**Blog Platform**

Project Overview

The Blog Platform is a web-based application designed to provide users with a platform to create, manage, and publish blog posts. It aims to offer a user-friendly interface for writing and editing content while also facilitating interaction with readers through comments and social sharing features.

**Key Features**

1. User Registration and Authentication Users can register for an account and securely log in to access the platform.

2. Blog Post Creation Registered users can create new blog posts, including features for composing and formatting text, adding images, and embedding multimedia content.

3. Post Management Users can view a list of their published and draft blog posts, edit existing posts, and delete posts if necessary.

4. Comments Readers can leave comments on blog posts, and authors can moderate and respond to comments through an administration interface.

5. Social Sharing Integration with social media platforms to allow users to share blog posts on their social networks, increasing visibility and engagement.

6. Search Functionality Users and visitors can search for specific blog posts based on keywords, categories, or other relevant criteria.

7. User Profiles Registered users have profiles where they can manage their account settings, view their published posts, and engage with other users.

8. Responsive Design The platform should have a responsive layout to ensure optimal viewing and usability across various devices and screen sizes.

**Technology Stack**

- Frontend HTML, CSS, JavaScript, Bootstrap

- Backend ASP.NET Core (C#)

- Database SQL Server

- Deployment Localhost

**Additional Requirements**

- Rich text editor for blog post creation with support for formatting options, images, and embedded media.

- User-friendly administration interface for managing blog posts, comments, and user accounts.

- Integration with third-party services for social sharing functionality and analytics tracking.

**Project Deliverables**

- Source code repository containing the application code(GitHub).

- Installation instructions or deployment guide for setting up the application environment.

- User manual or documentation explaining the platform features and usage.

**Project Timeline**

- Define a realistic timeline for development, testing, and deployment, considering the complexity of the application and available resources.

**Acceptance Criteria**

- The platform should meet all specified features and functionalities as outlined in the requirement document.

- It should undergo thorough testing to ensure usability, performance, and security.

- Trainers should review and approve the final version.