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REPORT

PROJECT NAME: Ceng_423_Rent_a_Car

PROJECT DESCRIPTION: Ceng_423_Rent_a_Car is a car rental web application. This application allows users to perform car rental transactions. Users can create car rental requests, view the existing rental list, and access their details through the application.

PROJECT STRUCTURE:

The project follows the Model-View-Controller (MVC) architectural pattern. It consists of models representing car rental data, views for user interface presentation, and controllers for handling application logic. The repository manages database operations related to car rentals. The appsettings.json file stores application configuration settings. The program.cs file sets up the application and defines the HTTP request processing pipeline.

PROJECT FEATURES:

- Users can create car rental requests.
- Users can view the existing rental list and access its details.
- Users can select the brand and model of the car.
- Users can enter information such as customer name, customer contact, total kilometers, and rental fee.
- Users can successfully save their car rental requests.

TECHNOLOGIES USED:

ASP.NET Core: The application is developed using the ASP.NET Core web framework.

C#: The project is written in the C# programming language.

Entity Framework Core: Entity Framework Core is used for database operations.

HTML/CSS: The user interface is built using HTML and CSS.

Project Dependencies:

Microsoft.AspNetCore.App: The package that includes the core packages for ASP.NET Core applications.

EntityFrameworkCore.SqlServer: The package that provides SQL Server database connection for Entity Framework Core.

CONCLUSION: Ceng_423_Rent_a_Car is a web application for managing car rental operations. Users can create car rental requests, view the existing rental list, and access their details through the application. The project is developed using technologies such as ASP.NET Core, C#, and Entity Framework Core.