Flashcards Study App

A study tool for students to create and review flashcards by topic.

Features

1. **Add Flashcards**

   - Inputs for question & answer.
   - Dropdown for topics (math, history, programming, etc.).
   - Color tag each subject.
   - Display if that card has been marked as Learned or not

2. **Flashcards Dashboard**

   - Show cards in a grid or list.
   - Each card can be flipped (question ↔ answer).
   - A progress bar on top showing how many cards have been marked as "Learned"

3. **Study Mode**

   - Navigate through cards one at a time.
   - "Mark as Learned/ Need Revision" buttons.
   - Track study progress in % completion.
   - Add a "Shuffle Deck" button in Study Mode that randomizes the order of flashcards, only shown at the beginning.

4. **Edit & Delete Cards**

   - Edit question/answer.
     i. Fields required
   - Confirm before deletion.

5. **Persistent Storage**

   - Save flashcards and study progress in localStorage.

6. **Filters & Search**

   - Filter by topic.
   - Search by keyword in question or answer.

7. **Responsive + Extras**

  ○ Mobile-friendly for quick studying.
  ○ Optional: Timer for practice sessions.

Study App

| Topic ⇅ | Search... | Search |

2 cards learned ▮▮▯ Study Mode

| What is a Controlled Component? | What is an Uncontrolled Component? | Prop drilling refers to the process of passing down props through multiple layers of components | What is an Uncontrolled Component? |

Topic

⊕

Edit/Create Question

Question

Answer...

Topic ⇅

Save
Delete

Study Mode

▮▮▮▯▯ 5/10 card

Shuffle

Prop drilling refers to the process
of passing down props through
multiple layers of components

Learned   Needs Revision