



FlashCards

NC STATE
UNIVERSITY

Flash Your Skills, Quiz Your Knowledge, Rule the Leaderboard!

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Introduction

Master your exams with smart flashcards! Quick, efficient, and tailored for success—your ultimate study tool for acing every subject!

Sells the Project

- Instantly create cards from highlighted text
- Organize flashcards for seamless studying
- Test knowledge with custom quizzes
- Compete and rank among learners



Test Cases

Frontend test cases - 30+
Backend test cases - 40+

Milestones

• Home Page Creation

- Design and develop a user-friendly homepage that serves as a central hub for accessing flashcards and study materials, incorporating personalization features like folder creation, favorites, starred decks, and recent items, while also implementing a recommendation system to suggest new decks based on user activity. This milestone will create a solid foundation for the app, enabling users to customize their experience and easily access their materials.

• Quiz Mode Feature

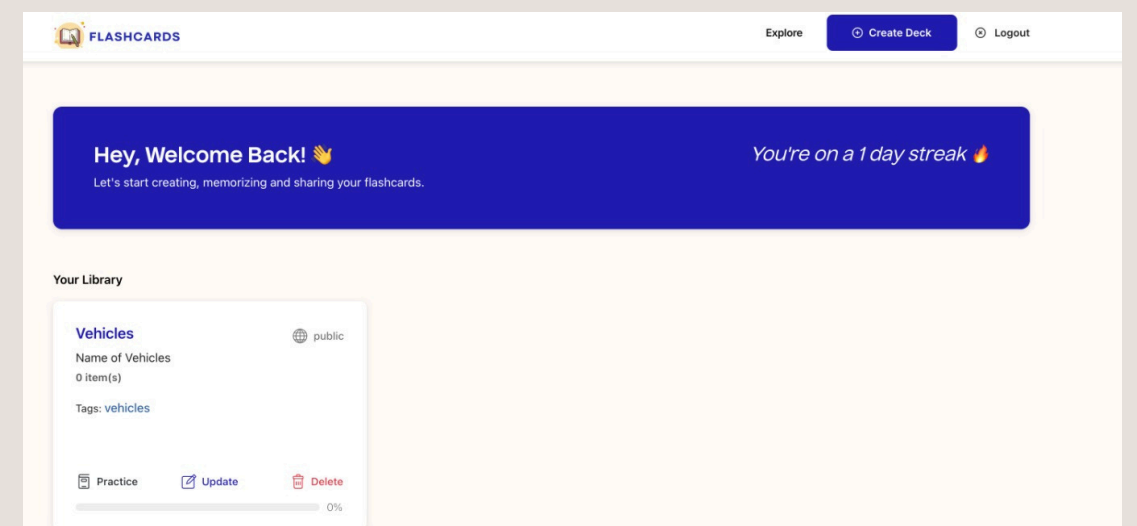
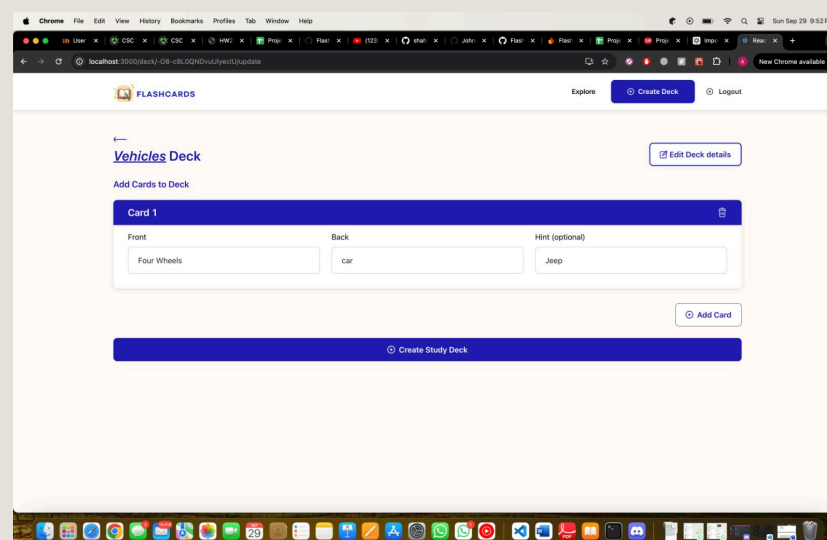
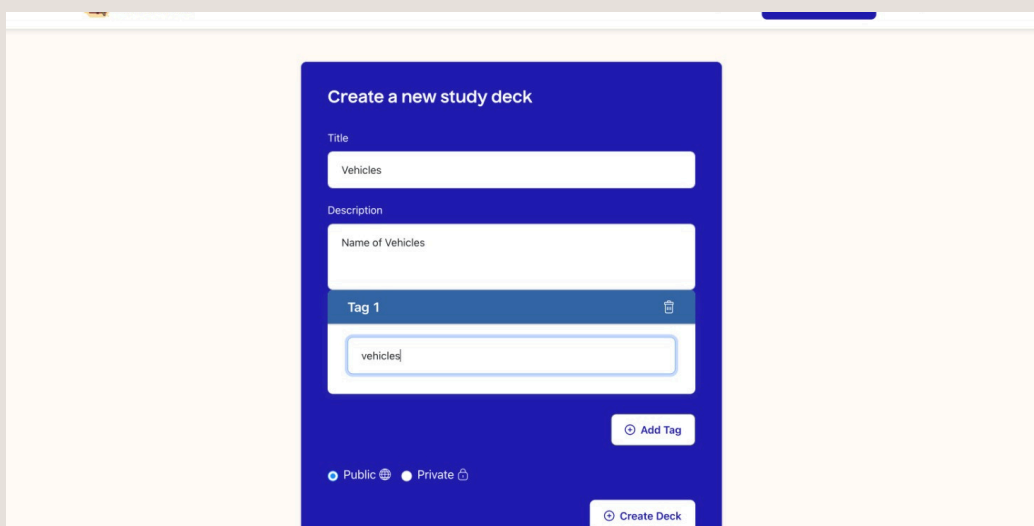
- Develop a quiz mode that allows users to self-test and identify areas for improvement, along with a quiz generation algorithm that seamlessly integrates with existing decks to create personalized quizzes based on deck content and user performance.

• Leaderboard for Quiz Performance

- Develop a leaderboard to track and display user performance on quizzes, ranking users according to their results. This feature will offer a clear overview of individual progress, encouraging users to improve while fostering a competitive atmosphere that motivates engagement and learning.

• Chrome Extension Feature

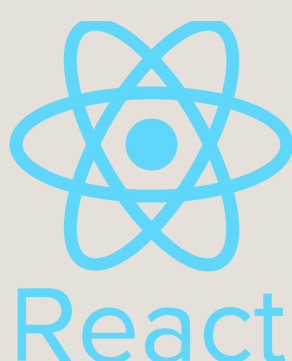
- Enable users to highlight text on websites or online PDFs and instantly create flashcards from their selections. This feature will integrate seamlessly with the existing FlashCards system, enhancing the user experience and streamlining the study process.



Tech Stack



Flask



Firebase

