Anki observations

Thursday, 13 April 2023   2:09 PM

Study application that allows for the user to add questions and answer them using 'decks'.

The user can split their study between different decks, separating them into different subjects for example. In each deck different questions can be added for future use.

Opens up to a screen displaying all of the decks added splitting the new, revising, and old questions that will be presented in the current study session.

Has five submenus, decks, a window for adding a new question, searching through already added questions, statistics, and syncing (online function).

Adding a new question presents with a 'front' and 'back', essentially the question and answer.

The search function allows the user to look through all of their existing cards and search them using a search box. It also includes when it was added and what deck it is in.

The statistics function mostly presents information regarding how often the program's study feature is used, alongside with some statistics relating to the cards themselves. It is presented in a variety of graph formats, including bar and pie charts. However, the statistics function lacks the capability to look at certain statistics for a specific card, hence the user cannot figure out which question they struggle with the most.

The settings of the application is quite basic, with one of the most notable being able to alter the study schedule, in other words how long one spends studying a deck.

Something to keep in mind is that this program is an all-round "flashcard" revision tool as compared to the proposed "question and answer" study program, as such the features and scope of the two solutions differ. This observation will help guide the development in forming ideas as to what features are a must in the final solution, what should be expanded on, what is not necessary, and what should be added.

Interview with client

1. What features are you looking for in a study application?
   Inputting questions and answers, display random questions, different question formats (multiple choice, short answer, etc.), add tags to questions and sub tags, sort by tags, saving and exporting questions to some kind of file, mark questions as important, sort questions by number of times gotten wrong (score)

2. What do you want to be in the GUI of the application?
   One screen only, buttons for saving and exporting, change theme (dark and light mode), one box for adding questions and another for displaying questions, drop down box for type of question

3. How do you wish for questions to be presented in the application?
   Pop up window or a box in the first window

4. What is the most important feature that needs to be implemented in the study application?
   Displaying questions -> Tags and sorting -> Saving and exporting -> Customisable theme

5. Would it be useful for the application to open up on boot and present you a question?
   Would be useful if it was customisable (change days it opens, display calendar to select days).
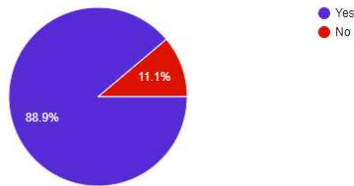
Survey results

Friday, 28 April 2023   9:38 AM

Do you think a flashcard like study application (i.e. you are presented with a question and you type out the answer) would be beneficial to your studies?
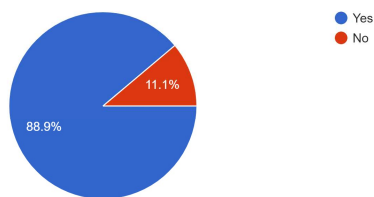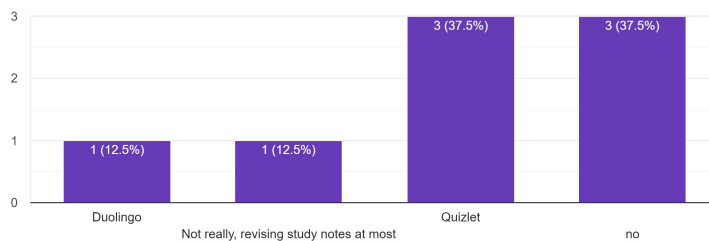
Copy

9 responses

- Yes
- No

88.9%

11.1%

Would you find it helpful if the solution had a feature to automatically open up on device boot and present one question as a means of quick revision (almost) everyday?

9 responses

- Yes
- No

88.9%

11.1%

Have you used a study application before? If so, please type the name of it below:

8 responses

Answer	Count
Duolingo	1 (12.5%)
Not really, revising study notes at most	1 (12.5%)
Quizlet	3 (37.5%)
no	3 (37.5%)

If you put something into the question above, what was the best feature of it?

6 responses

It would ask you a question and if you click on the flash card it would show you the answer so you can correct yourself if need be.
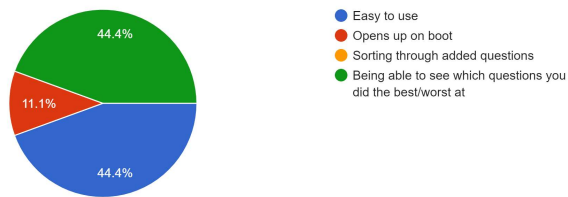
Streaks

no

Something convenient and easily told apart by sub sections of the area of study. i.e. Preparing for a Software Dev SAC in the first 10 minutes of revision, some information that can be easily found via sub sections of the helper to revise.

The test feature

The ability to get questions quickly and effieciently.

What is the most important feature for a study application?
9 responses

Legend:
- Easy to use
- Opens up on boot
- Sorting through added questions
- Being able to see which questions you did the best/worst at

Pie chart values: 44.4% (green), 11.1% (red), 44.4% (blue)

Is there a feature you would really want to be in the study application solution? Please bear in mind it will be subject to the scope and constraints of the SAT.
9 responses

No

Multiple choice questions

showing what you did wrong and how to improve

pesucode

Mentioned in the previous response. Something that can be sorted or viewed in certain sections to assist in certain areas of study would be benefitial to use.

It would be useful if you could take the questions you need to improve on as another set of flashcards for easier revision

if it does what it says then thats good enough

it should look really nice and be customizable

The ability to choose what topic you are getting questions on could be nice.