**Store Management System**

**Inventory Management System MODULE:**

**Req. 001:** Here the window for checking the stock in and stock out is displayed in front of the user.

**Req. 002:** The item name and serial number is fed into this module.

**Req. 003:** The internal quantity of the item in the inventory is checked.

**Req.004:** The stock update option is displayed to make any edits to the stock in and stock out of that item.

**Req.005:** The stock data is fed back into the storage management.

**Admin Module:**

**Req.006:** The login window is popped, the username and password are entered.

**Req.007:** The username and password are checked and if they both match with the admin’s credentials then it is directed to admin’s menu.

**Req.008:** The menu has the following options:

1.Add new item

2.Update the price

3.Remove item

4.Check the stock

**Req.009:** In **Add item** function the admin can add the new items into the system and update it accordingly so that the customer can view the new items.

**Req.010:** In **Update the price** function the admin can update the price of the item if it has changed due to some external factors.

**Req.011:** In **Remove item** function the admin can remove item from the system if it is no longer needed or if the item is no longer in demand.

**Req.012:** In **Check the stock** function the admin can get the overall stock of all items in the that he can plan accordingly to update the stock if it’s low.

**Customer Module:**

**Req.013:** The login window is popped, the username and password are entered.

**Req.014:** The username and password are checked and if they both match with the customer’s credentials then it is directed to customer’s menu.

**Req.015:** The menu has the following options:  
 1.Vendor selection

2.Bill generator

**Req.016:** In **Vendor selection** function the customer can select the select a vendor from different vendors for the item.

**Req.017:** In **Bill generator function** the customer can get the total amount of all items he purchased and can proceed to check out.

**PRICE MANAGEMENT MODULE:**

**Req.018:** The main requirement of this module is to give pricing of the required product or stock

**Req.019:** Firstly, The interface should ask for the name of the product. So, for that we will create a function to ask for a given product from a list of available products.

**Req.020:** Then after that it will ask for the quantity of those product for that we’ll take input from the customer.

**Req.021:** At last it should display the price of each and every selected product. A display function would be useful for displaying the pricing of desired selected product along with their quantities.

**REVISION HISTORY**

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| --- | --- | --- | --- | --- |
| Sr No. | Author | Version | Date of Modify | Remarks |
| 1. | Shashank | V 1.0 | 25-10-22 | Tagging and modular approach implementation |
| 2. | Shubham | V 1.1 | 26-10-22 | Updating Inventory  Module |
| 3. | Chanakya | V 1.2 | 27-10-22 | Finalization of Modules. |