

Project Report: E-Commerce Store Builder

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Project Title: E-Commerce Store Builder

Course: DISM

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Project Overview:

The E-Commerce Store Builder project aims to create a platform similar to Wix and Shopify, allowing users with no coding experience to easily create and customize their e-commerce stores. The project is developed with a focus on simplicity and user-friendliness, ensuring that even a child can navigate and use the interface.

Key Features and Functionality:

1. User-Friendly Drag-and-Drop Builder:

- **Basic Interface:**
 - Utilizes JavaScript libraries like jQuery UI to implement simple drag-and-drop functionality.
- **Element Customization:**
 - Provides basic options for customizing elements such as text, images, buttons, and product listings.

2. Pre-Designed Templates:

- **Template Gallery:**
 - Includes a selection of simple, responsive templates for users to choose from.
- **Basic Customization:**
 - Allows users to change colors and fonts using CSS, ensuring a personalized look and feel.

3. Product Management:

- **Add/Edit/Delete Products:**
 - Implements simple PHP forms to manage product listings effectively.
- **Product Categories:**

- Organizes products into categories using a straightforward database structure.

4. Integrated Payment Gateways:

- **Payment Setup:**
 - Integrates with PayPal for straightforward payment processing.
- **Basic Payment Options:**
 - Enables customers to complete transactions using PayPal.

5. SEO Tools:

- **Basic SEO Settings:**
 - Provides options to add meta titles and descriptions to store pages, enhancing search engine visibility.
- **SEO Guidance:**
 - Offers basic tips for optimizing store content for better search engine ranking.

6. Mobile-Friendly Design:

- **Responsive Templates:**
 - Ensures all templates are mobile-responsive using frameworks like Bootstrap.
- **Preview Mode:**
 - Includes a simple toggle feature to preview the store on different devices.

7. User Dashboard:

- **Sidebar Navigation:**
 - Contains sections for adding elements, themes, settings, and help.
- **Main Canvas:**
 - Features a central area for building and customizing the store with drag-and-drop functionality.
- **Top Bar:**
 - Displays options for saving, publishing, undoing, redoing actions, and accessing user profiles.

8. Store Settings:

- **General Settings:**
 - Configures store name, uploads logos, and adds store descriptions.
- **Payment Integration:**
 - Manages PayPal as the primary payment method.

9. Help and Support:

- **Basic Tutorials:**
 - Provides simple guides for common tasks and features to assist users.
- **FAQs:**
 - Lists frequently asked questions with clear, straightforward answers.
- **Contact Support:**
 - Features a basic contact form for user queries and support requests.

10. Security and Performance:

- **Basic Security:**
 - Implements essential security measures, including input validation and secure password storage using `password_hash`.
-

Optional Advanced Features (If Time Permits):

11. Analytics and Reporting:

- **Sales Reports:**
 - Develops simple PHP scripts to view sales data and performance metrics.
- **Traffic Analytics:**
 - Integrates Google Analytics to monitor website traffic.

12. User Account Management:

- **Profile Settings:**
 - Manages user profiles, account settings, and preferences.
 - **User Roles:**
 - Implements basic user roles for administrators and customers.
-

Tools and Technologies:

- **PHP:** Backend development and server-side scripting.
- **MySQL:** Database management.
- **JavaScript/jQuery:** Frontend interactivity and drag-and-drop functionality.
- **Bootstrap:** Responsive design and easy styling.
- **PayPal API:** Payment processing.
- **Google Analytics:** Traffic analysis.

Conclusion:

The E-Commerce Store Builder project is designed to provide a comprehensive, user-friendly platform for creating and managing online stores. By focusing on simplicity and leveraging tools and technologies suitable for a student with basic PHP knowledge, this project aims to deliver a functional and accessible solution for small business owners and individuals looking to establish an online presence.

Here's our project design:

Sign Up

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Confirm email

Choose a password

Confirm password

[Sign Up](#)

or



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Zohaib Portfolio

Not published

Upgrade to Premium. Get a free domain & remove Wix ads from your site. Upgrade Now

What type of website do you want to create?

