**INTRODUCTION:**

This is an online shopping application project which is based on c programming . In this project i used switch cases ,function ,array and pointer.It calculate the total ammount for the selected iteam which is selected by customer. This hole project is about making lifestyle easy and confertable.

**RESEARCH:**

**Need of the application**

There are large numbers of commercial Online Shopping websites offering large number of products tailored to meet the shopping interests of large number of customers. These online marketplaces have thousands of products listed under various categories. Problem:

• The basic problems with the existing systems are the non-interactive environment they provide to the users.

• The use of traditional user interfaces which make continuous post backs to the server; each post back makes a call to the server, gets the response and then refreshes the entire web form to display the result. This scenario adds an extra

trade off causing a delay in displaying the results

• A search engine that would display the results without allowing the users to further filter the results based on various parameters.

• Use of traditional and non user friendly interfaces that are hard to use.

**Approach**

Firstly the main menu will be appear on screen to the customer. Then you have to enter you name by which you are going to continue the shopping, than all the available product will appear on your screen.them the customer have to select the iteam or product and than he add to cart. IF customer want to countine shopping than they can add the more iteam in the cart and countine their shopping .Once the shooping is completed than the customer see their iteam,quantity , cost f every product and the total bill. Finally the total amount to be paid on display.

**Hardware specification**

Processor P IV

RAM 250 MB

Minimum Space Required 100 MB

Display 16 bit color

**Software Specification**

Operating Linuxand window

Platform .IIS Visual Studio

Language - c program

Who:

* This is used by the coustumer who want to buy their desier product.

When:

* Some time the product which we want to buy is not easly available ,so that time we provide any desier product.

Why:

* It's a digital form of shopping with ultimate noumbers of brand and with different range.

Where:

* From any place you can buy your product and it will diliver to you in 1 day

How:y.

* Firstly we have to open the application and select the deiser item which you want to buy.
* Than it shows you different brand with different range in price
* than you have select the product and add to cart.
* If you are intrested in other item that it will show you an option or else you can purchase .
* At last , it provide you a proper bill with peice and no. of iteam you purchase .

**SWOT:**

Strengths:

* It give you a comfartable shopping
* It provide varaities you differnt number of brand with good quality.
* Help handicap people for shopping
* Easy to use

Weakness:

* you can not bargain here
* Sometime people did not get desier product and quality
* Delivery time become a major peoblem.

Opportunities:

* The aap can be further devlpe in different platforn and provide more easy to use interface.

Threats:

* Tje major threat in project is quality of product

**HIGH-LEVEL REQUIREMENTS:**

* Users should be able to read data from file.
* The user should be able to modify the data in the file.
* If the application is not working properly, should raise an issue.
* If the application is working properly, showing varities.
* When a user somplete shopping wins, The application should print a message and exit the program.

**LOW-LEVEL REQUIREMENTS:**

* Good readability of the code
* The messages printed by the application should be catchy and encourage the user to purchas more goods