A Mini Project Synopsis on  **Online Store Management System**

S.E. - I.T Engineering

Submitted By

Lakhsit Patil (20104043)

Siddhant Darekar (20104111)

Shreyash Ghute (20104051)

Kaif Khan (20104128)

Under The Guidance Of

Ms. Shafaque Syed



**DEPARTMENT OF INFORMATION TECHNOLOGY**

A.P. SHAH INSTITUTE OF TECHNOLOGY

G.B. Road, Kasarvadavali, Thane (W), Mumbai-400615

UNIVERSITY OF MUMBAI

Academic year: 2021-22

**CERTIFICATE**

This to certify that the Mini Project report on has been submitted by Lakshit Patil (20104043), Siddhant Darekar (40104111), Shreyash Ghute (40104051), Kaif Khan (20104128) who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in Information Technology, during the academic year 2020-2021 in the satisfactory manner as per the curriculum laid down by University of Mumbai.

Ms. Shafaque Syed

Guide

Prof. Kiran Deshpande Dr. Uttam D. Kolekar

Head Department of Information Technology Principal

External Examiner(s)

1.

2.

Place: A.P. Shah Institute of Technology, Thane

Date:

TABLE OF CONTENTS

1. Introduction.............................................................................................. 1

1.1. Purpose..................................................................................................... 1

1.2. Objectives................................................................................................. 1

1.3. Scope........................................................................................................ 2

2. Problem Definition…………………................................................................. 3

3. Proposed System………............................................................................... 4

3.1. Features and Functionality…………………………………………………....................4

4. Project Outcomes....................................................................................... 7

5. Software Requirements ............................................................................. 8

6. Project Design..............................................................................................9

7. Project Scheduling........................................................................................15

8. Conclusion.....................................................................................................16

**Acknowledgement**

This project would not have come to fruition without the invaluable help of our guide Prof. Shafaque Syed. Expressing gratitude towards our HOD, Prof. Kiran Deshpande, and the Department of Information Technology for providing us with the opportunity as well as the support required to pursue this project. We would also like to thank our teachers who gave us her valuable suggestions and ideas when we were in need of them. We would also like to thank our peers for their helpful suggestions.

**Chapter 1**

**Introduction**

Stationary Store Management is a software application that is designed for the stores that deals in stationeries and other such shops. This system further helps in the maintenance and billing of stocks. The stationary management system is specially designed for the purpose of adding stationary items details. These items will be distributed in different categories, for example, there is different type of Pens and books in the Stationary House i.e. Dollar, Piano and Urdu English so we can search it easily under the appropriate label and inform the customer about their price, Quantity, and Quality if needed. In this system, staff can sign up as a system admin, he/she can have full access to the system for maintaining daily records.

It will be a windows-based application that has been developed to make all the operations fast and easy. The design of the Stationary Management system is easy to use for every type of user because a lot of shops have salespersons which are not well qualified.

This document can also act as a guide for those who wants to develop this software. For a variety of outlets which includes retailers and wholesalers this software can be used. This software will make the process manually and also helps to maintain the records that are related to this subject including the handling of cash flows and stocks. Maintain the account details and sales record is the main aim of this project. It also keeps attacking of the cash transactions. The software Stationary Store Management is used for stationery purposes and it helps to maintain the regular transaction records on the desktop.

* 1. **Purpose:**

1. The main purpose is to provide you with all the accessories needed to operate the daily function and the objective is to make your work life easy by supplying all the items under one roof.
2. Business generally needs stationery for the purpose of making business activities smoother.
3. To give fast and safe services.
4. Will not take any of the user data.

**1.2 Objectives:**

1. Easy shopping.
2. To provide a registration page for User.
3. To provide login page for Admin and User.
4. To provide a system where the stock available in shop will be displayed to customer.
5. To provide a page for adding/deleting products.
6. by supplying all the items under one roof
7. To provide a system where user can place order of any item available in the stock.
8. To provide online payment system for the customer.
9. Easy to purchase.

**1.3 Scope:**

1. This system can be implemented to any shop in the locality having retail outlet chains.
2. The system recommends a facility to accept the orders 24\*7 and a home delivery system which can make customers happy.
3. If shops are providing an online portal where their customers can enjoy easy shopping from anywhere, the shops won’t be losing any more customers to the trending online shops such as Flipkart or Amazon.

**Chapter 2**

**Problem Definition**

Nowadays, in an era that has advanced technology and a place in the world. Everything can be linked only at your fingertips in the times of rapidly developing with the sophisticated technology of today. Therefore, an online stationary store management system is also not lagging behind in introducing a method of keeping an store data systematically and safely. The system plays a very important role in improving the competitiveness of a business.

Usually, organizations today face too many challenges to achieve the cost, speed and reliability. Efficient inventory system really help in order to make sure the store’s performance and data record is always in good condition and secured from abusers. The problem faced by the company is they do not have any systematic system to record and keep their inventory data. It is difficult for the admin to record the inventory data quickly and safely because they only keep it in the logbook and not properly organized.