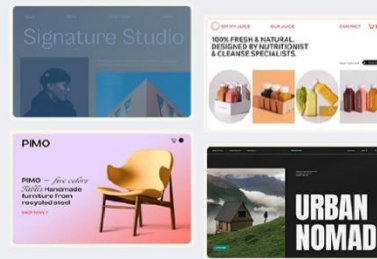
Q e-commer

Continue

- E-commerce Startup
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- Ecommerce Clothing Store
- Ecommerce Dress Store
- Ecommerce Book Store
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← Back

Skip



From an online store to a personal blog and everything in between, Wix offers a wide range of professional tools and apps for the type of site you want to build.



Pick the Website Template You Love

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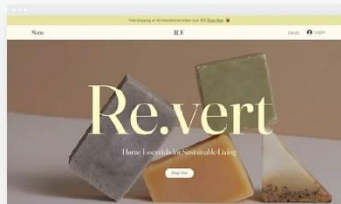
Business & Services Store Creative Community Blog

All Templates Blank Templates Collections

Most Popular Website Templates



Coming Soon Landing Page

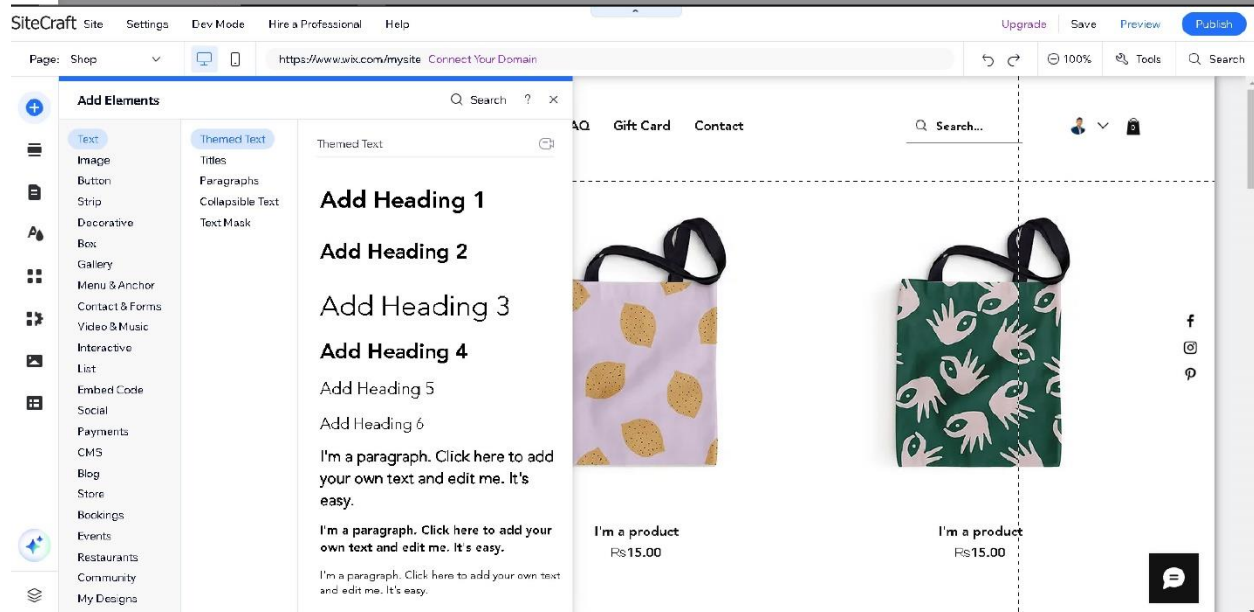
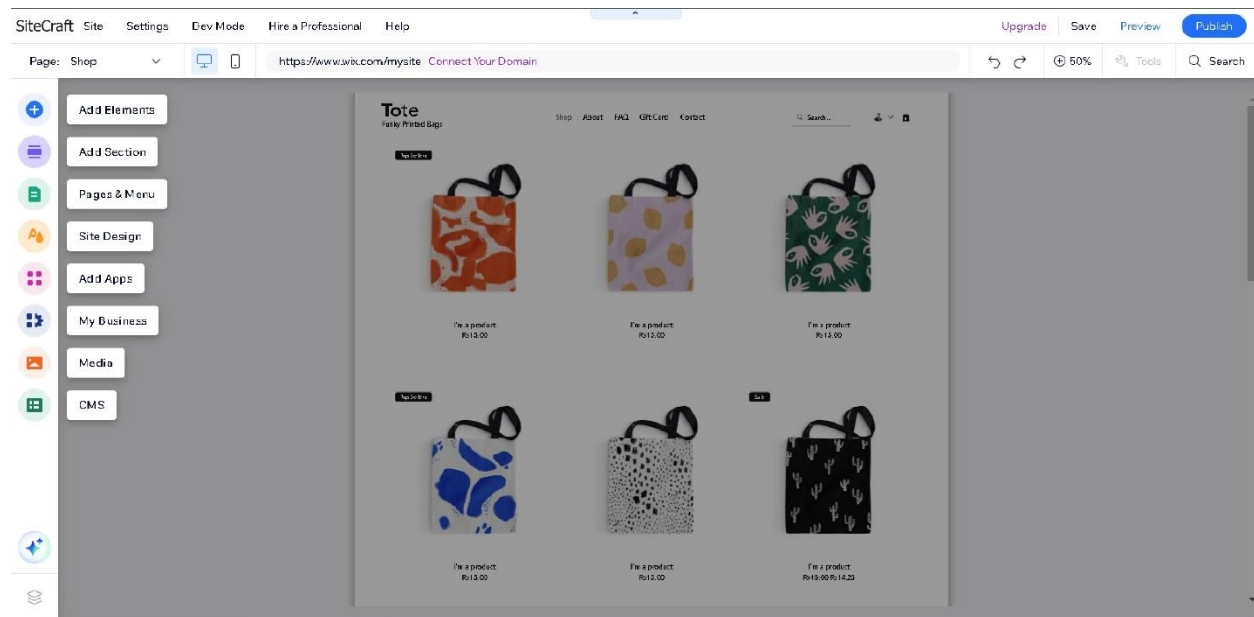


