Warp Development

Forms Submission System

ASP.NET MVC 5
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System Description

This system is a simple form submission system allowing user to register their records in the database. Some common features were implemented to allow the user to interact more easily with the system. Amongst them are:

- A user-friendly graphical user interface designed with the latest UI technology such as Bootstrap, CSS, HTML, JavaScript and jQuery were used to make the application client-side more interactive and functional.

- On application start the User is directed to the home page. The user is able at this point to access all records on the database by click on the button "See all users" and also being able to insert a new user to the database on click of button "Add new user."

- The user can fill in the form when accessing add a new user page and enter all required details.

- On form submit the request will hit a controller and request for an email transmission which notifies the system administrator a new user has been added to the database and redirect back to home page.

- Administrator can see emails inbox and access a single user detail by clicking a link that was sent in the mail.

- The admin can update/create/delete and read all users.

- Note: *The concept of code-first implementation was used, allowing to create table matches and migrates to the database without any needs of creating tables in the database. Web configuration are configured in appsettings.json file instead of web.config*

1. Development Tool
This is a brief list of elements used in the development stage.
- Integrated Development Environment (IDE): Visual Studio 2019
- SQL Server Developer 2019
- .NET 5.0.4
- ASP.NET MVC 5
- NuGet Package Manager for dependencies
- Google Chrome Browser
- GitHub

2. System usability
Below are cited instructions steps in order to run the application
- Open Visual Studio 2019
- Open Project solutions and folder
- Run SQL Server on local machine
- Run the application under Debug menu then "Start Without Debugging"