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SHOP

Online Shopping Cart

Here is where your presentation begins

Team Members

AVULA HARSHITHA ROLL NO :24kb1a0524

FROM

R.CHAMANTH Lahari Roll No :24kb1a05ft

CSE-J

Introduction

* What is an Online Shopping Cart?

* Purpose and Importance in E-Commerce

* How It Works

Previous Cart System:

*Session-Based Carts Only

Items stored temporarily; lost after browser close or timeout.

*No Login or User Accounts

No saved cart history or personalization.

*Manual Payment Handling

Basic checkout with email orders or limited payment methods.

*No Inventory Sync

.Out-of-stock errors common due to no real-time inventory tracking.

*Basic Design

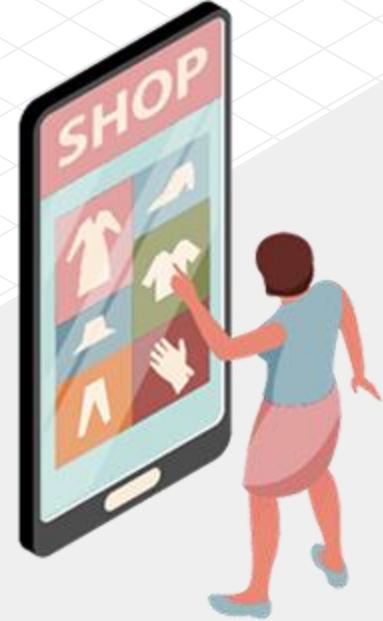Poor mobile support and minimal user interface.

Major Drawbacks

*High Cart Abandonment

*Security Issues

*Lack of Automation

*No Analytics

Objective

*Facilitate Seamless Online Purchasing

*Enhance User Experience

*Enable Efficient Order Management

*Increase Conversion Rates

*Support Multiple Payment & Delivery Options

*Maintain Cart Data Securely

System Overview

*Product Catalog

*Cart Interface

*Check Out Module

*User Account System

*Admin Panel

Technologies And Tools

Language: HTML/CSS/JavaScript (Frontend)

Node.js / PHP / Python (Backend)

MySQL / MongoDB (Database)

Stripe / PayPal (Payment Gateway)

Concepts: Product Catalog,Add to Cart,Shopping Cart,Session Management,Checkout Process,Order Processing,Payment Integration,Inventory Management

Storage: Session Storage, Database Storage,Local Storage

Simulated Cart Data: A Shopping Cart Multiple Times.

Working Flow

01
User Browses Products

02
Adds Items to Cart

03
Views Cart

04
Proceeds to Checkout

05
Payment Process

06
Order Confirmation

Modules In Project

*Product Catalog Module
*Shopping Cart Module
*User Account Module
*Checkout Module
*Payment Gateway Integration
*Order Management Module
*Shipping & Tax Calculation Module
*Admin Panel

