

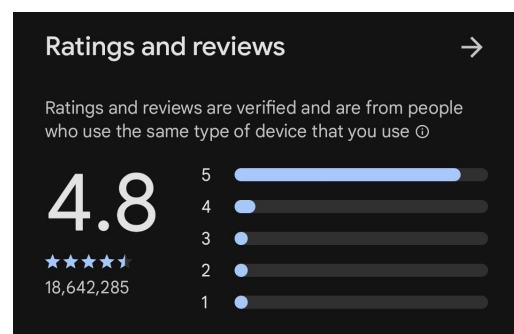
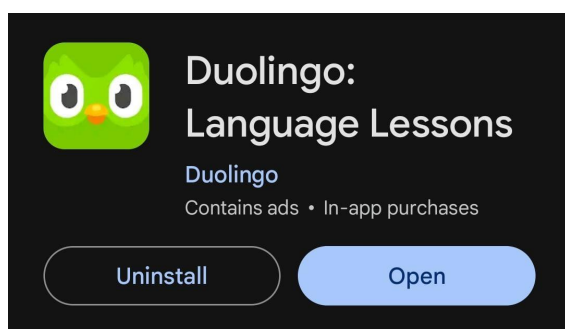
Research and development department (Caua):

- The research and development department must create a form to conduct the market analysis for the project that your company will work on. You will not conduct the market analysis, only focus on creating the form as no answers are expected.

- Form of Search Similar APPSs on the field of teaching:

By searching APPs with similarities in the field of teaching, it will be possible to obtain important recent datas that allow us to improve our APP. That data collected will be got by the User's Feedbacks, that way allowing us to have a good conclusion in positive and negative points, about what the community most likes or not.

One example is the APP Duolingo, the APP has a good rating by the users.



But it is possible to spot negative points where the users didn't get used, or found it hard to understand the APP dynamic, or the huge ads popping-up on their screen.



These kinds of feedbacks are important to improve on the development of the APP with good rates and by consequence, achieving position in that field.

- **The research and development department must research the software/applications they will need to develop the project.**

As responsible for the department of research and development, it is my duty to search for softwares that would help our company with the APP, for instance, programming software, design, platforms to launch, availability with mobile and desktop.

One software that we would use for the creation of the code of the AI would be “NetBeans” that works with the language Java.

As EKER, B. (2023) said, Java would be a great tool to programming the APP, because of its unlimited libraries that allow us to import methods from other languages and implement them in Java, that way having a wide field of Artificial Code Algorithms.



As we developed the code, we would start to develop the User Interface (UI) which is important for a good understanding from all groups of ages. To afford it, we will use Webador and Canva.

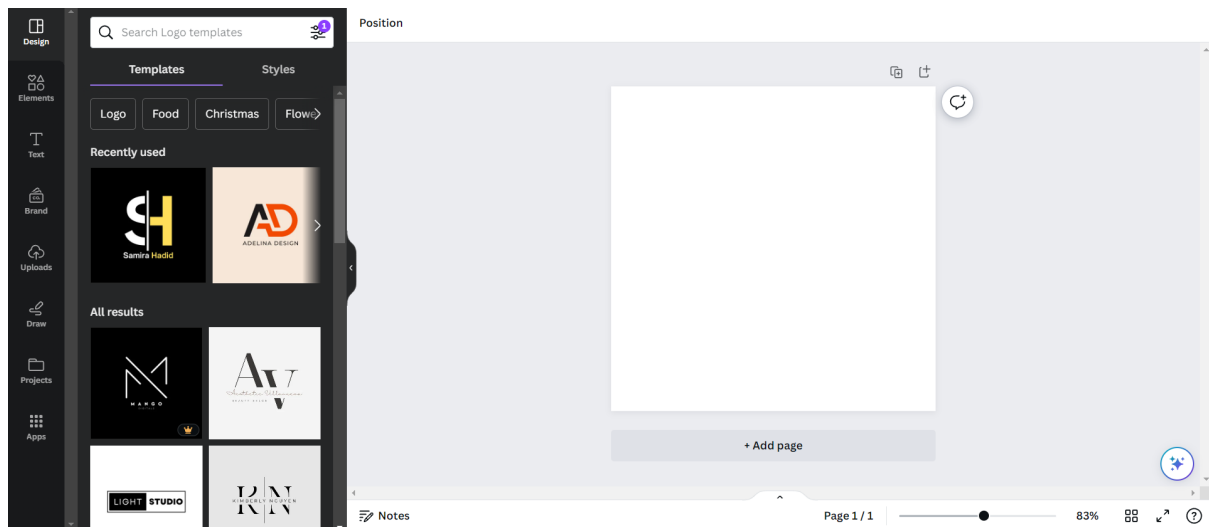
Webador is a website that allows us to create a functional site with a good variability of interactions, such as pages, tools of search, design, and others. It will be important to have, as a portal to the APP community, where will be allocated videos teaching people how to use the APP on their first time, a portal of questions, and the APP download availability for PC platform.



Working already with the APP and our company site, we would need to cause good first impressions to the public, and to make this happen, we must work on typography, iconography and choice of colours, which is easy with the site Canva.



The site Canva contains multi-functions that help us with our necessities.

