Ecommerce Web App

GSD ECOMMERCE

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Overview

Introduction

Welcome to our PHP-powered e-commerce platform, where selling never sleeps and shopping knows no bounds. Our website empowers businesses to showcase their products and services around the clock, enabling customers to browse and make purchases at any time of day or night.
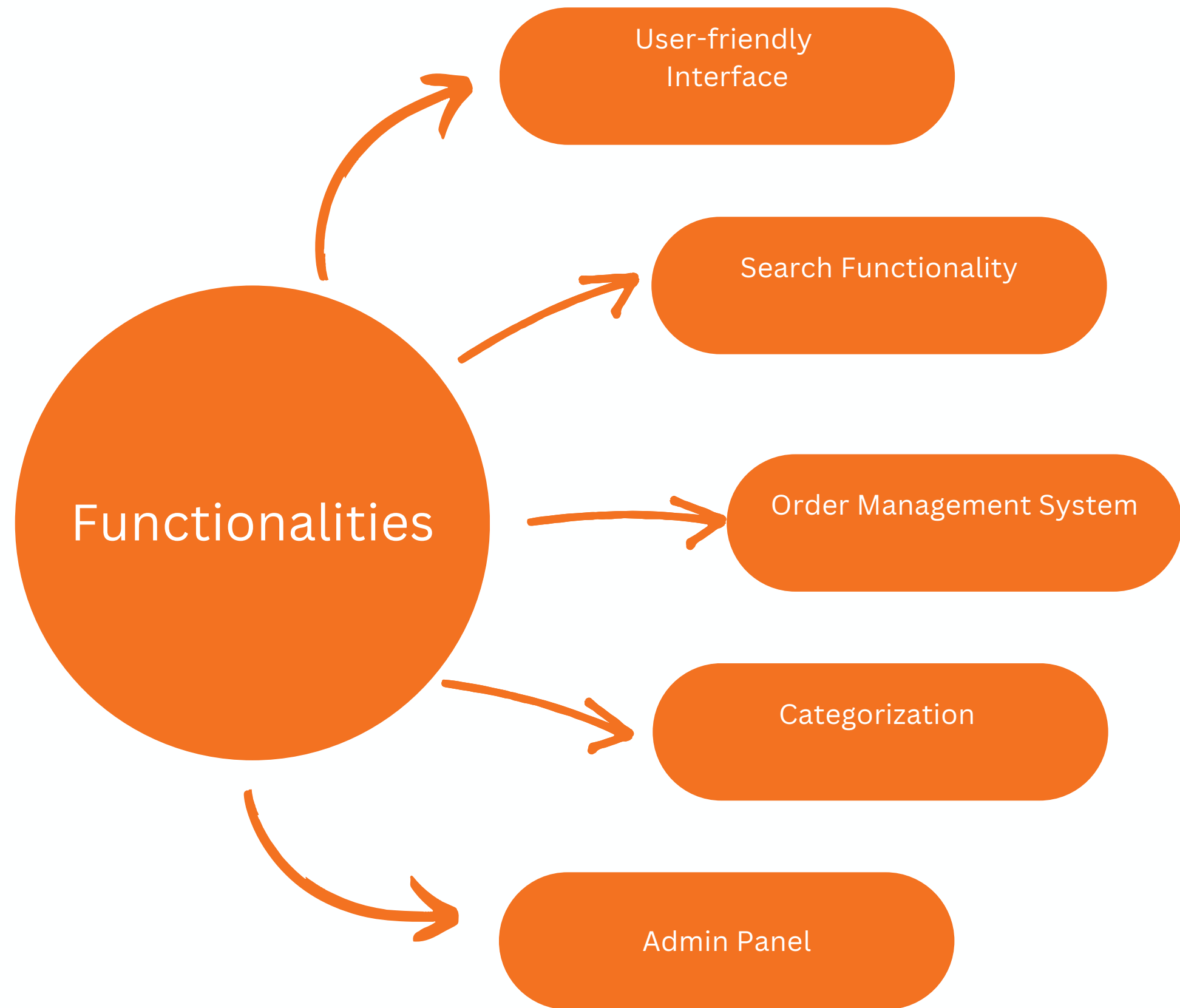
With our online platform, businesses can effortlessly reach customers everywhere, transcending geographical barriers and time zones. Whether you're in the heart of a bustling city or a remote corner of the world, our website ensures that you have access to a wide range of products and services, right at your fingertips.

