

User Guide: StudBud – Independent Learning Tool

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Introduction

StudBud is a new mobile app that helps independent learners to store and aid revision of their learning materials. This user guide introduces the features included in this useful study tool.

The First Time You Launch StudBud

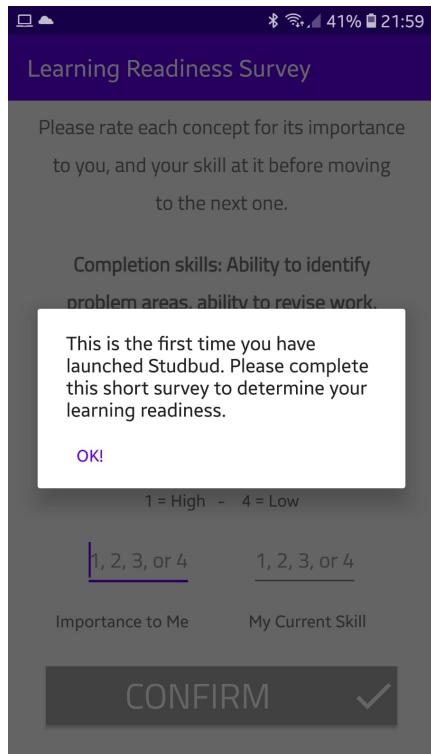


Figure 1 - The First Screen You'll See

You'll be greeted with a quick intro explaining that you should complete this short 'Readiness to Learn' survey to establish whether you are prepared to commit to a serious self-education regime. Although highly recommended, taking this quiz is not mandatory, nor do you have to pass the survey to use the app. You can skip the survey altogether by pressing the back key on your device.

(I intended to add an option to reset the quiz in the settings menu but ran out of development time).

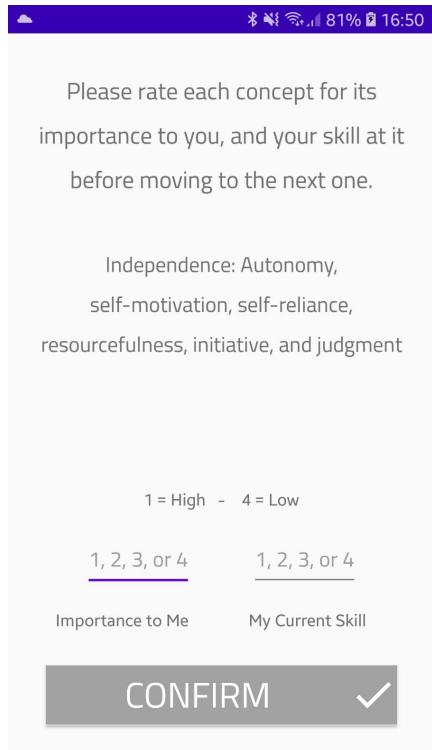


Figure 2 - The Survey

To answer the questions, you must rate each concept from 2 perspectives. First you should rate its importance to you. Second you should rate your current ability at the specific skill/ability.

You can select an answer between 1-4 (inclusive) to represent a rating from high importance/skill to low importance/skill.

- 1 – Very High Importance or Skill
- 2 – High Importance or Skill
- 3 – Low High Importance or Skill
- 4 – Very Low Importance or Skill

