

PREMIUM



AGENDA

01

Project Overview

We built a modern, user-friendly online clothing store designed for shoppers and admins to manage items, orders, and browsing seamlessly.

02

What Did We Do ?

Our team developed the store using ASP.NET Core MVC, .NET 8.0, SQL Server, and a clean front-end to support real-time item filtering, cart management, and dynamic image handling.

03

Project Preview

We'll walk through a live demo of the platform, showcasing features like category-based browsing, cart and favorites, item variant selection, and admin item editing.

04

Project Journey

key milestones, challenges faced, and progress made so far.

Project Overview

What is our project?

Our project is a full-stack web application . It's an Online Clothing Store that allows store owners to manage their products, variants, and inventory, while providing users with a smooth browsing and shopping experience.

Why did we choose this project?

We chose this project because a real client approached us with a request to build an Online Clothing Store. This presented a valuable opportunity to work on a real-world application that not only meets an actual business need, but also allows us to practice and apply our skills for our college project. It's the perfect blend of practical experience and academic relevance.

Target Audience

Store Owners: To help them manage their inventory, products, and orders efficiently.

Customers: To provide a modern, user-friendly platform to browse and purchase clothing items with ease.

What Did We Do?

Our team developed a complete Online Clothing Store using ASP.NET Core MVC (.NET 8.0), SQL Server, and a responsive front-end to support features such as real-time product filtering, shopping cart management, and dynamic image handling.

MVC Architecture

We chose the Model-View-Controller (MVC) pattern because the client specifically needed a web-only solution. MVC allowed us to clearly separate concerns, making the application easier to maintain, test, and scale in the future.

Dependency Injection

We took full advantage of .NET's built-in Dependency Injection to manage our services and repositories efficiently. This approach made our application more flexible and testable, while reducing tight coupling between components.

Authentication & Authorization

For secure user access, we implemented Authentication and Authorization using ASP.NET Identity. This allowed us to manage roles, such as Store Owners, and Customers, ensuring each user has access to the appropriate parts of the application.

Repository Pattern

To keep our data access layer clean and decoupled, we used the Repository Pattern. This helped us abstract the database operations and made our code easier to test and more modular, while promoting single responsibility and separation of concerns.

SQL Server

We used SQL Server as our relational database to store all data related to users, products, orders, and store settings. It provided strong support for data integrity, relationships, and scalability.

