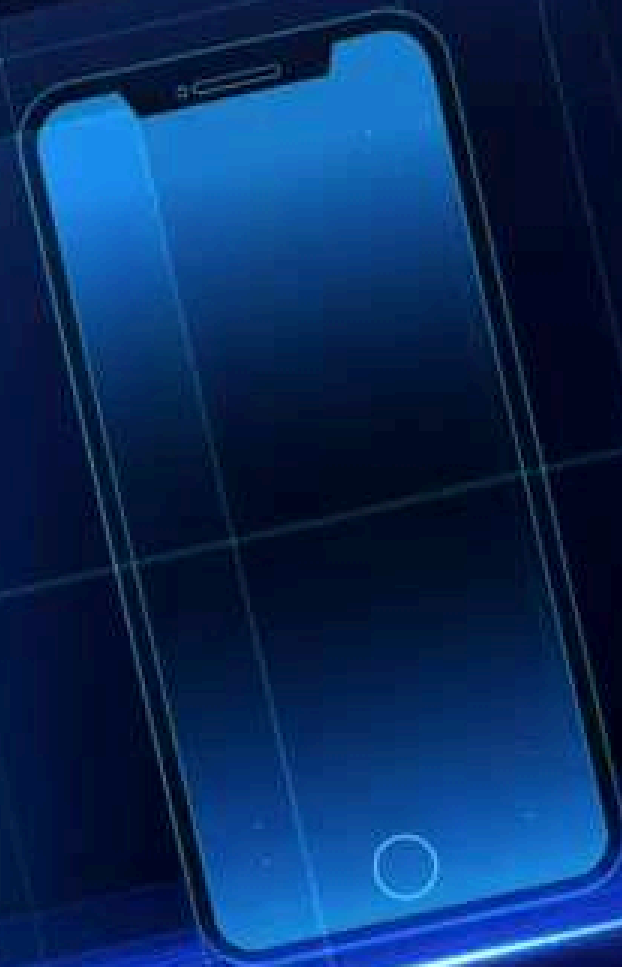


ZIRA



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.

Project Preview

View More!

Stay bold. Stay warm.

 **Project Demo**

 **LinkedIn Post**

Project Journey

- Excalidraw

Notion

Technical HQ / Project Tracker "Online Clothing Store"

Edited 4h ago 2 +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!