

Team 8 -- memcpy()

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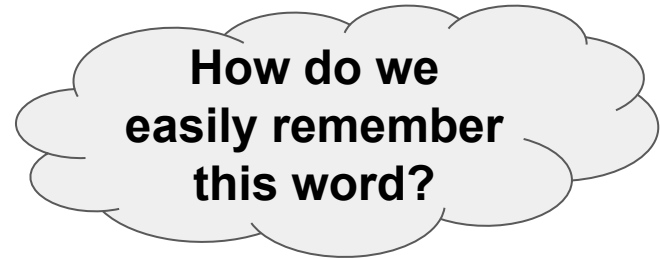
Project Sprint 1

March 30, 2017

15-637 Web Application Development

memcpy(): learn anything with flashcards

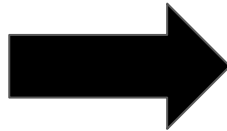
- A website to help people memorize/learn anything such as vocabulary, geography, or any trivial knowledge
 - User-contributed multimedia **flashcards** as hints to help remember things
 - Answer/Flashcards can be text or image
- Example:
 - Word (answer): **hilarious**
 - Definition (question):
very funny,
extremely amusing



memcpy(): learn anything with flashcards

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flashcard



Hillary-ous



Feature: practice with quiz mode and game mode!

- Compete scores and view personal learning statistics

Location
(question)



Timer

5.6

Score

2333

Combo

12

State
(answer)

1. Ohio

2. Pennsylvania

3. Verginia

4. Maryland

Sprint 1 backlog and work division

- Product owner: Yu-Heng Lei
- Subtasks
 - [Bian] Non-logged-in homepage
 - [Bian] Logged-in homepage
 - [Bian] Login, registration
 - [Bian] View and edit profile
 - [Lei, Gu] View, create, edit, delete Books
 - [Lei, Gu] View, create, edit, delete Entries
 - [Lei, Gu] View, create, edit, delete Flashcards
 - [Gu] Learning mode
 - [Lei] Overall website frontend and appearance

Sprint 1 actual progress

- Product owner: Yu-Heng Lei
- Subtasks
 - [Bian] Non-logged-in homepage
 - [Bian] Logged-in homepage
 - [Bian] Login, registration
 - [Bian] View and edit profile
 - [Lei, Gu] View, create, **edit, delete** Books
 - [Lei, Gu] View, create, **edit, delete** Entries
 - [Lei, Gu] **View, create, edit, delete** Flashcards
 - [Bian] **Flashcard of the day**
 - [Gu] Learning mode
 - [Lei] Overall website frontend and appearance (**partial**)

Problem discussions

- Should focus on several highlights
- Functions & Appearance

Demo

Sprint 2 goals

- Product owner: Yi Bian
- Subtasks
 - Fix the necessary subtasks in Sprint 1
 - Mini games:
 - **Quiz mode:** 10 seconds for each entry. When the user gives the wrong answer, the correct answer and their selected flashcard will show up to remind the user
 - **Speed mode:** 30 seconds in total to answer *as many questions as possible*. Answering correctly/incorrectly will add/deduct 1/2 seconds as bonus/penalty
 - **Survival mode:** 5 seconds for each entry to answer *as many questions as possible* until “hit point” (HP) becomes 0. Initial HP = 5
 - Design a simple scoring system
 - Overall website frontend and appearance