My project is a web application for performing Optical Character Recognition (OCR) using different methods. It provides a user interface to upload images, processes the images on the server side, and returns the predicted text.

You can choose between two different methods to perform OCR:

* **keras-ocr**: An open-source OCR library that uses TensorFlow. It provides a pipeline for text detection and recognition using deep learning techniques.
* **OCR Space API**: A cloud-based OCR service that processes images and returns the text with very high accuracy.

To select an image, you can either press a button to choose from your files or drag and drop the image into the designated area. Once an image is provided, it is automatically submitted to the server for processing, and a response is returned.

Let's upload an image and try to perform OCR to see the results.

You can copy the predicted text, and all your predictions are saved for 2 hours. I use cookies to recognize users and display all their recognized text.

A server-side cleaning schedule runs every hour to remove old data. This process cleans up expired data and prevents storing data for too long.

At any time, you can delete your cookies and data by using the red button available in the footer section.

This was my CS50 project.