Advantages Of Our System

User-Friendly
Interface

Secure and
Reliable
Payments

Promotions &
Discounts

Real-Time
Inventory
Management

Mobile
Responsiveness

Fast and Simplified
Checkout

Challenges

Checkout Complexity

Cart Abandonment

Lack of Mobile Optimization

Security Concerns

Integration Difficulties

Output Images


```
   === Online Shopping Cart ===
1. Add Item
2. View Cart
Enter your choice: 2

Cart is empty.
```

```
   === Online Shopping Cart ===
1. Add Item
2. View Cart
Enter choice:  1
Enter Item ID: 101
Enter Item Name: T-hirt
Enter Quantity:  2
Item added successsfully!
=== Onlne Shopping Cart ====
Enter choice: 2
Entes Ireort:  Cart
1. T-shirt - s1o.o
Enter Item Name: Jeans
Enter Item Price 49.99
Total Amount: 2
Items in Cart:
1. T-shirt - $19.99 x 2 = $39.98
2. Jeans      $49.99 x 1 = $49.99
Total Amount: $89.97
```
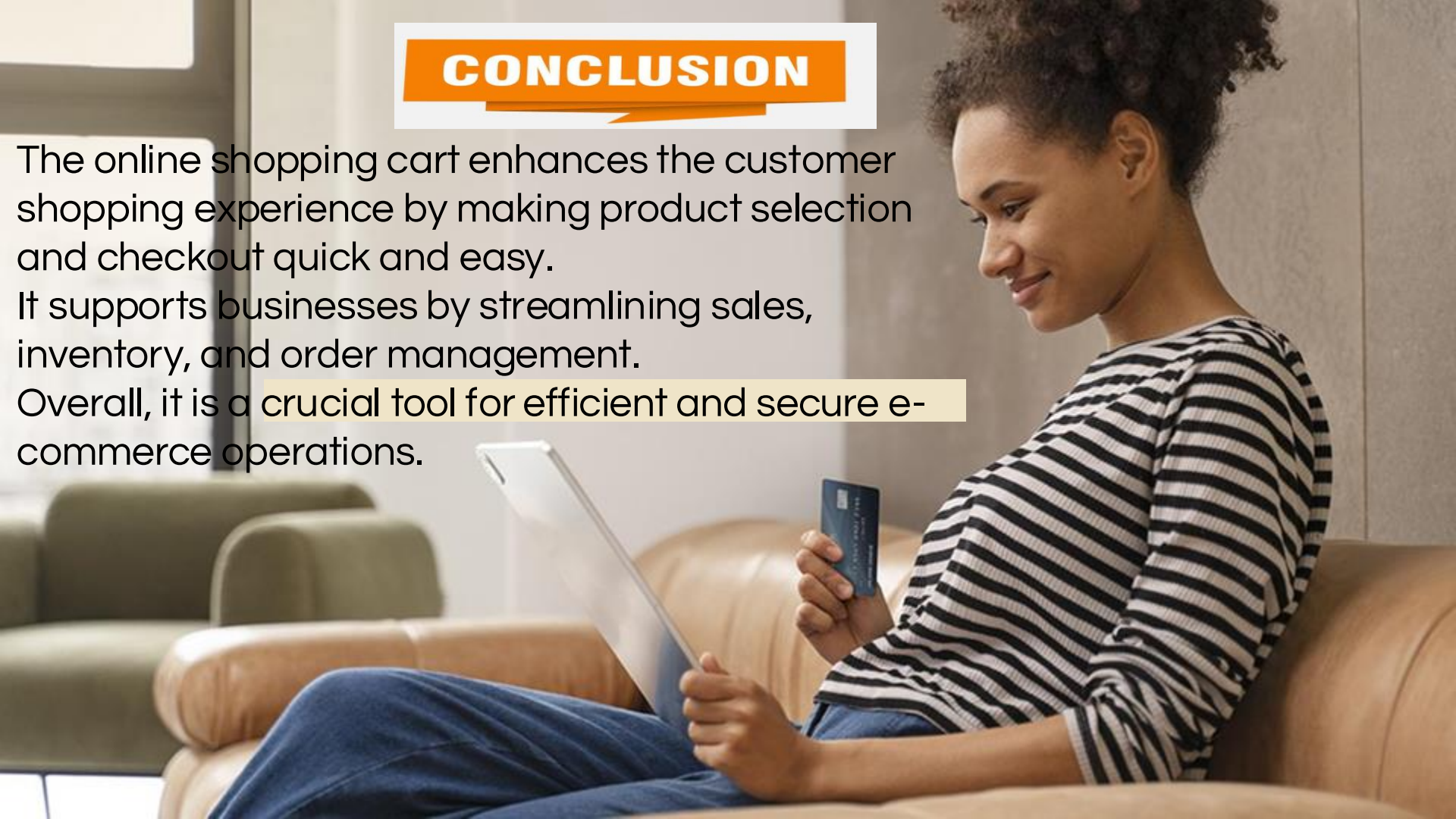
CONCLUSION

The online shopping cart enhances the customer shopping experience by making product selection and checkout quick and easy.

It supports businesses by streamlining sales, inventory, and order management.

Overall, it is a crucial tool for efficient and secure e-commerce operations.

Thank you.