

# AI Flashcard Generator (Swift POC)

Transform notes → study cards in minutes

- Input: text or photo
- Output: flashcards

## What It Does (POC)

- Scan or paste notes → extract text with Vision
- Send text to LLM → generate Q/A
- Review, edit, and approve
- Practice with simple spaced repetition

The image displays three screenshots of an AI Flashcard Generator application, likely built with Swift.

**Screenshot 1: Home Screen**

The main screen shows a list of "Recent Sets":

- Biology 101 (15 cards)
- History of Art (20 cards)
- Calculus II (10 cards)

At the top right is a blue button labeled "Scan Notes".

**Screenshot 2: Scan Notes Screen**

This screen shows the results of a scanned document:

**Extracted Text**

The history of the internet is a fascinating journey from its humble beginnings as a research project to the global phenomenon it is today. In the late 1960s...

**Read More**

**Screenshot 3: Flashcard Creation Screen**

This screen shows the creation of a new flashcard set:

**Flashcards** + Add Card

**Front**  
The history of the internet is a fascinating journey...

**Back**  
In the late 1960s, the U.S. Department of Defense's...

**Front**  
What was the precursor to the internet?

**Back**  
ARPANET

**Front**

A camera icon is at the bottom center.

# User Flow

1. Home → Create Deck
2. Add Source → Scan or paste text
3. Preview text → quick cleanup
4. Generate cards → review list
5. Edit/approve → save deck
6. Practice → self-grade

# MVP Scope

- Capture: camera scan (VisionKit)
- OCR: Vision text recognition
- Generation: call LLM API
- Card editor: edit/approve/delete
- Study mode: Leitner system?
- Storage: Core Data or SQLite
- Sharing & collaboration

Thanks