Functionalities

Different Functionalities

Functionalities

- User-friendly Interface
- Search Functionality
- Order Management System
- Categorization
- Admin Panel

Role of PHP & MySql

01

Dynamic Content Generation

02

Database Interaction

03

User Authentication and Authorization

04

Shopping Cart Management

05

Order Processing and Management

06

Customization and Flexibility

Dynamic Content Generation

PHP is a server-side scripting language commonly used for generating dynamic content on websites. In e-commerce development, PHP is utilized to dynamically generate product pages, handle user authentication and session management, process form submissions (such as adding items to the cart or wishlist)

Database Interaction

MySQL is a popular relational database management system (RDBMS) commonly used with PHP to store and manage data in e-commerce applications. MySQL allows you to store various types of data related to products, customers, orders, and transactions efficiently. PHP interacts with the MySQL database to retrieve product information, update inventory, manage user accounts, and process orders.

User Authentication and Authorization

PHP facilitates user authentication and authorization processes in e-commerce websites. It enables users to create accounts, login securely, and manage their profiles. MySQL stores user credentials and authorization data securely, ensuring that only authorized users can access certain areas of the website or perform specific actions, such as making purchases or accessing account information.

Shopping Cart Management

 PHP and MySQL are essential for managing the shopping cart functionality on e-commerce websites. PHP scripts handle adding, removing, and updating items in the cart, while MySQL stores the cart data in the database. This allows users to browse products, add items to their cart, and proceed to checkout seamlessly
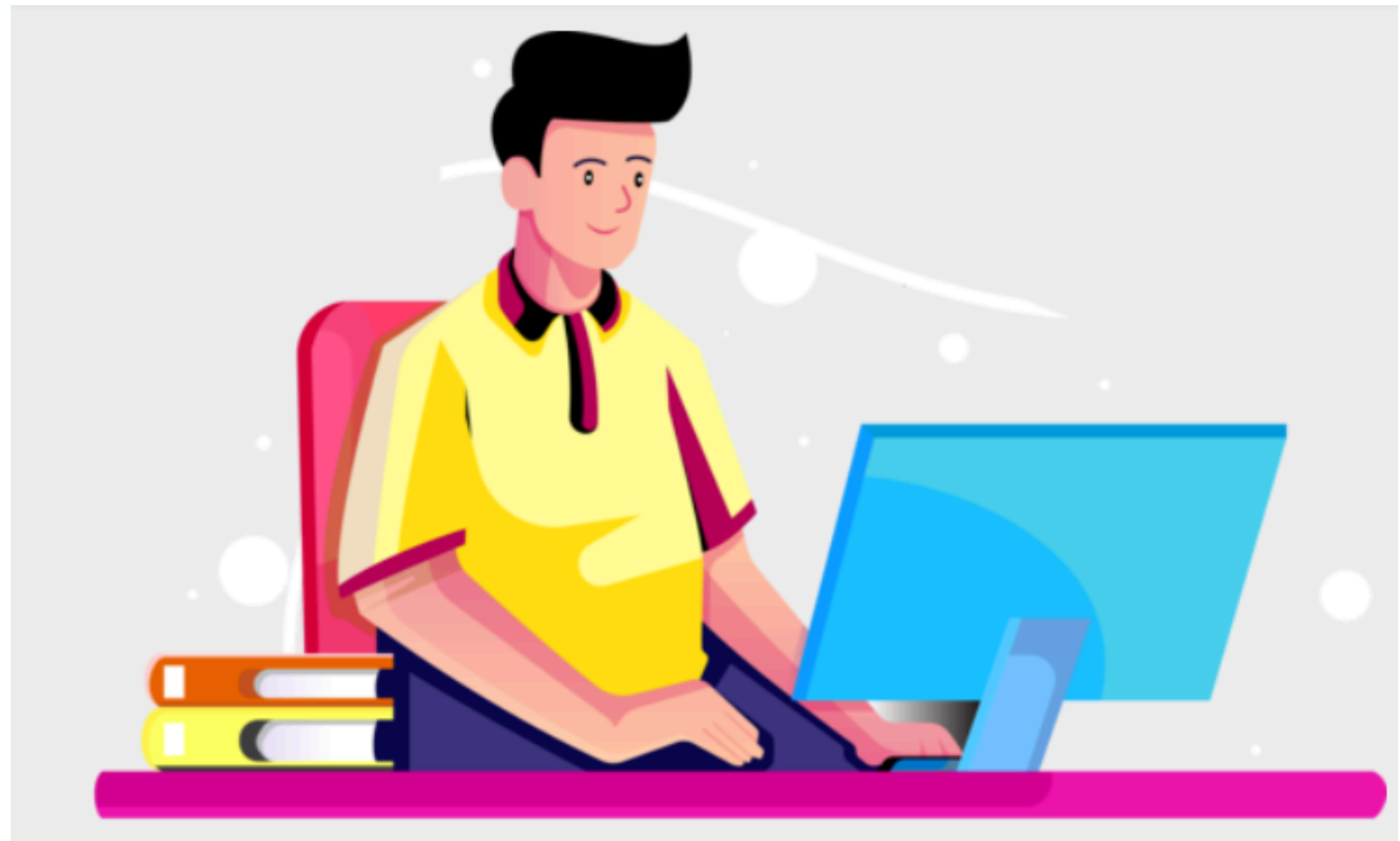
Order Processing and Management

