**Mini Project**

**On**

**Stationary Shop Management System**

**Table of Contents**

|  |  |  |
| --- | --- | --- |
| **Sl. No** | **Description** | **Page No** |
| 1. | Problem Statement | 1 |
| 2. | Description | 1 |
| 3. | System Requirement | 1 |
| 4. | Research | 2 |
| 5. | Test Plans | 2 |
| 6. | Test Cases | 2 |
| 7. | Conclusion | 4 |

**INTRODUCTION**

Stationary Shop Management System is based on the concept of managing stationery items. There’s no login system available for this system, the user can freely use the system and its feature. This mini project contains limited features, but the essential one

1. **Problem Statement**

To design a system which is used to manage the stationary items in shop that is to enable the shopkeeper to manage the shop by revealing the present status of the shop.

1. **Description**

Stationary Shop Management System is based on the concept of managing stationery items. There’s no login system available for this system, the user can freely use the system and its feature. This mini project contains limited features, but the essential one.

Talking about the features of the Stationary shop management system, the user can purchase all the available items. At first the user has to select whether he/she has to buy books or other stationary item. After that, he/she should enter the quantity of selected items then the system displays total amount. The system doesn’t create an external file to store the user’s data permanently. Stationary Shop Management system is developed using C Programming Language and different variables, strings have been used for the development of it.

1. **System Requirement**

* Now, this method is intended in such the way that it takes fewer resources to figure out work properly. Its own type of minimum needs that we’d like to require care of :
* The system wants a minimum of two GB of ram to run all the options sleek and unforeseen.
* It wants a minimum 1.3 gigahertz processor to run sleek as else which will produce issues.
* The system must be operated by some approved person as wrong hands will build it happy-go-lucky.
* Rest is all up to the user’s usage can take care of hardware
* For security opposing anti-virus is suggested.
* The system is made properly and all the testing is done as per the requirements. So, the rest of the things depend on the user and no one can harm the data or the software if the proper care is done.

1

* All the attributes are working perfectly and if any error is found then it can be removed easily.
* Software requirement is turbo C++, windows

1. **Research**

The main purpose of research is to analyse and carry out attentive research towards the topics involved. This involves conclusion that explain the past and current situation information, arranging literature into certain topics and documenting requirements for the research. By coming across the topic there are different approaches to achieve management of stationary items and different programming languages can be used. It includes many steps to complete as entire management system.

1. **Test Plans**
2. To manage the suppliers that is to insert details, Update it, search and delete
3. To manage the items
4. To display menu of the items available
5. To provide menu of the product sale
6. To give information about the purchase
7. Give alert and validations of items purchased
8. **Test Cases**

2

3

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| --- | --- | --- | --- |
| **Sl. No** | **Test Scenario** | **Step** | **Expected Result** |
| 1 | Verify which option is selected from menu | Go to the selected option in menu | If 1 selected display the sub menu which has options to add, delete, update, provide list of supplier |
| 2 | If 1 is selected from sub menu | It goes to the list of suppliers | Displays the list of suppliers and asks for next choice. |
| 3. | If 2 is selected from the sub menu | Asks the details of new supplier to add | Displays the details entered and with message as record added successfully |
| 4. | If 3 is selected from the sub menu | It goes to the updating of supplier details | Displays the details given and updates the record of supplier |
| 5. | If 4 is selected from the sub menu | Goes to the deleting option | The record of selected suppliers are deleted |
| 6. | If 5 or 6 is selected from the sub menu | It goes to main menu or exit option respectively | For 5 main menu is displayed again and for 6 exit from the screen |
| 7. | From the main menu if 2 is selected | It goes to sub menu having list, add new, update and delete item option | Based on the options selected its displays about the items following similar steps as of supplier |
| 8. | From main menu if 3 is selected | It goes to purchase option which has sub option in it for purchasing new, existing item and record of purchased item | For this option all purchasing options are displayed |
| 9. | From main menu if 4 is selected | It goes to the sale product menu | Display the details based on the option selected in sub menu |
| 10. | From main menu if 5 is selected | It goes to report menu which has sub menu which has sale report purchase report and supplier report option | Based on the options selected the respective reports will be displayed |
| 10. | From main menu if 6 is selected | It goes to exit option | Displays the main window  3 |

1. **Conclusion**

* In this project we have designed a system which enables the shopkeeper to keep a check on the quantity of different items left in his shop.
* Alert message is displayed if any goes beyond a specific minimum number.
* The future of this project would be enabling the shopkeeper to purchase the items automatically online, when it is present in less quantity.
* For this the user will have to specify sites to be referred for certain commodity.

4

4