The Main Menu

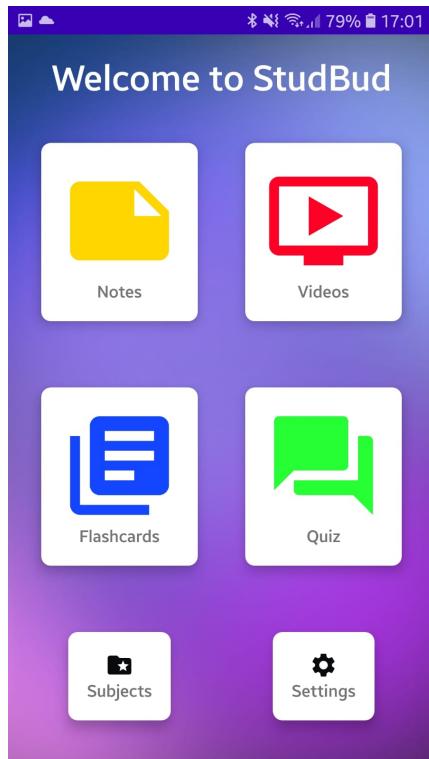


Figure 3 - The Main Menu

This is the main menu. From this screen you can access the 4 main features of the app. Additionally you can access the subjects and settings menus from this screen. To access a feature, simply tap the corresponding icon and you'll be taken there.

[The settings screen is not available in this prototype]

The Subjects Menu

Subjects are how content and features are categorised within the app. All entries to the database must be associated with a subject.

The Subjects menu allows users to add or delete subjects.

Click the add button to be taken to the add subject screen. Here you only need to give the subject a name.

To delete a subject, click the delete subject button from the subject menu. Swipe the subject you wish to delete to the right.

DELETING A SUBJECT WILL CAUSE ALL OF THE CONTENT ASSOCIATED WITH IT TO BE DELETED. DO THIS WITH CARE.

Feature: Notes

The Notes Menu

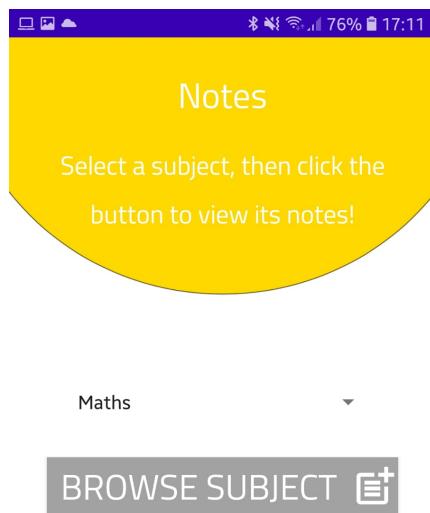


Figure 4 - The Notes Menu

The notes menu, (fig 4) is simple to use. Simply select the desired subject from the drop-down menu then click the browse button to see that subject's notes.

The Note Browser

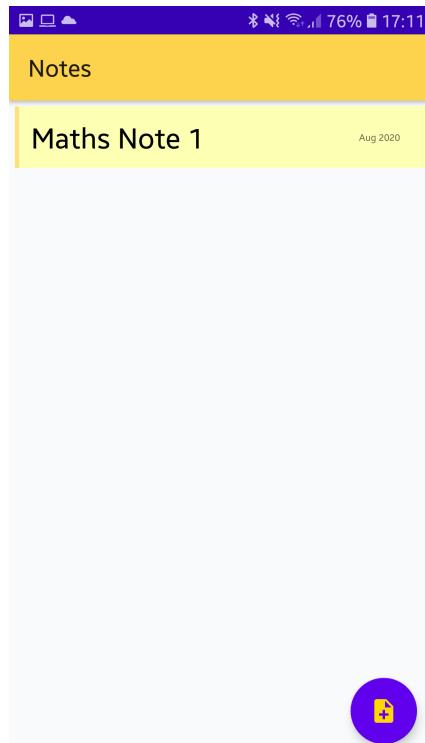


Figure 5 - Browsing your notes

The next screen you'll see is the notes browser (fig 5). Here is a list of all the notes you've created in the chosen subject. To read or edit a note, simply tap on it. Creating a new note is done by tapping the floating purple button in the lower right corner of the screen.

Creating a note



Figure 6 - Adding a new note

This is the note creation screen (fig 6). Simply give your note a title in the top text box, then put the content of your note in the lower section. Click the confirm button to add the note to your library, or press the back button on your device to return to the note browser.

