



Stationery Spot-Masterpiece Project Documentation

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Table of Contents

- 1.project overview
- 2.Technologies used
- 3.project features
- 4.system architecture
- 5.Database Design
- 6.Challenges Faced
- 7.Future Enhancements
- 8.Conclusion

1. Project Overview

Stationery Spot is a web-based platform that connects users with nearby bookstores and stationery shops. The platform allows customers to browse and order books and supplies based on their location, upload documents for printing or copying, and request support with academic projects. It aims to simplify access to stationery services and enhance the student experience through a fast, local, and user-friendly system.

2. Technologies Used

◆ Front-End

Built using HTML, CSS, JavaScript, and Bootstrap for responsive and user-friendly design.

◆ Back-End

Developed with C# and ASP.NET Core MVC to manage application logic and routing.

◆ Database

Data is stored and managed using SQL Server with Entity Framework for ORM.

3. Project Features

Stationery Spot project Includes the following key features:

- Location-based search for nearby bookstores and stationery shops
- Online document upload for printing, copying, or scanning
- Browsing and ordering books and stationery items
- Fast local delivery from selected nearby stores
- Academic support for students, including project and report requests
- Multi-store integration with a user-friendly shopping experience
- Clean and responsive web interface for easy access on any device

4. System Architecture

Stationery Spot follows the ASP.net Core MVC Architecture, separating the application into four main layers:

1. Presentation Layer (Front-End)

- Technologies: HTML, CSS, JavaScript, Bootstrap
- Role: Handles user interface and user interactions
- Displays products, forms, and pages for uploading documents and placing orders

2. Application Layer (Back-End)

- Technologies : C#, ASP.NET Core MVC
- Role: Controls business logic, routing, user requests, and validation
- Manage sessions, order processing, and user actions

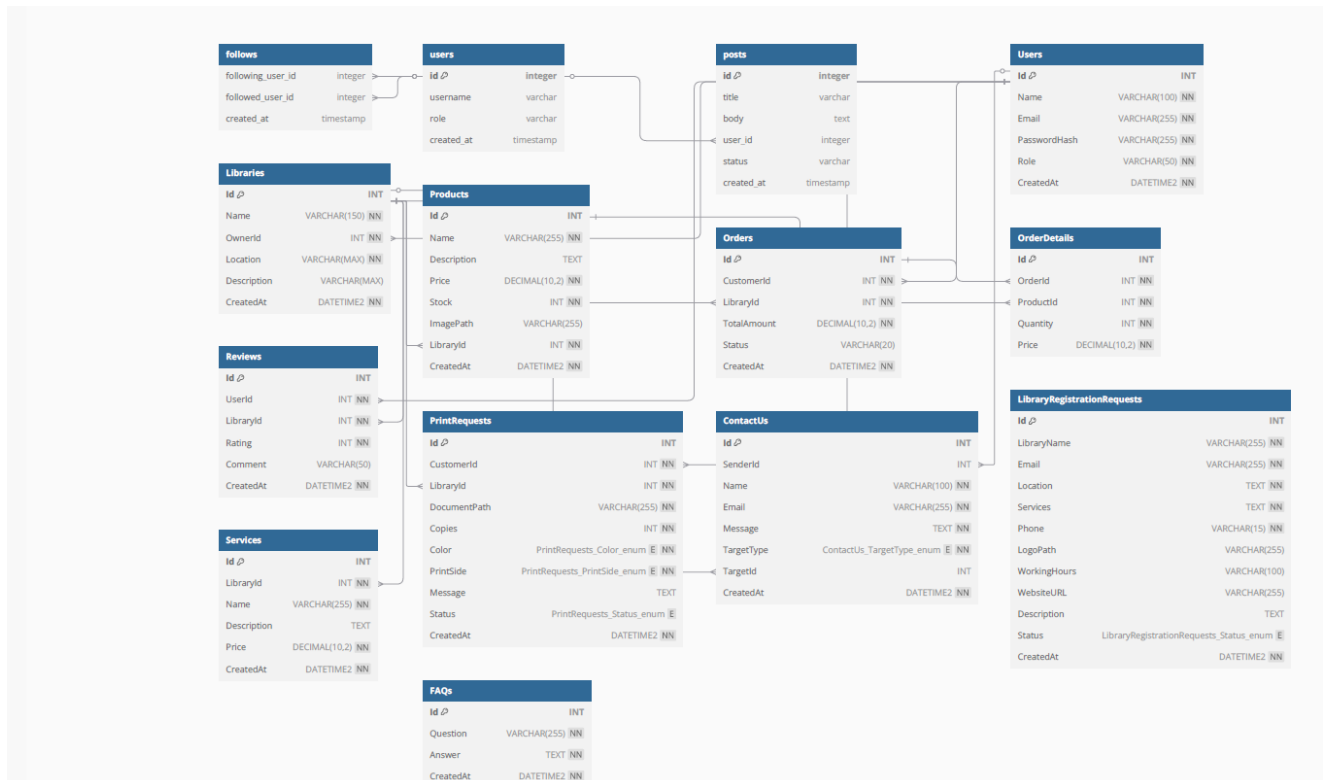
3. Data Access Layer

- Technologies: Entity Framework
- Role: Communicates between the application and the database
- Handles queries, data storage, and retrieval

4. Database Layer

- Technologies: SQL Server
- Role: Stores data including users, products, libraries, orders, and uploaded documents

5.Database Schema:



6.Challenges Faced:

- Integrating various stationery shops' inventories, including bags, school supplies, and services, into one unified platform
- Handling secure file uploads for printing and copying services
- Ensuring user data privacy and secure handling of uploaded documents
- Balancing a rich feature set with a simple, user-friendly interface for all types of users

7.Feature Enhancements:

- Add real-time location-based suggestions to display the nearest stationery shops
- Upgrade the existing messaging feature to real-time live chat between users and stores
- Develop a mobile application version for easier access and notifications

8.Conclusion:

In Conclusion, **Stationery Spot** provides a practical and user-friendly solution to connect users with local stationery shops. It simplifies the process of ordering supplies, uploading documents for printing, and accessing academic support services. The platform lays a strong foundation for future enhancements, such as real-time features and mobile access, aiming to serve students and the wider community more efficiently.