**README FILE**

**Pixel OCR & Text Extractor** is a web application built using Streamlit that enables users to upload images and extract text using Optical Character Recognition (OCR) powered by Tesseract. The app allows for keyword searching within the extracted text, highlighting the occurrences. It supports English, Hindi, or both languages for OCR and features a user-friendly, dark-themed interface.

**Key Features:**

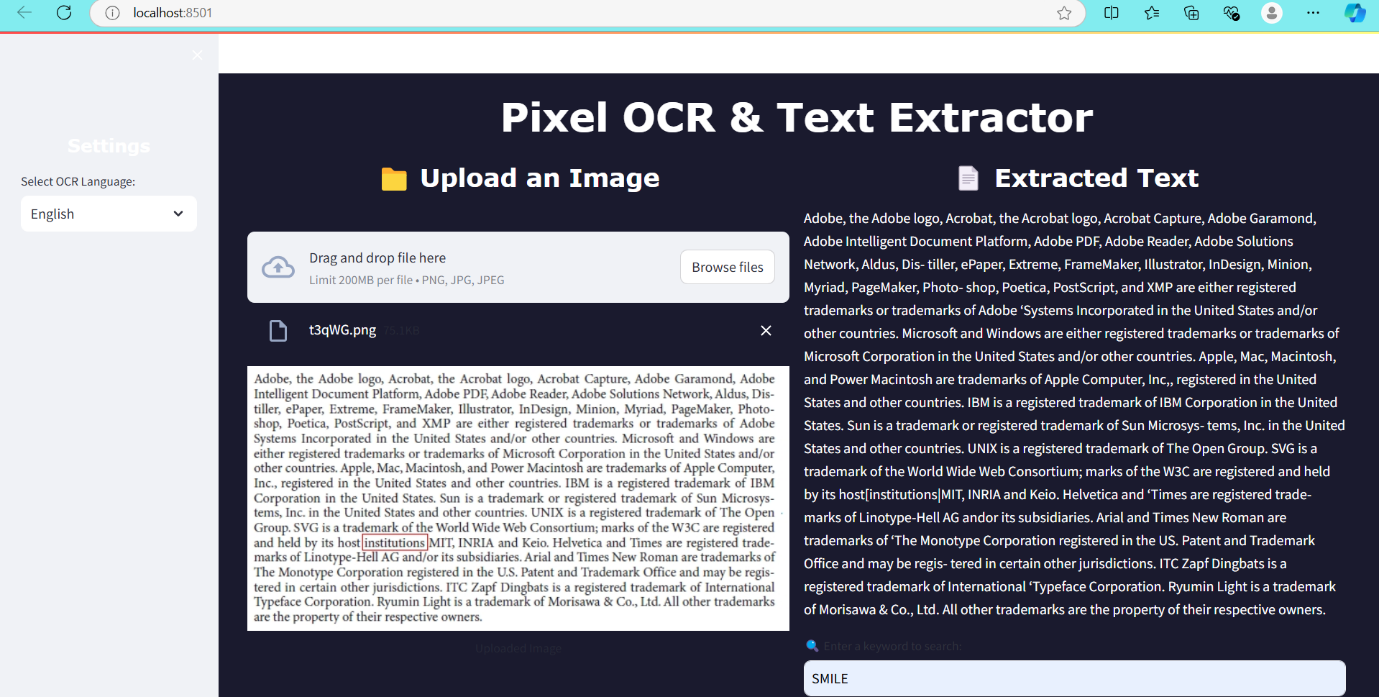
* **Image Upload**: Accepts PNG, JPG, and JPEG images.
* **OCR Language Selection**: Options for English, Hindi, or both.
* **Text Extraction**: Extracts text from images using Tesseract.
* **Keyword Search and Highlighting**: Finds and highlights keywords in the extracted text.
* **Customizable UI**: Dark theme with styled buttons and layout.

**Requirements:**

* Python 3.7+
* Tesseract-OCR installed locally

**How to Use:**

1. Install dependencies (streamlit, pillow, pytesseract).
2. Run the app using streamlit run app.py.
3. Upload an image, select OCR language, and optionally search for keywords in the extracted text.

A screenshot of a computer

Description automatically generated