1. application idea

* Provide a tool for Chinese people to memorize English words，
* According to ebbinghaus forgetting curve, the review time and frequency of each word should be arranged intelligently.
* Users can customize the vocabulary list
* Customize the number of words you learn each day

1. Requirements：
2. Functional：

* Customize learning plan
* Customize word list
* Show English words
* Click meaning area to show the Chinese meaning
* Choose to know or unknow button
* Show the processes of learning new words and reviewing old word
* Review old words in the process of learning new words
* Arrange the review of the old words according to the memory of the old words
* Review the old words according to the Ebbinghaus forgetting curve
* can choose to study new words alone, review old words alone or learn plus review three modes
* Word lists and learning processes can be uploaded to the server
* Provide multiple choice quizzes to test learning result
* Show how many new words did you learn; how many old words did your review and how long did you study each time
* Show Completion calendar

1. non-functional

* It can run on computer, tablet, mobile phone and other screen sizes
* Windows, IOS and Android
* Chrome, IE, Firefox and other mainstream browsers
* Function extensibility
* Easy to use
* Good performance
* Simple and beautiful interface

1. feature list:
2. Must Have:

* Customize learning plan
* Customize word list
* memorize words
* Review old words
* Learning summary

1. Nice to Have:
2. Quizzes
3. Uploaded word list and learning process to the server
4. Completion calendar
5. Entity Relationship Diagram (ERD)
6. Prototype

https://github.com/mingwang168/Passion-Project.git