

#### 80 Words Version:

The project delivers a web-based application that enables text extraction from images, PDFs, or plain text using PyTesseract OCR with OpenCV-based preprocessing for enhanced accuracy. It translates extracted content into a language chosen by the user using Hugging Face Transformers, ensuring real-time, high-quality multilingual support. Designed with a user-friendly interface, the system addresses the need for cross-language communication, document accessibility, and information digitization, providing an efficient and reliable solution by integrating powerful AI and computer vision technologies.