

LITTLE ROCK INDIAN SCHOOL

BRAHMAVAR – 576 213

PROJECT REPORT

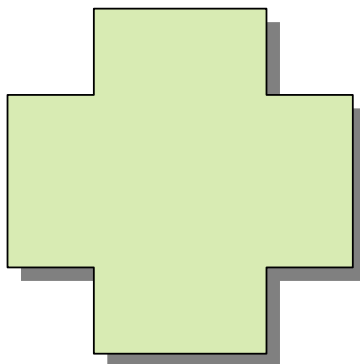
XI & XII

Computer Science

2018-2020

“MedStore”

Making Communities Healthier



Name : ABHIJITH MALLYA

Date :

Reg. No. :

ACKNOWLEDGEMENT

First and foremost I would like to thank the esteemed institution for giving an opportunity to do a project on Computer Science .I would like to extend my gratitude to our Director Prof. Mathew C Ninan , Principal Dr. John Thomas and the school management for their endeavoring support and guidance.

Also special thanks to my Computer Science teacher Mrs. Sona Maria Fernandes who was my guiding lamp.

I would like to thank my parents, lab faculty, family members for their support and help.

ABHIJITH MALLYA

INDEX

<u>S.No.</u>	<u>Topic</u>
1	Aim
2	Introduction
3	Basic principles and working
4	Algorithm
5	Source Code
6	Output
7	Limitations
8	System Requirements
9	Conclusions
10	References

AIM

This project is gives the Med store's a facility to do their day to day transactions (between the customer and retailer). We provide a range of Meds which are essential for the user; also he can purchase it with a copy of bill.

The project uses "files" to keep track of every step that takes place in the MedStore.

INTRODUCTION

We are today introducing an app which can enables you to get Medstore at your fingertips. The name of this app is "MedStore" and the name of the Store is also "MedStore". As our tagline states we aim at "Making Communities Healthier".

Medstore is an app and a Store where the customer can pre order his medicines, i.e. we do not provide any kind of delivery services. The customer will also be benefited by this app as he need not wait in the Medstore to collect his Meds.

Also customer has a facility to view his purchase history and edit any of his user details such as password etc. Any further issues can be raised in the "Helpline" box which will be read by the Administrator / Supervisor.

Another unique feature is this app can be used in the administrative mode so that new products can be added, checking customer details, sales history etc.

Basic Principles and Working

As you click on Medstore a loading screen directs you to the main menu. There are several options which is basically divided into 4 section - Shopping, Products, My account, Administrator.

When a new customer visits he can create his account by inputting name, gender, age etc then create a Passcode which is essential for shopping. All these details are stored in a Customer file.

Then you can visit the product list to check the medicines available. Next click on "Buy Medicines" and enter your passcode to start shopping.

While shopping you will have 4 options - Buy Product, View cart, Make payment, Logout.

While buying product, user has to type the name and the product gets displayed along with cost and quantity. After the user specifies the quantity he requires and confirms yes, the product gets added to cart. Later he can click on make payment to finish the process of shopping. In case any product is unavailable he can logout. All the purchase details are stored in History file.

Also the customer has login for viewing his past purchases and also to edit his personal details.

In the Administrator Mode the Admin has 3 Categories - Products, Customers , Sales.

In Products he can add products or edit their details and even delete. From selecting Customers, Admin can get the data of the customer and even the facility to increment his balance . From selecting Sales we get to know the products sold and the value of the goods sold.

From Helpline Customer can raise his/her queries or even complaints , but a constructive feedback is always welcomed . Then by selecting "About Us" users get to know about this Project .

Hope my Program and Project will a user friendly and helpful to the users.

ALGORITHM

Step 1 : Display 7 options

1. Buy Medicine
2. Product List
3. My Account
4. Helpline
5. Admin
6. About US
7. Exit

Step 2 : if(option==1)

{

 If(valid passcode)

{ Display 4 choices :

1. Buy Product
2. View cart
3. Make Payment
4. Logout

if(choice==1)

{Add a item to the cart}

if(choice==2)

{Display cart}

if(choice==3)

{Display the total value of cart and proceed for payment}

If(choice==4)

{logout}

}

Else

Go to step 1

Step 3 : if(option==2)

{display the product list from the file PRD.DAT}

Step 4 : Display 3 Options :

1. New customer
2. Returning Customer
3. Back

if(choice==1)

{Enter your details and get registered}

if(choice==2)

{ if(valid passcode)

User can view his past purchases and edit his password etc.

}

if(choice==3)

Go to step 5

Step 5 : if(option==4)

{raise your queries or complaints by typing in the text file along with your name}

Step 6 : if(option ==5)

if(valid admin_password)

{ Display 4 options :

1. Products
2. Customer
3. Sales
4. Logout

if(choice ==1)

{Display 2 options

1. Add product
2. Search Product

If(choice==1)

{Add the details of new product}

If(choice==2)

{Search the product based on name and all see
its details and edit if needed}

}

If(choice==2)

{1. See the customer List

2. Search a for a Customer based on name and view,
delete his record.

}

If(choice==3)

{ display the sales of products and also total value of sales take in the store

}

If(choice==4)

{ go to step 7 }

}

Else

Go to step 7

Step 7 : if(option==6)

{View the details of Medstore , about its origin and history}

Step 8 : if (option==7)

{exit}

OUTPUT

DEFINE.CPP

MSTORE.CPP

Limitations

- Online connectivity is beyond the scope of the programming language
- A print or Hard copy of Purchase list is unavailable for the users.
- Concept of Mouse is absent in the above source code.
- Other modes of Digital payment such as Debit, Card or Net banking are unavailable.
- We have a Cart option but items cannot be deleted once the item falls into the cart. But you can logout and re-purchase the medicines
- Details such as the chemical composition, uses of medicines are not specified.

System Requirements

Software:

- Turbo C++
- MS DOS
- Graphics Library

Hardware

- 64 MB RAM
- Intel 80386 Processor or higher
- Secondary Storage : 1 MB Disk Space

Conclusion

This project has helped me to give me a better management in database managements of goods and product. It helped me learn about files, object oriented concepts which are the back bone of todays data base management.

Also it requires lot of determination and patience to tackle with minor bugs which badly effects the execution of the code. Thus it has rectified my weak areas and difficulties in data base management.

References

- Computer science text-book Class XI by Sumita Arora
- Computer science text-book Class XII-Part 1 by Sumita Arora