HOME

NEW

TOP-RATED

CLOTHES

ACCESSORIES

OTHERS

SALE

CONTACT-US

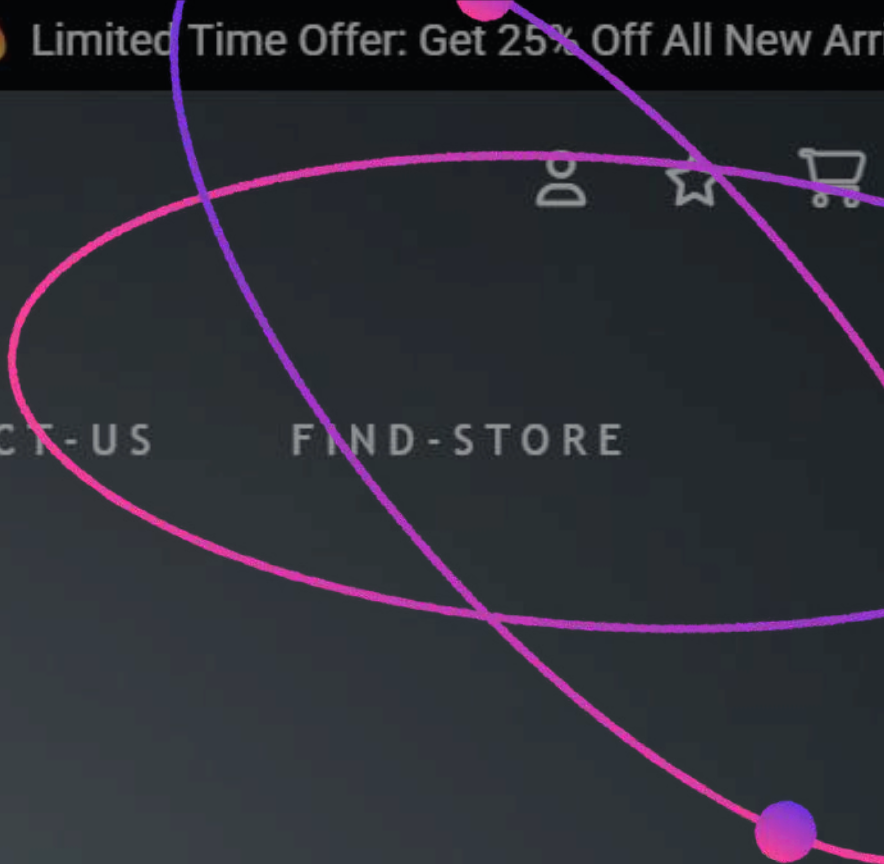
FIND-STORE

Project Preview



View More!

Bold Looks, Zero Limits



 Project Demo

 LinkedIn Post

Project Journey

- Excalidraw

Notion

Technical HQ / Project Tracker "Online Clothing Store" Edited 4h ago +3 Share ☆ ...

Team Members

Name	Role
Ziad Ghoraba	Team Lead
Ziad Ghoraba & Sara Hesham	Backend
Youssef Alaa	UI/UX
Mohamed El-Mesh & Omar Atef & Hassan Arafat	Frontend

★ All Tasks By Status Checklist My Tasks Timeline Form builder +

Task name	Status	Prerequisites	Assignee	Due date	Priority	Task type	Attach file	Effort level	Description
Meeting 1	Done			02/28/2025				Small	
User Story	Done	Section 2 → https://drive.google.com/...		02/28/2025 → 03/04/2025	High	Requirements	Online Clothing St...	Medium	Met with a real client to discuss
System Diagram	Done	Section 3 → https://drive.google.com/...		03/09/2025 → 03/09/2025	High	Design		Small	MVC Architecture
Meeting 2	Done			03/14/2025			https://www.canva.com/...	Medium	Explained MVC Architecture Ass
Wireframes	Done	Section 3	Ziad Ghoraba	03/14/2025 → 03/17/2025	Medium	Design	https://excalidraw.com/...	Large	
UI/UX Design	Done	Section 3 + Figma	omar atef	03/18/2025 → 03/21/2025		Design	https://www.figma.com/...		User
UI/UX Design	Done	Section 3 + Figma	omar atef	03/18/2025 → 03/21/2025		Design			Admin
ERD	Done		Ziad Ghoraba	03/18/2025 → 03/22/2025	High	Design	https://drive.google.com/...		
Mapping 3	Done		Ziad Ghoraba	03/18/2025 → 03/22/2025	Low	Design	https://drive.google.com/...		
Frontend Implementation	Done		omar atef	03/23/2025 → 03/28/2025	High	Implementation			1. Layout 2. Register 3. Login 4.
Backend Implementation	Done		Ziad Ghoraba	03/23/2025 → 03/27/2025	High	Implementation	notes.pdf	Large	Started early to work on Accour
Frontend Implementation	Done		omar atef	03/28/2025 → 03/30/2025		Implementation			
Backend Implementation	Done		Ziad Ghoraba	03/27/2025 → 03/30/2025	Medium	Implementation			
Backend Implementation	Done		Ziad Ghoraba	04/13/2025 → 04/18/2025	Medium	Implementation			
Backend Implementation	Done		Sara Hesham	04/14/2025 → 04/16/2025	Medium	Implementation			
Frontend Implementation	Done		omar atef	04/13/2025 → 04/15/2025	Medium	Implementation			
Frontend Implementation	Done		mohand elmesh	04/13/2025 → 04/15/2025	Medium	Implementation			
Frontend Implementation	Done		omar atef	04/15/2025 → 04/29/2025	Medium	Implementation			

MEET OUR TEAM



ZIAD GHORABA
Team Leader/ Backend



SARA HESHAM
Backend/ Tester



MOHAND EL-MESH
Frontend



OMAR ATEF
Frontend



HASSAN ARAFAT
Frontend

Thank You!