# 📚 AI Study Buddy – Flashcard Generator

An AI-powered flashcard generator that helps students instantly create interactive study flashcards from their notes.

## 🚀 Problem

Students spend too much time creating revision flashcards manually. This project automates the process using **AI + Low-Code**, saving time and improving study efficiency.

## 💡 Solution

* Paste study notes into a text box.
* AI (Hugging Face API) generates quiz-style flashcards.
* Interactive flip-cards appear instantly.
* Flashcards can be saved for future use.

## 🛠️ Tech Stack

* **Frontend**: HTML, CSS, JavaScript (flip cards)
* **Backend**: Python (Flask)
* **Database**: MySQL
* **AI**: Hugging Face Question-Answering API

## ▶️ How to Run

1. **Clone the repository**

* git clone <your-repo-link>  
  cd ai-study-buddy

1. **Create a virtual environment**

* python -m venv venv  
  source venv/bin/activate # Mac/Linux  
  venv\Scripts\activate # Windows

1. **Install dependencies**

* pip install -r requirements.txt

1. **Run the app**

* python app.py

1. **Open in browser** Go to: <http://127.0.0.1:5000>

## 👩‍💻 Author

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## 🌍 Impact

Supports **SDG 4: Quality Education** by providing accessible AI study tools.