

CS 240 Final Project: Flashy

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Product Vision for Flashy

- FOR students WHO need to memorize or practice class content THE flashy is a learning tool THAT enables users make flashcard decks and test themselves on the content within the flashcards. UNLIKE quizlet and Anki OUR PRODUCT flashy is user friendly, free, allows image use, and has a broader range of features.

Personas

Claud

- 14-years-old
- Born in Boulder, CO
- Goes to Westlake High School, Houston, TX
- In an intro Spanish Course
- Enjoys fortnight on his Xbox and hanging out with his friends
- Claud has not been paying attention in Spanish
- His grade is not as high as his parents usually expect

Bub

- 21-year-old
- CS Major at a Liberal Arts University in Tacoma, WA
- From Salt Lake City, UT
- Two younger siblings and an older brother
- Mom works in ED at UofU Hospital
- Bub also has a pre-med emphasis
- Is taking Anatomy and Physiology

Project Inspiration

- Demo on Bee's Laptop

Demo

Scenarios

Claud

- Upcoming Quiz
- Needs to learn 15 vocabulary words
- Add words into flashy so that he can study them for his quiz
- Got 95% on vocab quiz thanks to Flashy!

Bub

- Is taking Anatomy and Physiology
 - Course studies all systems of the human body
- Bub has his final on Wednesday
- Spent reading period using Flashy to study systems of the body
- Studied all features of the human body with Flashy
- Got 100% on Final!



Challenges and Obstacles

Database

- Mongo DB
- Working on database before perfecting the basics
- Dependent features

Reading/Writing a JSON object to a file

- Database workaround
- Async issues

GitHub/Git

- Multiple GitHub repositories
- Npm packages
- Branching
- Merging
- Pulling/pushing
- LiveShare/LiveServer
accessibility



Lessons learned

If we could do it over, we
would change...

- Get to the root of a problem rather than trying to force it!
 - Github!
 - Get a basic version running before adding more
 - Trying to work on the database as a group rather than one person
 - Find better resources for learning/implementing more advanced features
 - Workflow
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The image features a dark blue background with a repeating geometric pattern of white lines forming triangles. This pattern creates a border around a central white rectangular area. The triangles are arranged in a way that they point towards the center of the page.

Future Code Changes

How might you change your code in the future after taking this course?

- Do a better job of commenting
- Be more confident in code
- Trust the people you code with
- Plan out more detailed code design



Questions?