**.NET Core OCR**

**Objective:** Develop a simple OCR (Optical Character Recognition) system using .NET Core that can extract text from images.

**Requirements:**

**1. Image Upload:**

• Implement functionality to allow users to upload images containing text.

• Support common image formats such as JPEG, PNG, and GIF.

**2. Text Extraction:**

• Utilize a third-party OCR library or service (e.g., Tesseract OCR) to extract text from the uploaded images.

• Implement text extraction logic to process the uploaded images and extract text content.

**3. Display Extracted Text:**

• Display the extracted text content on the web page or in the application interface.

• Ensure the extracted text is presented in a readable format and accurately reflects the content of the uploaded images.

**Technology Stack:**

• Backend: .NET Core

• Frontend: ASP.NET Core MVC or Razor Pages with Bootstrap

• OCR Library/Service: Tesseract OCR or any preferred OCR library/service

**Submission Guidelines:**

• Fork the project repository from a version control system (e.g., GitHub).

• Implement the required functionality according to the provided requirements.

• Commit code changes regularly and use clear commit messages.

• Provide documentation explaining the project setup, architecture, and usage instructions.

• Deploy the application to a cloud platform or provide instructions for local deployment.

**Evaluation Criteria:**

• Implementation of image upload functionality allowing users to upload images containing text

• Integration with a third-party OCR library or service to extract text from images

• Display of extracted text content in a readable format

• Optional features implementation (if attempted)

• Code quality, readability, and adherence to best practices

• Documentation completeness and clarity