

## ***Flashcards* Project Proposal**

Our project "*Flashcards*" will be a web-based flash card application for users to memorize words, terms, and knowledge. The target audience are anyone who want to use flash cards to gain new knowledge. However, our main target users will be people in the 18-35 year-old age range. The site will come with several existing flashcards packages including elementary Japanese and Chinese words, interesting psychology terms/theories, names of famous scenic spots, names of flowers, etc. Users can also generate their own flash card packages.

We are going to use HTML5 and CSS3 to build and polish the information architecture and visual design of the site, and use JavaScript to implement the algorithm.

Challenges might include lack of technical knowledge for realizing certain functions using the JavaScript , such as the login system, the technique to record users' previous flash cards usage history, or the packages they created. One possible way to solve these problems might be introducing plugins written by Python. However, we will further simplify the functions during the later refining process, and only leave the most important and feasible functions considering time limit and our coding knowledge.

Our team consists of two members, Daniel Klein and me [Sophie(Suofei) Lin]. We will cooperate and do all the jobs necessary for the project. I might be responsible for the ideas of the application, the draft wireframe, the high-fidelity prototype, and part of the user-testing and coding process. However, further communication will be made during the progress of our cooperation.