

# Scaffold for phase 1 Plan

Due date: 29/4/24

Definitions

Secondary research: Secondary research is research that you have not personally conducted it is recommended that you find quality research using academic search engines such as google scholar to help guide your primary research.

Primary research: Primary research is research that you have conducted personally through surveys. This research should be about the topic and not about your application yet. It is a guide for your ideas

Closed questions: response can only have a certain amount of possible answers. Possible techniques are sliders, multiple choice.

Open ended questions: have multiple possible answers. They can often ask for opinions.

**Research 5 Secondary Sources:**

|  |  |  |  |
| --- | --- | --- | --- |
| Project: | Study Flash Cards Application | | |
| Topic chosen for coding challenge: | Study Flash Cards:   * The program will generate a series of flash cards that have their information sourced from a range of online sources, such as Wikipedia, or an encyclopedia * There will be an option to select the number of flash cards desired, and will output study cards ready to view, and print out in a PDF document * A function to read out the flash cards will also be available to allow for students with different needs (an appeal to two of the challenge’s requirements – Study Tools, Assistive Technology) | | |
| Group members if applicable: | The members in my group include myself (Minas Marentis), and Lawson Connalin. | | |
| Secondary research questions | | | |
| **Source:** | **Article Title:** | **Summary** | **Learnings:** |
| <https://everydayspeech.com/> | Empower Your Learning: The Benefits Of Making Your Own Study Guide Online | Study tools and related content is essential for academic success, and the retention of information. These programs can involve digital study flash cards, a note-taking application, web-source browser, or a program that can assist people to learn effectively. | * Study Tools Are Important For School, And At Home Learning * By Using Them, Students Can Further Their Overall Academic Success, And Track Their Progress, Which Is Critical Information For Teachers |
| <https://elearningindustry.com/the-top-benefits-of-digital-learning> | The Top-10 Benefits Of Digital Learning | Digital learning applications present a myriad of benefits to not only students, but teachers, and is going to impact the future of education. These include access to learning resources 24/7, collaboration with others when working in groups, personalised learning, comprehensive student progress tracking, etc. | * Digital Methods Of Education Can Be Helpful For Students Who Want To Take Advantage Of The Technological World, And Have Lots Of Benefits * Digital Learning Study Tools Will Have An Impact On The Future Of Education |
| <https://www.lenovo.com/> | Study Tools For Students | The use of computerised study tools and learning programs help students to study smarter and more efficiently instead of harder. Interactive learning platforms that have proven success include Coursera, Kahoot, Gimkit, Udemy, etc. Make sure that when you use educational software, you are not copying the output word for word, as that is plagiarism. | * When You Create An Education Program, Ensure That The User Does Not Just Copy The Output – This Defeats The Process Of Learning Itself * If A Student Wants To Work More Effectively And ‘Smarter’, Then Educational Software Tools Are A Great Option For Studying |
| <https://elearningindustry.com/educational-software-advantages-and-disadvantages> | Advantages And Disadvantages Of Educational Software | Although educational software and study tools present a myriad of benefits to students, they also can have disadvantages. Benefits of computerised learning software includes the centralisation of information and learning material, the ability to track the progress of each individual student, less work for the teacher, etc. Some disadvantages are the fact that when students are behind a computer, they are not focussed on the teacher, and not all students can use the software – due to impairments, low vision, etc. | * Educational Software Not Only Presents Benefits, But Also Drawbacks * When Creating Educational Software, You Should Consider Individuals With Varying Needs And Capabilities: e.g. A Dictator For The Flash Cards For People With Low Vision |
| <https://uq.pressbooks.pub/digital-essentials-choose-the-right-tool/chapter/study-tools/#:~:text=There%20are%20a%20range%20of,Brainstorming%20and%20mind%2Dmapping%20tools> | Study Tools | There are a range of tools available to help you with your study, including notetaking, brainstorming and mind-mapping tools, as well as tools to help you read, highlight and annotate PDF documents and books. Some of these tools include Kahoot, Google Keep, Microsoft OneNote, Gimkit, etc. | * Study Tools Can Mean A Multifaceted Approach To Studying: Note Taking, Flash Cards, PDF Annotation, Mind-Mapping Tools, etc. In This Case, Not Just Flash Cards With Key Points |

Plan and create a survey that gathers research from potential users (school audience) about your topic. It must be at least 5 closed questions and 1 open ended questions.

|  |  |
| --- | --- |
| C1 | Would You Use A Generative Study Flashcards Application? |
| C2 | How Useful Would This Application Be To Your Academic Studies? |
| C3 | What Features Would You Find Useful In A Generative Study Flashcards Application? |
| C4 | Would This Program Be More Useful As A Desktop Or Online Application? |
| C5 | What Types Of Information Would You Want This Application To Know? |

Open ended question:

What other suggestions do you have for a generative study flashcards application?

**Link To Survey:**

<https://forms.office.com/Pages/DesignPageV2.aspx?subpage=design&token=7c21abb8e45c4c23a3cebd99d617f2e3&id=V_rtRNu3mE6OF0mRpzML4CYLSxFgHFFIjjHysjAtWshUNTFSRUMyNDc5WDJRRDkxWkVZQlJRWTFHUy4u&analysis=false&preview=%257B%2522ViewModeIndex%2522%3A1%257D>