Favour Ajayi

ST10022295

Part 2

Group 3

**Read Me File**

This is a web application built with ASP.NET Core that allows users to register, log in, and submit claims linked to lecturers. The system also allows the uploading of relevant documents for claims.

## Features

* User Registration and Login
* Claim Submission
* Display of Submitted Claims
* File Upload for Claims Documentation

## Prerequisites

Before running the project, ensure that you have the following installed:

* **.NET Core SDK**
* **MySQL Database**

### Database Setup

1. Set up a MySQL database and name it claimsystem.
2. Ensure you have the correct MySQL credentials (username and password).
3. Adjust the database connection string in the project file to match your MySQL setup.

## How to Run the Project

* **Clone the Repository**:  
  Download or clone the project from the repository.
* **Navigate to the Project Directory**:  
  Move into the folder containing the project files.
* **Restore Dependencies**:  
  Use your terminal or IDE to restore NuGet packages.
* **Configure Database Connection**:  
  Update the MySQL connection details in the application configuration to match your local MySQL setup.
* **Run the Application**:  
  Start the project using .NET Core CLI or your favorite IDE.
* **Access the Application**:  
  Open a web browser and go to the appropriate URL

## Usage Instructions

* **Register a User**:  
  Fill in the registration form to create a new user account.
* **Log In**:  
  After registration, use your credentials to log in.
* **Submit a Claim**:  
  Once logged in, you can submit claims by filling out the form provided.
* **View Claims**:  
  Submitted claims are listed on the homepage with details such as lecturer, hours worked, and status.
* **Upload Documents**:  
  The system allows the upload of supporting documents for claims.

## Project Structure

The project is structured into the following key directories:

* **Controllers**: Manages requests and application logic.
* **Models**: Contains the data models used in the project.
* **Views**: Defines the HTML structure of the pages.
* **Uploaded-files**: Stores the files uploaded by users.

## Future Enhancements

* Implement user roles for different types of users.
* Add notifications for claim updates.
* Improve validation and error handling.