FlashCards

Your Smarter Path to Lifelong Learning

Use FlashCards to study smarter, not harder

Memorize and master any subject with ease!

FlashCards Features

1. Use Repetition to Improve Your Learning

FlashCards empowers you to take control of your learning. FlashCards eases the difficulty of traditional flashcards by moving them into a digital space, meaning they can be accessed anywhere, anytime. Improving the availability of your flashcards means that you can always reach your learning goals.

2. Organize Your Flashcards

FlashCards offers multiple options to organize your flashcards. You can put your flash cards into decks, allowing you to practice them all at the same time and you can put those decks into folders, allowing grouping of the decks.

3. Interactive Quiz Mode

Test your knowledge by quizzing yourself on your decks of flashcards. These quizzes can be used to evaluate your true understanding of the subject. This can allow you to narrow down what needs to be studied more, and what can be skipped over.

4. Leaderboard

Compete against your friends! Motivation will come from the competition, encouraging you to keep learning. The leaderboard updates automatically, reflecting your improvement over time.

5. Study Streaks NEW!

Keep your streak up! Each day that you continue studying each deck of flashcards will add a day to your streak. Although, if you miss a day, you start back at zero! Streaks encourage you to keep studying everyday, rather than cramming all of your studying into one or two days.

6. Study Goals NEW!

Each of your decks will get a new goal everyday. These goals give you something specific that you can work on in order to continue your journey from novice to master. These goals are automacially tracked and stored in the database, refreshing everyday.

7. Updated Install Directions

Enjoy a smooth installation process with a carefully documented step-by-step guide to getting this project running. Previous iterations of this project contained incomplete installation instructions spread across several places in the repository, making setup a Sisyphean task. These installation instructions have been compiled and expanded to improve the quality of life for future developers interested in contributing to this project!

8. Subject Progress Tracking NEW!

Organize your flashcards into subjects that you are studying! This allows you to have even more control over how you study. Additionally, you can see your study progress through a progress bar on each of your folders, tracking your quiz results in each of your subjects. This allows you to keep track of which subjects you are excelling in, and which could use more improvement.

9. Google Chrome Extension NEW!

A new Google Chrome extension allows you to make new flashcards even easier than ever before! Simply highlight text that you want to make into a flashcard, and new flashcards will be created automatically.

Future Improvements

1. Folder Deletion

While FlashCards does allow you to remove decks, it lacks the ability to remove folders in the same way. Allowing deletion of folders could allow you to clean up your dashboard, especially when moving to a new semester.

2. Improve API Authentication

FlashCards only has authentication for sign-up and log-in requests. In the future, FlashCards could authenticate all API requests to improve the safety and security of the app.

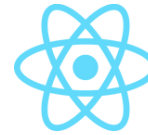### 3. Improve Sign-up and Log-in Options

Sign-up and log-in options such as Google authentication could replace the current account management system, improving the overall security of the system.

4. Use Large Language Models for Automatic Flashcard Creation

A large language model, such as ChatGPT, could be implemented so flash cards could be created around a specific subject given by the user.

5. Add More Study Goals

Currently, FlashCards only has 3 different study goals. Improving the number of goals would improve the variety of study modes and encourge users to keep coming back.

Streaks and Goals!

Track your progress!

Import flashcards directly from the web with our Chrome extension!

This repository boasts 111 tests with ~94% test coverage

Repository:

Demo: