**📄 Project Proposal** **Title:** Personal Study Assistant with AI-Powered Summarization and Quiz Generation **Student Name:** Prachi, Feezanoori

**Objective:** To build a web-based application that empowers students to upload academic materials (images or PDFs), automatically extract and summarize key content using AI, and then generate simple revision quizzes—making self-study more efficient and engaging. The app also allows users to download summaries for offline use.

**Key Features:**

* Upload handwritten or printed notes (PDF/image)
* Extract text using OCR (Tesseract)
* Summarize text using OpenAI's language model
* Auto-generate quizzes based on summaries
* Download or copy summaries for quick revision

**Tech Stack:**

* Frontend: React.js, HTML, CSS
* Backend: Flask (Python), OpenAI API, pytesseract
* Storage & Download: File system
* Version Control: GitHub

**Why It Matters:** In a world of information overload, students often lack time to organize their study notes. This project tackles that gap by helping them revise smartly: learn, summarize, quiz, download—repeat. It’s like building your own pocket tutor.