

eFlash


Your flash card workstation



Problem Statement

- ▶ Current procedure of manually creating paper flash cards can be exceedingly unmanageable and time-consuming
- ▶ Flashcards can easily be misplaced
- ▶ Hard to Categorize
- ▶ These features limit students' ability to self-test their knowledge
- ▶ students not able to use flash cards to study different art and music pieces

Pain Points


- ▶ Hard to manage flashcards
 - Hard to keep track of what subjects were written about
 - Flashcards combining music, pictures, and text all in one have not existed before
 - The benefits of having multiple formats are very appealing → gives the user more freedom to create custom flashcards
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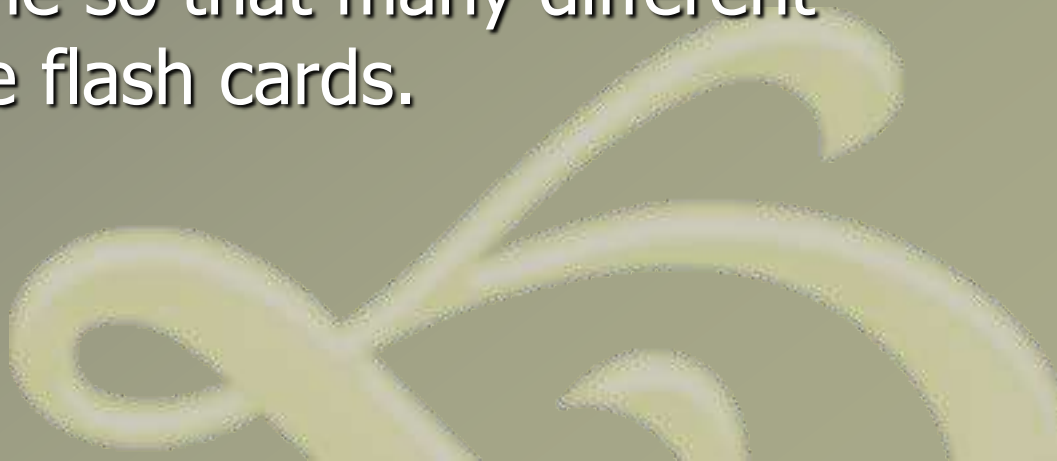
Problems with the existing solution?

- ▶ Flashcards are paper based
- ▶ No automatic quizzing feature
- ▶ Cannot quickly search through flashcard pile to find the one that is needed
- ▶ Not a time-efficient task




How is our solution better?

- ▶ eFlash efficiently stores, and categorizes all different types of student-created flash cards.
 - allows for many different types of input, such as text, sound, and picture
 - Example: The user can record his/her voice, and input those sound recordings as descriptions or themes.
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- The user can also upload any images or sound-files saved on his/her computer to the eFlash database
 - User can create customized multiple-choice and matching quizzes based on the flashcards
 - eFlash will also enable users to post their flash cards publicly online so that many different students can share flash cards.
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Key advantages


- ▶ **Flexibility:** Gives users more freedom to develop their own type of flashcards, it enables users to customize their learning experience
 - ▶ Allows users to take custom-based quizzes of their own choosing,
 - ▶ **Mixed media support:** Flashcards can be text, image, or sound
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Key Advantages

- ▶ **Sharing and reusability.** Students are able to use the internet to share their decks of cards.
- ▶ Students are given the opportunity to reuse flashcards → resulting in more time-efficient studying



Feature descriptions

- ▶ Uploading/Downloading to the eFlash network database
 - ▶ Viewing Decks of Flashcards
 - ▶ Take Multiple Choice Quizzes
 - ▶ Create customizable flashcards, with as many features on them as possible
 - ▶ Export decks of cards to Powerpoint
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Summary

- ▶ Problem: Creating flashcards manually can be very difficult and time-consuming, limited possibilities of flashcard use
- ▶ Solution: Digitizing the Flash Card experience alleviates complications with creation, organization, and sharing