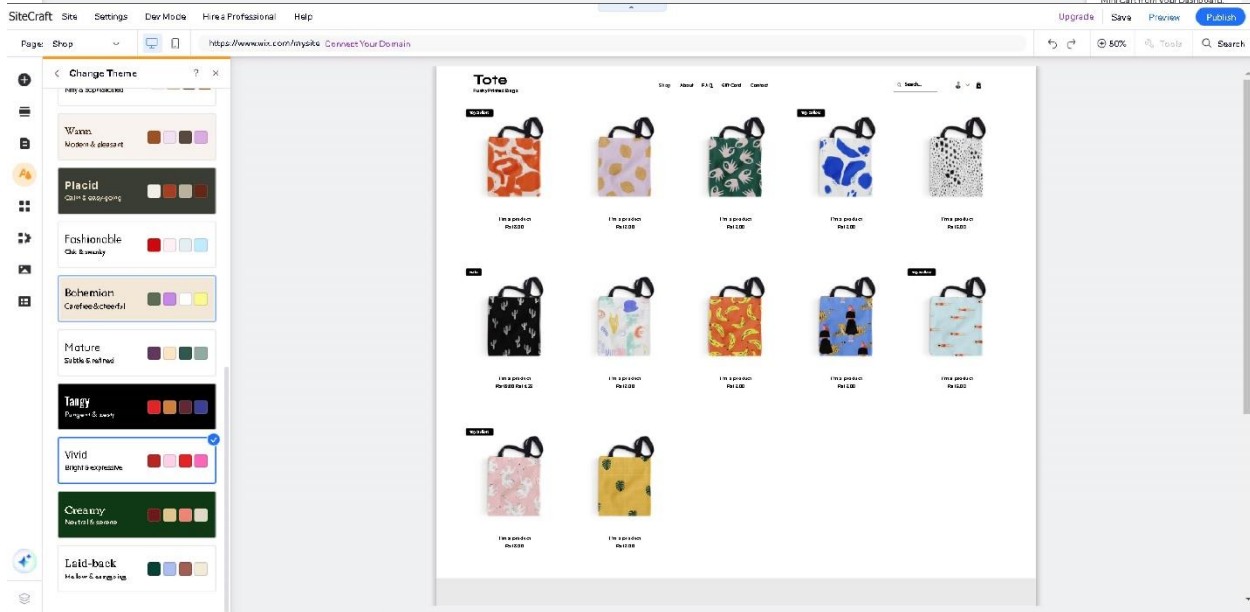
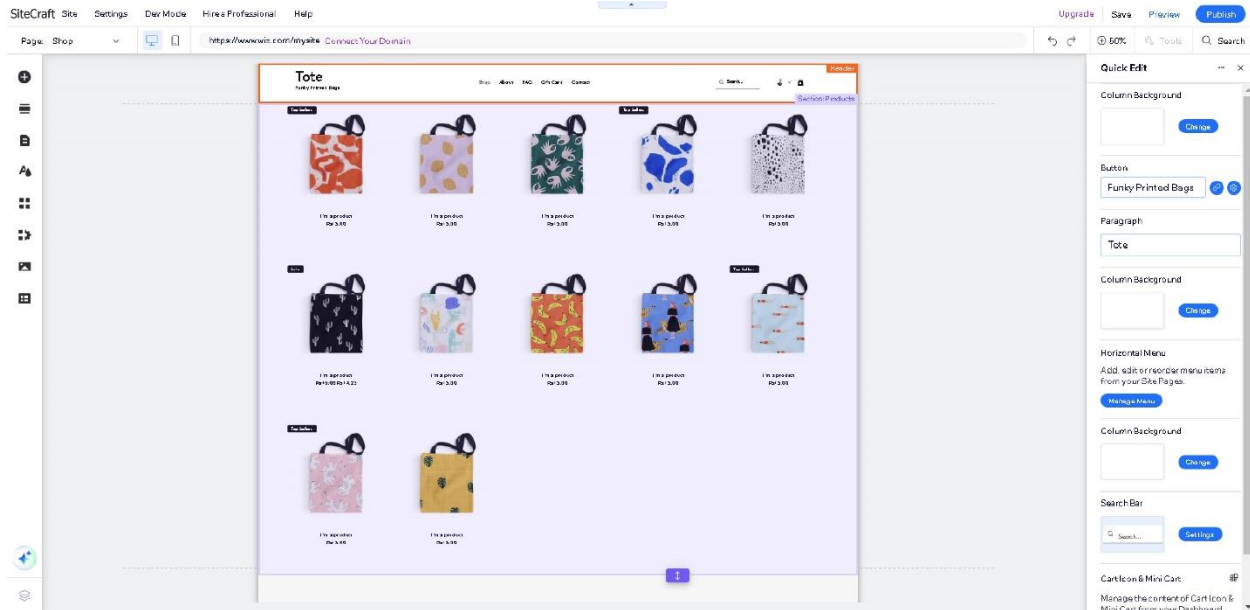
Home Goods Store