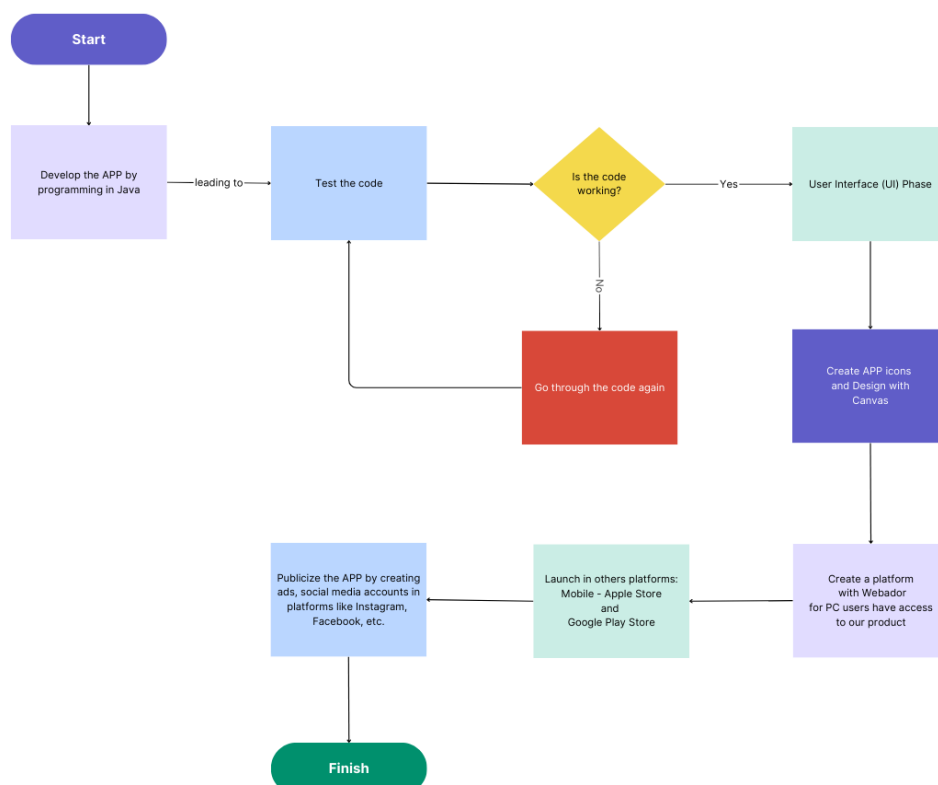


Finally being launched on all platforms. We would have to make it available on Android and Apple platforms by their platform of store, Google Play Store, and Apple Store.

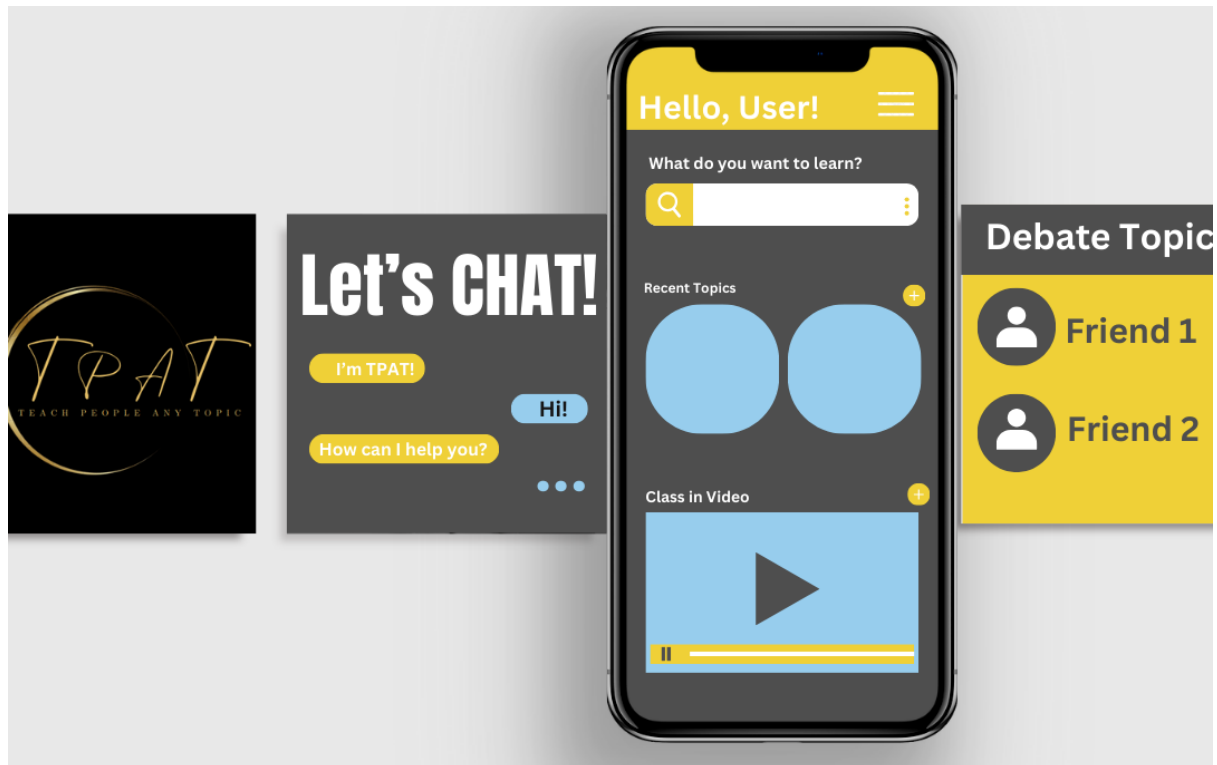
- **The research and development department must create a prototype of the project they will work on.**

I created a Workflow Diagram of our project where I put all our goals and phases, making a plan to finish successful.

Workflow Diagram



I have created an example of how the APP will work, with its tools, Interface with the User, being possible to find a search bar, field of topics and videos, Artificial Intelligence chat, where the User can have its questions answered, and a page of Topic Debates, where the user can dialogue with other users about the topics.



REFERENCES

EKER, B. (2023). *Artificial Intelligence with Java Programming*. [online] Medium. Available at: <https://bayramblog.medium.com/artificial-intelligence-with-java-programming-812b8adb1620>.