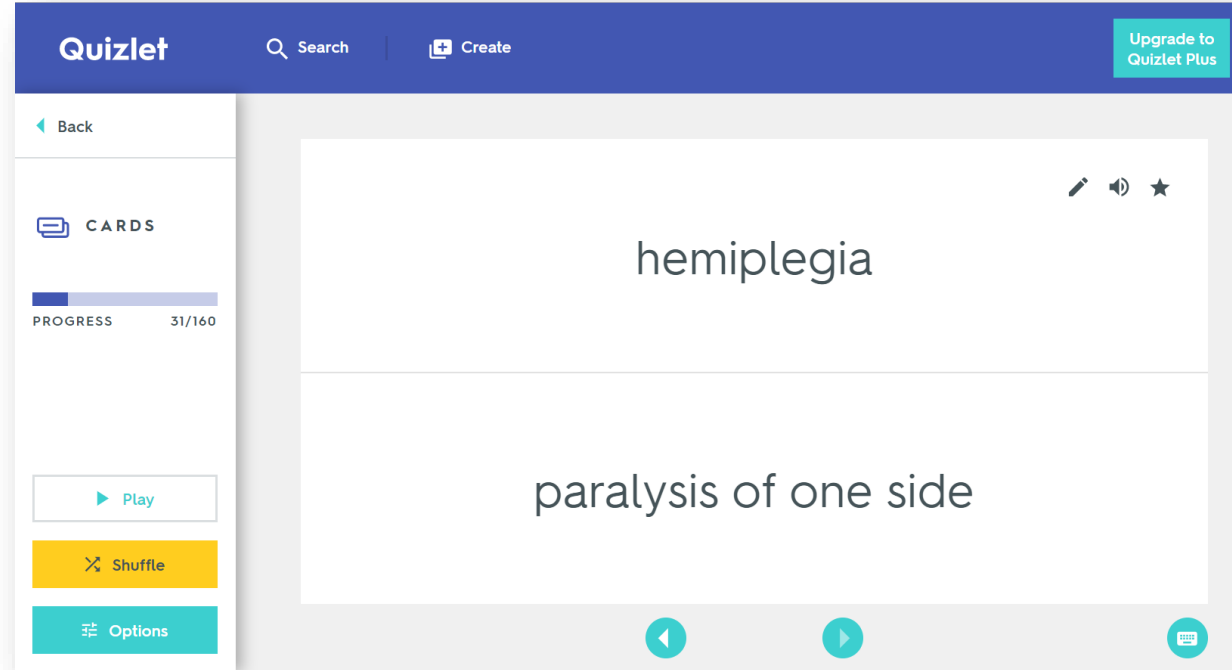# Interface Evaluation of Quizlet

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What Is Quizlet?

- An interactive website that allows users to create and study virtual flashcards

- 7 different study tools and games designed based on principles of learning and memory

Experienced User Interviews

Likes 👍

- Easy to use
- Accessible
- Tools are helpful for memorization
- Can study other user's flashcards
- Saves time and money compared to physical flashcards

Dislikes 👎

- The games tools are not fun
- Limited to vocabulary-based learning
- Can't input equations
- Can't color-code flashcards
- Does not accept multiple forms of a word when typing in answers

3 Main User Tasks:

1. Creating a set of flashcards
2. Studying Flashcards with the "Learn" tool
3. Searching for other users' flashcards

Usability Testing

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Task 1: Create a study set

- Entering terms and definitions was intuitive

- Users struggled to find the initial create button
- Users were confused by the loading page
- Users were confused by having to press the create button twice
- Users made 5 errors total

Task 2: Study the study set with "Learn"

- "Learn" tool was intuitive
- Positive feedback (happy face emoji) from a right answer was encouraging
- No errors were made by any participant

- Negative feedback (half-frowny face emoji) from a wrong answer was demotivating
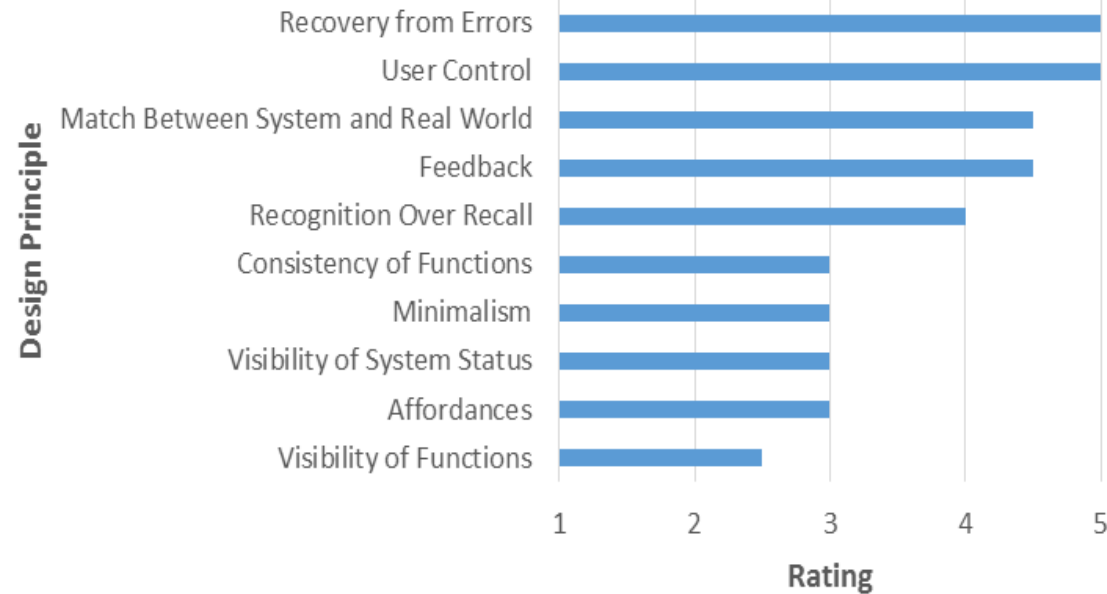
Task 3: Search for other study sets

- The search results using the "Classes" feature were better than expected

- Participants struggled to find the search bar
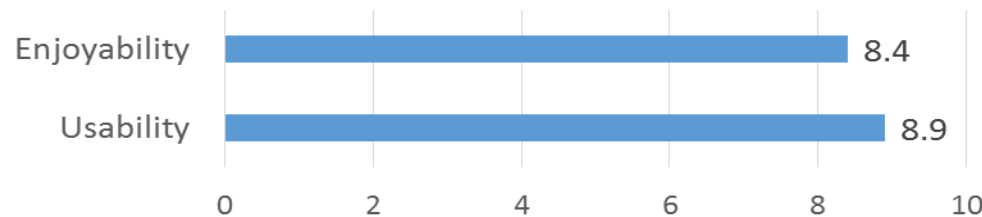- Users made 9 errors total

Analysis and Summary

How well Quizlet Follows Design Principles

Design Principle	Rating
Recovery from Errors	5
User Control	5
Match Between System and Real World	4.5
Feedback	4.5
Recognition Over Recall	4
Consistency of Functions	3
Minimalism	3
Visibility of System Status	3
Affordances	3
Visibility of Functions	2.5

Naive User Ratings of Experience with Quizlet

	Rating
Enjoyability	8.4
Usability	8.9

Design Suggestions

- Search and Create buttons should be bigger and more centered

- Loading screens should have loading icons

- Minimize number of buttons on screen

- Change second "Create" button to "Finish" or "Done"