AI Company







Dashboard

Reverts

+ Quick Add

Let's setup your business

1/2 completed

Setup

Home

Getting Paid

Sales

Catalog

View Products

Products

Inventory

Categories

Back In Stock Requests

Find Products to Sell

Gift Cards

Setup Channels

Apps

Site & Mobile App

Inbox

Customers & Leads

Marketing

Analytics

Automations

Settings

Design Site

Products 12

More Actions

+ New Product

Turn followers into customers with a Link in Bio

Creates a Link in Bio page that integrates seamlessly with your existing Wix Store. Drive traffic to your store by giving followers easy access to your products, coupons and more.

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All products (12)

Manage View

Filter

1

Search

	Name	Type	SKU	Price	Inventory	
<input type="checkbox"/>	 I'm a product 2 variants	Physical	0012	PKR 15.00	In stock	<div></div>
<input type="checkbox"/>	 I'm a product 2 variants	Physical	0011	PKR 15.00	In stock	<div></div>
<input type="checkbox"/>	 I'm a product	Physical	0010	PKR 15.00	In stock	<div></div>
<input type="checkbox"/>	 I'm a product	Physical	0009	PKR 15.00	In stock	<div></div>
<input type="checkbox"/>	 I'm a product	Physical	0008	PKR 15.00	In stock	<div></div>
<input type="checkbox"/>	 I'm a product	Physical	0007	PKR 14.25 PKR 15.00	In stock	<div></div>
<input type="checkbox"/>	 I'm a product	Physical	0006	PKR 15.00	In stock	<div></div>

Thank you for you time.