PHP, along with MySQL, plays a crucial role in processing and managing orders placed on e-commerce websites. When a user completes a purchase, PHP scripts handle order processing tasks such as calculating total costs, validating payment information, updating inventory levels, and generating order confirmation emails. MySQL stores order details, including product information, customer details, and transaction records, for future reference and analysis.

Future Scope

01 Augmented Reality (AR) Shopping

02 Subscription-based Services

03 Artificial Intelligence (AI) Chatbots

04 Green Logistics and Last-Mile Delivery Solutions

LINK

Github Link : https://github.com/ashutoshmazodkargit/GSD

Host Link :
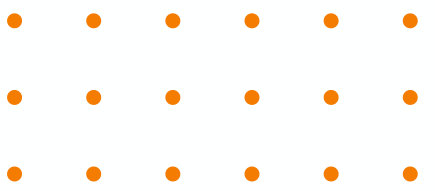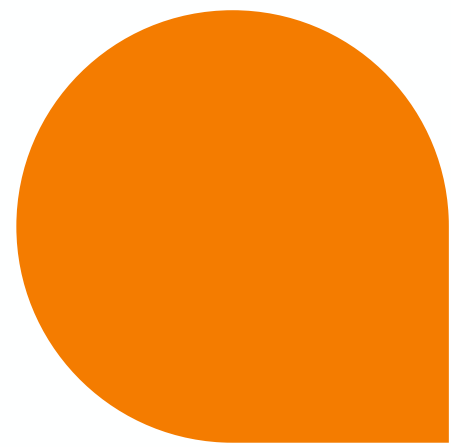**https://gsdecommerce.000webhostapp.com/index.php**

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Conclusion

The platform helps both businesses and customers make eco-friendly decisions. It's open-source, flexible, and dedicated to green practices.

GSD & e-commerce positions itself as a valuable tool for shaping a more sustainable future for e-commerce.

Developer's Message:

Hey There ! I'm Ashutosh Mazodkar. A Student of B.tech in Computer Engineering Department from VIIT College [Batch : 2025] . I love designing websites and exploring new things. Learning new things is my hobby.

I would like to thank Mr. Kedar Deo Sir for guiding me through the session and making me able to develop projects like this.