Viewing/Editing a Note

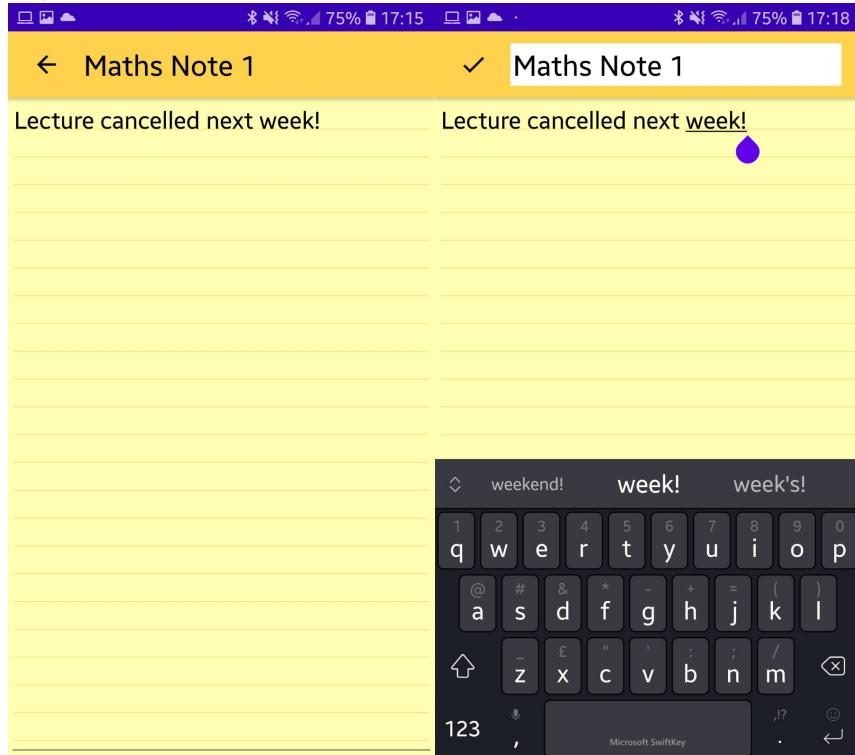


Figure 7 - The view (l) and edit (r) screens

When you click on a note in the note browser, you will view the note (fig 7 L). To enter edit mode, single-tap the title or double-tap the content field to enter edit mode. This will let you edit both the content and title field and will summon the virtual keyboard. In edit-mode, you can press the tick in the top-left to return to view mode. Then click the arrow where the tick used to be to return to the note browser.

Feature: Videos

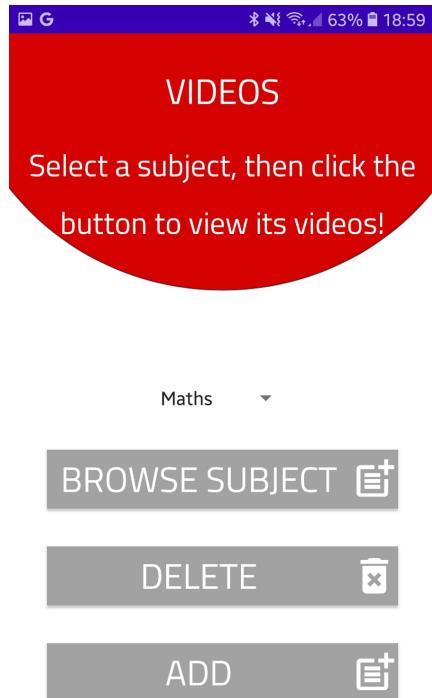


Figure 8 - The Video Menu

The video feature lets you store and view videos. The video menu (fig 8) is simple to use. Simply select the desired subject from the drop-down menu then click the browse button to see that subject's videos, or press the delete button so see a list of videos in that subject for deletion.

Clicking the add button will take you to the add video screen and does not require a subject selection.

