#### **MINI PROJECT**

on

### **Shopping Cart**

# Submitted in partial fulfilment for the completion of BE-III Semester

In

# INFORMATION TECHNOLOGY

By

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Under the guidance of

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# DEPARTMENT OF INFORMATION TECHNOLOGY CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

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2018-2019

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

#### DEPARTMENT OF INFORMATION TECHNOLOGY

(Affiliated to Osmania University)
GANDIPET, HYDERABAD – 500 075



#### **CERTIFICATE**

This is to certify that the project work entitled "Shopping Cart" submitted to CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, in partial fulfilment of the requirements for the award of the completion of 3<sup>rd</sup> semester of B.E in Information Technology, during the academic year 2018-2019, is a record of original work done by **B.AravindKumar** (160117737033), N.Arun Reddy (160117737035) during the period of study in Department of IT, CBIT, HYDERABAD, under our supervision and guidance.

Project Guide Ms. B. Swathi Sowmya Asst. Professor, Dept. of IT, CBIT, Hyderabad. **Head of the Department Dr.SureshPabboju**Professor, Dept. of IT,
CBIT, Hyderabad.

#### **DECLARATION**

I hereby declare that the mini project which we have done was under the supervision of the faculty of our college.

No part of our project has previously been submitted for a degree or any other qualification at this University or any other institution, this has been clearly stated.

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#### **ABSTRACT**

This project allows users to create username and password to ensure user's security. Each user is provided with unique username so that others cannot access his account.

After logging in user wants to select category of his/her wish. User can select wished items and add to the cart and user is provided with the price of the item so that he can manage the budget. This project is offline and in future it can be made online. Payment option is not available for this project and it can be developed further. In this project users can message among themselves, which gives the feedback of any item in the cart. This project is developed using simple C++ concepts and visual C++ compiler.

Submitted by,

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#### **ACKNOWLEDGEMENT**

I would like to express my heartfelt gratitude to Ms.B.SwathiSowmya, our project guide, for her invaluable guidance and constant support, along with her capable instruction and persistent encouragement.

I am grateful to our Head of Department, Dr. Suresh Pabboju, for his steady support and the provision of every resource required for the completion of this project.

I would like to take this opportunity to thank our Principal, Dr. P.Ravinder Reddy, as well as the management of the institute, for having designed an excellent learning atmosphere.

Our thanks are due to all members of the staff and our lab assistants for providing us with the help required to carry out the groundwork of this project.

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#### 1 INTRODUCTION

#### 1.1 Motivation

The main idea behind the project had taken birth when I was shopping in offline stores which took alot of time and different categories are under different stores which created a very difficult problem. So we have created a simple project which enables shopping easy

# 1.2Objective of the project

The main objective of the project was to provide a basic and user-friendly shopping platform in C++.

# 1.3 Tools and Packages

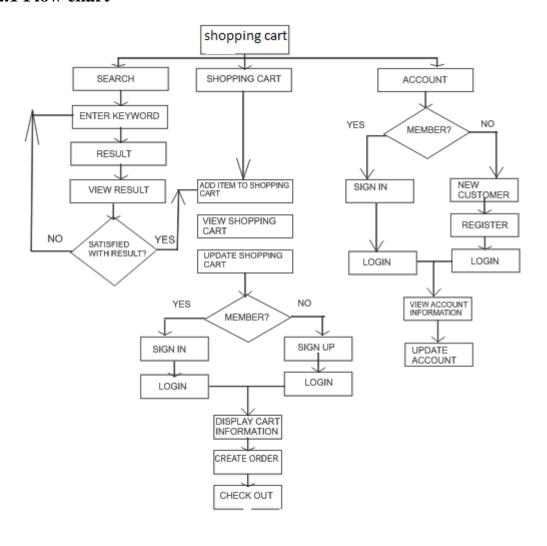
Visual C++ compiler which supports graphics.

#### **Contents**

- 1. User login page.
- 2. Create an account page.
- 3. List of items page
- 4. Adding to cart page

# 2.System Design

### 2.1 Flow chart



#### 3 Software and tools

#### 3.1 C++

#### 3.1.1 Introduction

C++, as we all know is an extension to C language and was developed by Bjarnestroustrup at bell labs. C++ is an intermediate level language, as it comprises a confirmation of both high level and low level language features. C++ is a statically typed, free form, multiparadigm, compiled general-purpose language.

