

1.Project_Set_up

ASP.NET Core Web App (Model-View-Controller) template is used for
.Net 6
Visual Studio 2022

2.Database_Setup

Install Entity Framework Core packages via NuGet:

Install-Package Microsoft.EntityFrameworkCore

Install-Package Microsoft.EntityFrameworkCore.SqlServer

Install-Package Microsoft.EntityFrameworkCore.Tools

Install-Package sendgrid

- Define models for User and Property.
- Configure DbContext with your database connection string in appsettings.json.
- Create migrations and update the database.

3.Controllers

AccountController for login and registration.

PropertyController for CRUD operations on properties.

HomeController for displaying properties and handling buyer interactions.

4.Views

Use Razor syntax to create views for login, registration, posting properties, and listing properties.

5.Implement Authentication and Authorization

- Add authentication logic in AccountController.
Use [HttpContext.SignInAsync](#) and [HttpContext.SignOutAsync](#) for login and logout.
- Authorization in Views:
Used [Authorize] attribute on controllers or actions to restrict access.
Redirect unauthorized users to the login screen.

6.Email Functionality

Use an email service like SendGrid or SMTP.

Send emails to sellers when a buyer is interested in a property.

Send contact details to buyers when they express interest.

7.Frontend Enhancements

Add Like button functionality using AJAX for live updates.
Ensure proper form validation on the client side using JavaScript.