The Video Browser

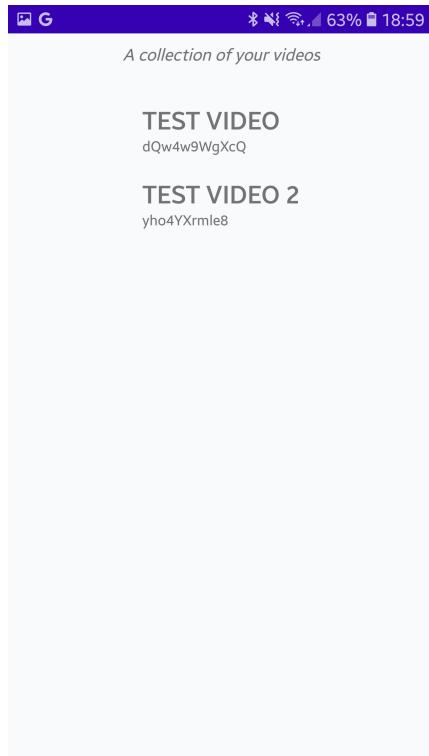


Figure 9 - The Video Browser

This is the video browser (fig 9). Here is a list of all the videos you've created in the chosen subject. To view a video, simply tap on it to be taken to the video viewer.

The Video Viewer

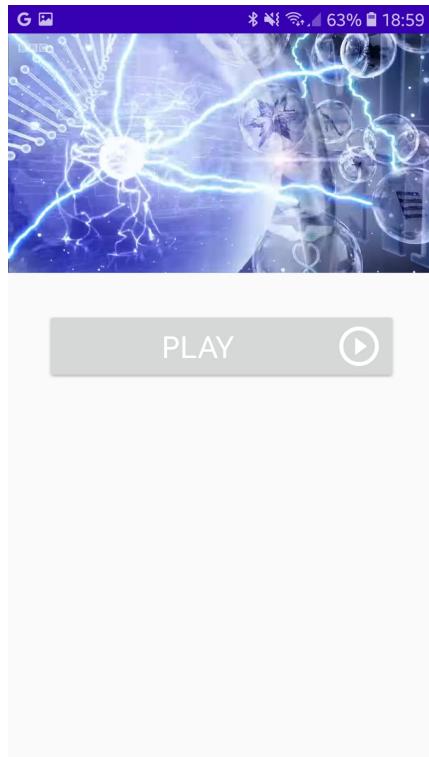


Figure 10 - The Video Viewer Screen

To view load your video, click the play button below the video window. Once the video has initialised you are given all the functionality featured in the integrated YouTube player.

Add a Video

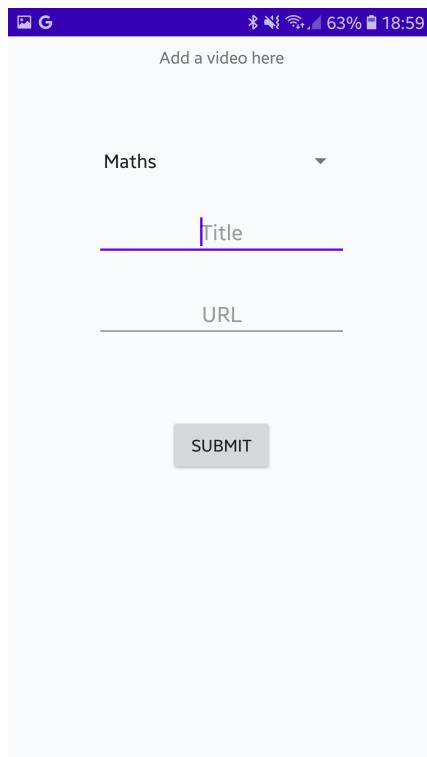


Figure 11 - Adding a video

Adding a video is easy. Simply give it a title then paste the URL of the YouTube video you want to save.

