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AI Flash Card Generator PoC



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## AI Flash Card Generator PoC

I'll create a proof of concept for an AI-powered flash card generator that lets users create study cards on any topic.

&gt; Version 1

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View

## How It Works

This AI Flash Card Generator proof of concept allows users to:

1. **Enter a topic** they want to study
2. **Choose the number of cards** to generate (3, 5, or 10)
3. **Add additional context** (optional) to focus the AI on specific aspects
4. **Generate flash cards** with questions and answers using AI
5. **Navigate through the cards** with previous/next buttons
6. **Flip cards** to see answers and questions

The application uses the AI SDK to connect to OpenAI's GPT model, which generates appropriate question-answer pairs based on the user's input. The cards are displayed in an interactive deck with a flip animation.

## Technical Implementation

- **Next.js App Router** for the application structure
- **AI SDK** for OpenAI integration
- **Server Actions** to handle the AI generation process
- **Tailwind CSS** for styling with custom utilities for 3D card flipping
- **shadcn/ui components** for the UI elements ▾

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