**Chapter 3**

* 1. Proposed System:

1. Provides a well-defined user interface.

2. Provide User Authentication.

3. Reduce the paper work.

4. Saves the time.

5. User friendly environment.

6. Provide report.

7. Searching is the product is very easy.

* 1. Features and Functionality:

1. All the users can view various products, if they wish to buy any then they have to register and then login to add that product inside their cart.
2. The users or customers can also read the reviews about a product posted by other users before buying it.
3. The users can add as many products he/she wants to their shopping cart.
4. Then the users are able to set the quantity of each added product inside the cart.
5. Finally, while checkout the users can give their address and the mode of payment and place the respective order.

**Chapter 4**

Project Outcome:

* A simple online shopping app designed for all stationery requirements.
* The user can check the available products in the stock.
* User can also place order for the product/s he/she is in need of.
* Cancellation of the order is easily available to the user.
* This application can be very useful in times like the covid, where no one can come out of their houses.
* To access to the system in a safe way.
* User will be able to login & sign up and if the user forgets the password, then they can change too.
* User can add the product to the Add cart.
* After buying user can log out their account.

**Chapter 5**

**Software Stack**

* Development Visual Studio Code IDE 2021-01 (version 1.64)

Visual Studio Code is a streamlined code editor with support for development operations like debugging, task running, and version control. It aims to provide just the tools a developer needs for a quick code-build-debug cycle and leaves more complex workflows to fuller featured IDEs, such as Visual Studio IDE.

* Frontend : Python 3.10.0.

Python is a high-level, general-purpose programming language. Its design philosophy emphasizes code readability with the use of significant indentation. Its language constructs and object-oriented approach aim to help programmers write clear, logical code for small- and large-scale projects.

Python is dynamically-typed and garbage-collected. It supports multiple programming paradigms, including structured (particularly procedural), object-oriented and functional programming. It is often described as a "batteries included" language due to its comprehensive standard library.

* Backend Stack: SQLite 2021-03-26(3.35.3)

Backend Stack: SQLlite3 SQLite. is a self-contained, file-based SQL database. SQLite comes bundled with Python and can be used in any of your Python applications without having to install any additional software.

* 1. Software Requirement: -

• Operating System: - Windows 11

• Language: - Python

• Database: - SQLlite3

• Software Development Kit: - Visual Studio Code

• Database JDBC Drive: -

5.2 Hardware Requirement: -

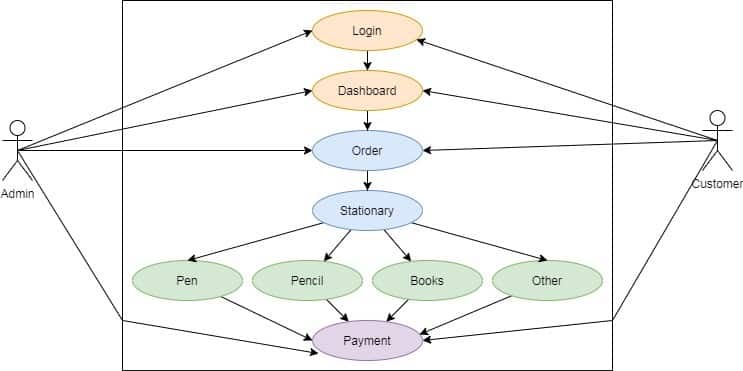
* Ram: - 200MB and above

• Hard Disk: - 20GB

• Processor:- Intel i3 and above / M1 and above

**Chapter 6**

**Project Design**



**Chapter 7**

**Project Scheduling Template**

|  |  |  |
| --- | --- | --- |
| Group Member | Time duration | Work to be done |
| Lakshit Patel  Siddhant Darekar  Shreyash Ghute  Kaif Khan |  | Implementing 1st module/functionality |
|  | Testing 1st module |
|  | Implementation 2nd module / functionality |
|  | Implementation 3rd module / functionality |

**Conclusion**

In conclusion, based on the above stationery shop project report, it is clear that there is a lot of scope for development in the field of stationery in India. Therefore, With the increasing level of education and increasing service sectors like the education and hospitality sector in India, there is a possibility in the future that there will be steady growth in this business in India. The stationery business is still untouched by corporate. In addition, the stationery business does not require much technical expertise. However, this business has a huge demand-supply gap, fragmented, and huge growth potential in the market. Therefore, one can easily start a business with the right location selection and marketing strategies.

**References**

* Declaration ---https://www.slideshare.net
* Introduction to visual studio Microsoft.com/Wikipedia.com
* Introduction to SQLlite3 <https://www.tutorialsweb.com>
* Homepage design: <https://own.com>
* Introduction to Visual Studio Code Microsoft.com/Wikipedia.com