Feature: Flashcards

The Flashcard Menu

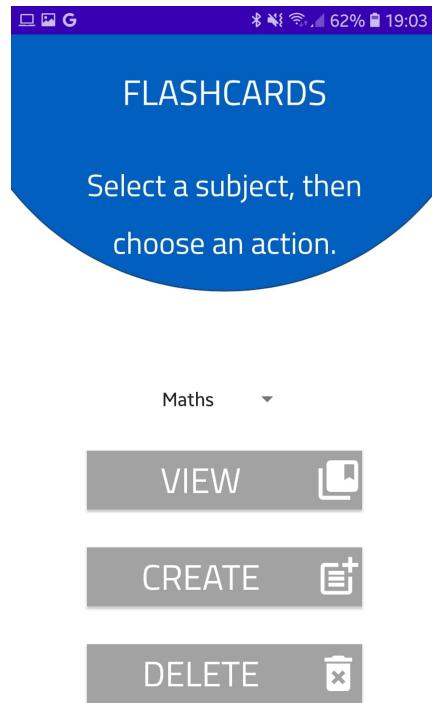


Figure 12 - Flashcards Menu

The flashcard feature lets you store and review flashcards. The flashcard menu (fig 12) is simple to use. Simply select the desired subject from the drop-down menu then click the browse button to see that subject's flashcards, or press the delete button so see a list of flashcards in that subject for deletion.

Clicking the add button will take you to the add flashcard screen and does not require a subject selection.

Viewing Flashcards

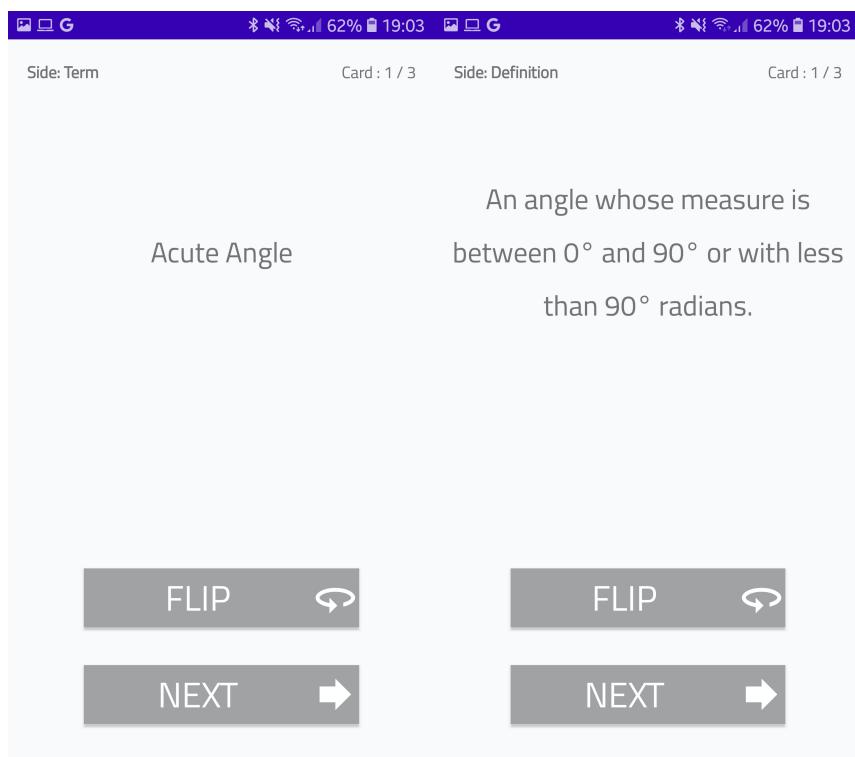


Figure 13 - Viewing 2 sides of a flashcard

Figure 13 illustrates the two sides of a flashcard. You can press the FLIP button to turn the flashcard over and see the other side. Clicking next will take you to the next flashcard in the current selection.

Creating a Flashcard

To create a flashcard: select a subject, type the term you wish to memorise, then write the definition of that term. Click submit to add the flashcard to your library.

