Blog Tracker Application

This project is a full-stack blog tracker application developed using C#, ASP.Net MVC, Web API, and SQL Server. The application allows employees to add their blog-related details and show all blogs written by employees on the home page.

The application is divided into three layers:

Data Access Layer (DAL): This layer is responsible for interacting with the database. It uses Entity Framework Code First to create the database and implement database functionalities such as saving blog details, getting all blogs details, getting the blog by ID, updating blog details, and deleting blog details.

App Service Layer: This layer contains RESTful services to consume functionalities from the DAL class. It provides APIs for all CRUD operations on blog and employee details.

App UI Layer: This layer is responsible for displaying the user interface and interacting with the App Service Layer. It uses ASP.Net MVC to implement the following functionalities:

Display all blog details on the home page written by all employees

Authenticate admin using admin Email ID and password

Show page for adding employee details for the admin

Authenticate employee using employee Email ID and passcode

Show a page for adding blog details to employees

The application is also containerized using Docker Compose. This makes it easy to deploy and manage the application on different environments.

This blog tracker application is a useful tool for companies to help their employees track their blogs. It allows employees to easily add their blog-related details and view all blogs written by employees. The application is also easy to use and manage, thanks to its modular design and containerization.

Here are some of the benefits of using this blog tracker application:

Increased employee engagement: Employees are more likely to blog when they have a central place to track their blogs. This can lead to increased employee engagement and productivity.

Improved communication and collaboration: The application allows employees to easily share their blogs with each other. This can help to improve communication and collaboration within the company.

Better knowledge management: The application helps to organize and preserve the knowledge that employees have shared in their blogs. This can be a valuable resource for the company, especially when onboarding new employees.

Overall, this blog tracker application is a valuable tool for companies that want to help their employees track their blogs and improve communication and collaboration.

Github Link: https://github.com/PrashastVats1/CapstoneProject