point and order point
* General report for revenue and profit.

1. **Hardware and software required for implementing the project**

|  |  |  |
| --- | --- | --- |
|  | Hardware | Software |
| Client | CPU Core I3  HDD 250gb  Ram 2gb  NIC(Card network) | HDD Window 7, 8 Window 10  JDK8 |