Shri Govindram Seksaria Institute of technology Indore (M.P.)
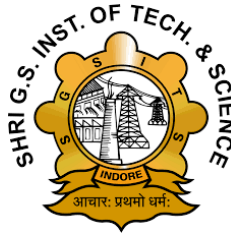
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Programming Practices : Mini Project(Online Shopping)

https://github.com/devidashirve455/Devidas

Objectives

1. The objectives of an online shopping program project refer to the specific goals and outcomes that the project aims to achieve. These objectives guide the project's planning, execution, and evaluation.

Technology Used

C++

Purpose

The purpose of an online shopping program is to revolutionize and simplify the process of purchasing goods and services through digital platforms. It offers unparalleled convenience, allowing customers

to shop from virtually anywhere at any time, eliminating the need for physical store visits. This accessibility extends the reach of businesses, breaking down geographical boundaries and connecting them to a global audience. With comprehensive product information, price comparisons, and secure payment options, it empowers customers to make informed decisions and find the best deals. For businesses, online shopping programs facilitate efficient inventory management, data collection, and marketing strategies, ultimately creating a dynamic marketplace that enhances the customer experience and expands market reach while reducing overhead costs.

Scope

(a) The program should have user-friendly interfaces for both customers and administrators, including web and mobile versions.

(b) It should support product catalog creation, product categorization, and detailed product listings with descriptions, images, and pricing.

(c) Customers and businesses should be able to create accounts and log in securely.

(d) The program should include a shopping cart for customers to add and manage items, and a secure checkout process for order placement.

(e) Integration with various payment gateways to enable secure transactions.

(f) Robust search and filtering options for customers to find products easily.

(g) Managing customer orders, order history, and order tracking features.

(h) Inventory management tools for businesses to track stock levels and receive notifications for low-stock items.

(i) Implementing security protocols to protect user data and transactions.

(j) Ensuring that the program works well on different devices and screen sizes.

(k) Tools for businesses to run promotions, discounts, and marketing campaigns.

(l) Managing and displaying customer reviews and ratings for products.

(m) Collecting data on user behavior, sales, and other key performance indicators for analysis and reporting.

(n) Providing features for customer support, including live chat, email communication, and FAQs.

(o) Supporting multiple languages and regions.

Output

```
/tmp/WtEmtDskrY.o
please press s to start shopping
s
*****Welcom to Online Shopping*****
---------Please follow the instructions----
(1) please enter m to order mobile phones
(2) please enter l to order Laptop
(3) please enter d to order d.v.d
(4) please enter s to order Speaker
(5) please enter h to order headphon
m
Mobile details
(1)Apple=Price : 40000
(2)vivo=Price : 25000
(3)oppo=Price : 20000
(4)Redmi=Price : 30000
(5)samsun=Price : 45000
 Pleas enter your choice
1
enter quantity
1
Total billAmount is40000Do you want shopping again, yes our no
```

Debugging

```
ERROR!
g++ /tmp/WtEmtDskrY.cpp
/tmp/WtEmtDskrY.cpp:18:21: warning: multi-character character constant [-Wmultichar]
   18 |     if(choiceAgain=='yes'){
      |                     ^~~~~
/tmp/WtEmtDskrY.cpp:22:27: warning: multi-character character constant [-Wmultichar]
   22 |     else if( choiceAgain=='no'){
      |                           ^~~~
/tmp/WtEmtDskrY.cpp: In function 'int main()':
/tmp/WtEmtDskrY.cpp:9:5: error: 'cout' was not declared in this scope
    9 |     cout<< " please press s to start shopping"<<endl;
      |     ^~~~
/tmp/WtEmtDskrY.cpp:1:1: note: 'std::cout' is defined in header '<iostream>'; did
   you forget to '#include <iostream>'?
  +++ |+#include <iostream>
    1 |
/tmp/WtEmtDskrY.cpp:9:49: error: 'endl' was not declared in this scope
    9 |     cout<< " please press s to start shopping"<<endl;
      |                                                 ^~~~
/tmp/WtEmtDskrY.cpp:1:1: note: 'std::endl' is defined in header '<ostream>'; did you
   forget to '#include <ostream>'?
  +++ |+#include <ostream>
    1 |
/tmp/WtEmtDskrY.cpp:11:5: error: 'cin' was not declared in this scope
   11 |     cin>>startvalue;
```

```
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(3)oppo=Price : 20000
(4)Redmi=Price : 30000
(5)samsun=Price : 45000
 Pleas enter your choice
1
enter quantity
1
Total billAmount is40000Do you want shopping again, yes our no
```