Al-Qadomy for Ceramic

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Coding Academy by Orange – **Irbid**

Cohort 4

Contents

Chapter 1: Introduction

1.1 Objective

With over 50 years of experience, the Al-Qadomy for Ceramics Exhibition has been a pioneer in providing high-quality products to its customers. Since its inception in 1967, the company has stood out in the ceramics and porcelain sector by offering the latest, most luxurious designs, catering to customers' needs and aspirations in designing their homes with the finest standards.

Our vision is built on continuous innovation and uncompromised quality. We strive to offer a comprehensive and diverse range of products that appeal to various tastes. These include wall and floor tiles, alongside complete bathroom solutions such as sinks, shower boxes, and sanitary ware, all known for their high quality and modern designs.

1.2 Technologies Used

- ➢ Front-End
  - ✓ HTML (Hyper Text Markup Language).
  - ✓ CSS (Cascading Style Sheets).
  - ✓ JavaScript.
  - ✓ Bootstrap.
- ➢ Back-End
  - ✓ ASP.NET Core Web API.
  - ✓ C# (C Sharp).
  - ✓ SQL Server.

Chapter 2: Requirements and Analysis

2.1 Functional Requirements

The system is designed to streamline the customer journey by providing an easy-to-navigate platform for browsing and purchasing high-quality ceramic and porcelain products. The following functional requirements outline the key functions of the system.

2.1.1 User Cycle:

- ❖ Home Page.
- ❖ Register and Login.
- ❖ The User can view categories.
- ❖ The User can view Services.
- ❖ The User can view About US.
- ❖ The User can view Contact US.
- ❖ Can help The User By free consultations.
- ❖ The User can view Projects.
- ❖ The User can view Profile Page.
- ❖ The User can view Our Team.
- ❖ The User can view The Tiler.
- ❖ The User can view Products Page.
- ❖ The User can view Product Details Page.
- ❖ The User can view Payment Page.
- ❖ The User can view FAQs Page.
- ❖ The User can add testimonial.

2.1.2 Admin Cycle

- ❖ The Admin can view, add, edit, and delete Categories.
- ❖ The Admin can view, add, edit, and delete Products.
- ❖ The Admin can view, add, edit, and delete Services.
- ❖ The Admin can view, add, edit, and delete Projects.
- ❖ The Admin can view, add, edit, and delete Our Team.
- ❖ The Admin can view, add, edit, and delete The Tiler.
- ❖ The Admin can help the user by free consultations.
- ❖ The Admin can help the user by Contact US.

2.2 Non-Functional Requirements

2.2.1 Security:

✓ User login authentication system:

In ASP.NET, the Core Web API verifies the details entered by the registered users in the database. After successful authentication, the users will be allowed to the system as authenticated users.

2.2.2 User Friendly:

✓ I have focused on designing a highly intuitive and user-friendly interface to ensure that users can easily navigate and interact with the system.

2.2.3 Usability:

✓ The website has been designed with a focus on ease of use, providing intuitive and user-friendly control interfaces to enhance the user experience.
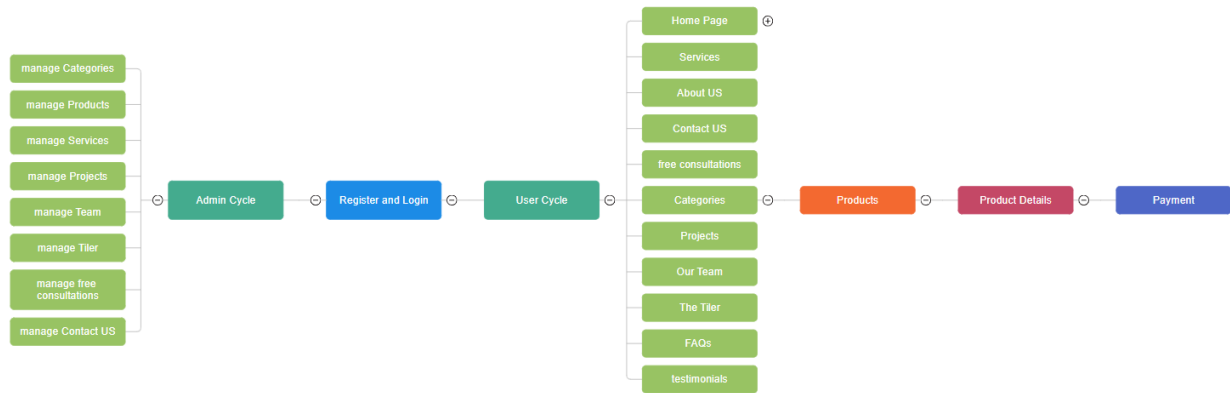
2.2.4 Availability:

✓ In the future, the website will be accessible to users anytime and anywhere, ensuring seamless availability across all devices and platforms.
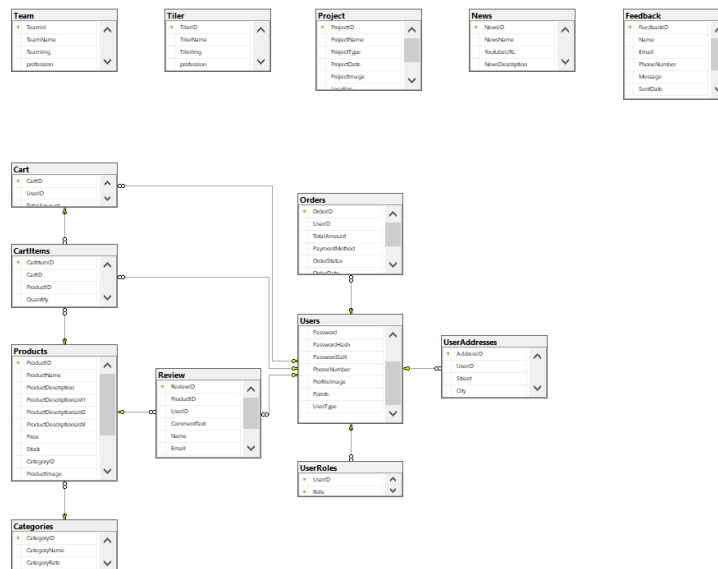
2.2.5 Responsive Web Design:

✓ The website is fully optimized for responsiveness, ensuring seamless functionality and user experience across all devices and screen sizes.

Chapter 3: Design

3.1 Use Case Diagram

3.2 Database Schema

Chapter 4: Future Work & Conclusion

4.1 Future Work

- ✓ As part of future improvements to the website, new features will be added, including the appointment of a **Main Admin** and a **Sub Admin**, with clear task allocation for each. Additionally, a **Tiler Booking** service will be developed for tile orders, allowing users to specify the expected duration for project completion.
- ✓ Most importantly, **artificial intelligence** technologies will be integrated into the Qadomy Ceramics and Porcelain website. This feature will enable users to take pictures of their personal rooms and select the appropriate tiles based on their taste and design. This addition aims to facilitate the tile selection process for customers, providing a seamless and more effective interactive experience.

4.2 Conclusion

In 1967, my grandfather - رحمة الله -, began his commercial journey through a shop specializing in sanitary ware. He was followed by my father - رحمة الله -, who left his medical studies in Romania to support my grandfather and continue his path. In 2005, my father and grandfather launched the Al-Qadomi Company for Ceramics and Porcelain, which is considered the second oldest ceramics company or showroom in Irbid. Today, my brothers, uncles, and I continue our family legacy, striving to preserve what my grandfather and father started. Now, it is my turn to establish a commercial store for my father's company, aiming to keep up with the developments in the Hashemite Kingdom of Jordan, dedicating my efforts to ensure the continuity of this family legacy and achieving further success in the future.