C++ is an Object Oriented Programming language but is not purely Object Oriented. Its features like Friend and Virtual, violate some of the very important OOPS features, rendering this language unworthy of being called completely Object Oriented. Its a middle level language.

#### 3.1.2 Features

- Support GCC based compilers(Mingw included)
- Integrated debugging.
- Support for mulltiplelanguages(localisation)
- Class Browser
- Debug variable Browser
- Code Completion
- Function Listing
- Project Manager
- Makefile creation
- Tool Manager

# 4 Implementation

#### 4.1 Execution

Fig-1 register page

```
ivoid Login::itemslist()
     int ch;
    while (1)
        cout << "1.mobiles" << endl;</pre>
        cout << "2.watches" << endl;</pre>
        cout << "3.dress" << endl;</pre>
        cout << "4.laptops" << endl;</pre>
         cout << "enter the choice" << endl;</pre>
         cin >> ch;
         switch (ch)
            ifstream file850;
            string mob;
            file850.open("mobiles1.txt", ios::in);
            while (file850 >> mob)
                cout << mob << endl;</pre>
             cout << "-----" << endl;</pre>
```

fig-2 login page

# 4.2 Working

# Output 1:-

This is the starting page of the output ,here user will register to their account if they are new to this shopping cart. Then they can login into their account

# **OUTPUT 2:-**

```
1.send
2.read
3.users
4.categories
5.read_cart
6.remove_cart_list
7.itemlist
8.exit
enter the choice4
1.mobiles
2.watches
3.dress
4.laptops
enter the choice
```

After they are registering, they can login as buyer . They can select the category of items mentioned above

# **OUTPUT 3:-**

User selected the mobiles so they are displayed with available mobiles in the cart

# **OUTPUT 4:-**

```
1.sell on cart
enter your choice
1
enter the item
hplaptop
enter the amount
500000
enter teh categorylaptops
1.sell on cart
enter your choice
```

In this user got loggined as seller and they can enter the name of the item along with the price

# **OUTPUT 5:-**

```
1.send
2.read
3.users
4.categories
5.read.cart
6.remove_cart_list
7.exit
enter the choice3
arun
querty
zxcvb
aravind
1.send
2.read
3.users
4.categories
5.read_cart
6.remove_cart_list
7.exit
enter the choice1
enter the choice1
enter the choice1
enter the user name to send
arun
1.send
2.read
3.users
4.categories
5.read_cart
6.remove_cart_list
7.exit
enter the user name to send
arun
1.send
2.read
3.users
4.categories
5.read_cart
6.remove_cart_list
7.exit
enter the user name to send
arun
1.send
2.read
3.users
4.categories
5.read_cart
6.remove_cart_list
7.exit
enter the choice
```

There is an additional feature of sending messages .They can chat with their friends if they know friend's user id.

# **OUTPUT 6:-**

```
1.send
2.read
3.users
4.categories
5.read_cart
6.remove_cart_list
7.exit
enter the choice3
arun
qwerty
zxcvb
aravind
1.send
2.read
3.users
4.categories
5.read_cart
6.remove_cart_list
7.exit
enter the choice 3
```

In this one user can see the total no.of users in this list and we can see the received messages using read option

#### **4 Conclusion**

In this project user and seller first creates a username and password so that another user cannot access his account.It is very secure for a user.

A user can add his wished items to his cart with his choice. A seller adds items with item specifications and its cost. So that a buyer can add items of recent models. It eliminates a lot of difficulty for the scarcity of new items available in offline stores but not in many online stores...

# **5** Future scope

In future we can develop this project can be made online.

We can add payment options to buyieditems. Further it can be developed to eliminate the items from his cart.

Up to now just we can shop limited electronic goods we can add a wide variety of electronic devices as per the market competition.

# 6 Bibilography

# BOOKS:

Mastering in C++ -K.R VenuGopal

Data structures using C++ -Goodrich

WEBSITES

Geeksforgeeks

include help