Feature: Quiz

The Quiz Menu

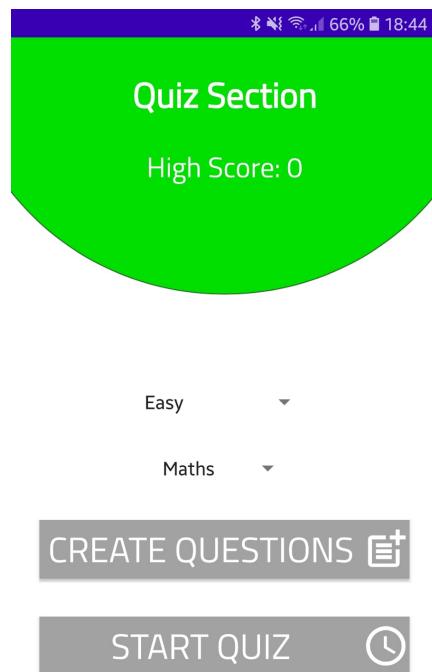


Figure 14 - The Quiz Menu

The quiz feature lets you create custom multiple choice questions which you can later quiz yourself on. The app saves your best score allowing you to record your best progress. You can select a difficulty and subject for your quiz then Press 'start quiz' to begin a quiz with the chosen settings. Click create questions to begin adding custom questions.

The Quiz

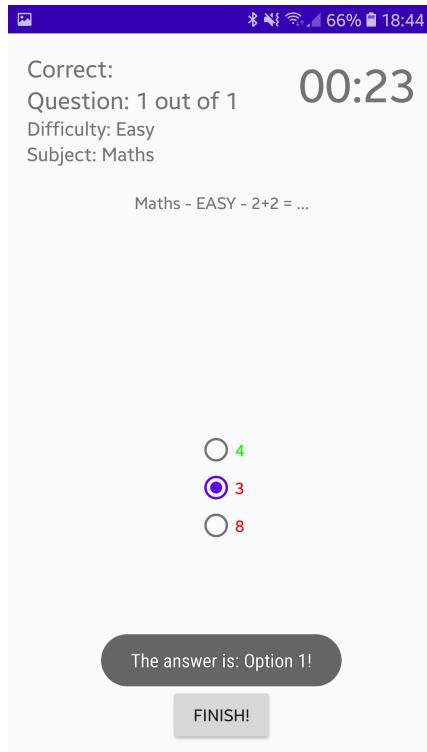


Figure 15 - A quiz in action

Once the quiz begins, you have 30 seconds to select an answer and confirm it. The timer will stop in between questions, and resets when the next question is displayed. When you confirm your selection the answer is revealed by colour coding the responses (green is correct!) and by showing a 'toast' message at the bottom of the screen.

The top left of the screen shows the current score, your progress through the current quiz, and the chosen difficulty and subject of the quiz.

Creating a Quiz Question

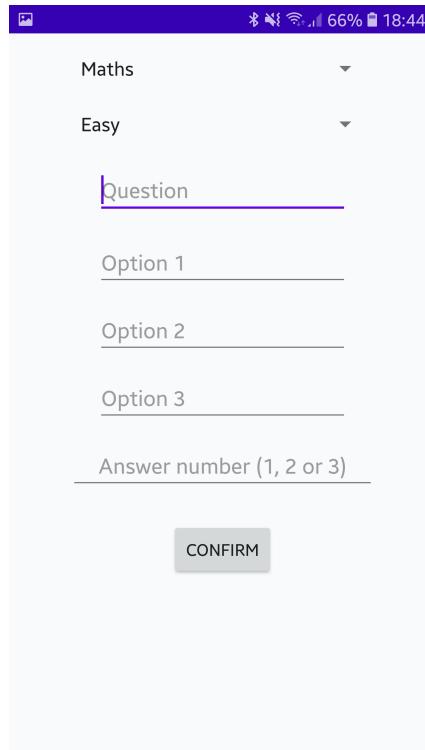


Figure 16 - Creating a quiz question

To create a question. First select a subject and difficulty level. In the question field, write the question text. Then you can offer 3 answer options. Answer number corresponds to the number of the option that is correct (i.e. if option 2 is the correct response, fill the answer number field with '2'). Click confirm to add the question to the library.