

Team Data Pirates

Product/Idea : dynamic book (Ps : Application to improve reading proficiency)

- What is the problem you are trying to solve?
Ans: Most people when try to read from books they will face difficulty to understand complex diagrams in books because it directly shows the end result of a stepwise process and if the don't understand and face difficulty then they just leave the book or skip the topic.
- How does your idea address the problem?
Ans: We tried to make a application which creates a file like books and we provided a feature in this files such that we can store a diagram in sequence in which we are drawing it and then any reader of book can play this diagram and it will drawn on its position in the same sequence in which it was drawn.
- Who are the target customers?
Ans: Every student is our target because students face problems in understanding complex diagrams and figures in books.
- What makes your idea unique?
Ans: We combined the power of lecture and books together which can save our time and also can give the depth knowledge of books. In less effort.
- Do you have a revenue generation model? If so please do share.
Ans: It can generate revenue but we are not thinking about it right now.
- What are the geographies, do you think the idea would be suitable for?
Ans: I think it have no geographic limits because we can found students everywhere.
- What are the risks associated with your idea and how can you mitigate it?
I don't think there is any risk in this idea now because this idea is just a application creating dynamic diagrams in books for increasing reading proficiency and we don't think that it will have any harmful risks.
- Who are the stakeholders involved in order to take bring this idea/product/service to the market?
(Ex: State govt, Department of trade and taxes, pollution control board, Manufacturers)

Intellectual Property Assessment

- Is your idea patentable or patented?
Ans: It is patentable not patended.
- Is your idea built existing work? If so how is it different?
Ans: It is a new Idea from our knowledge till now we just used python tkinter module and python language

Prototype/ Proof of Concept

- What is the nature of the prototype/ proof of concept, you would be able to submit?
Ans: https://github.com/6620913/Application_to_improve_reading_proficiency_Data_Pirates
- What is the approximate cost of developing the prototype?

Ans: There is No cost involved just time.

- Please share the relevant elements while submitting the POC/ Prototype

☐ Software Architecture- Control/Data flow

There are two files:

Creator.py it when we run this file it will show a window which contains some text area and a blue window we need to draw something on the blue area and we can write on the text area after we need to click on save button it will generate a test.ap file

Reader.py :after this if we run reader.py file then it will show a window which have a blue area and a textbox containing the same text as created in reader.py output. If we click on play button between them then it will start drawing the diagram in blue window same as we drew in the creator.py output.

Supporting details

- What regulatory requirements have to be met to bring the idea to life?
Ans: just some time and it will be ready.
- Do you have a business plan/ commercialization strategy? If so please share.
yes if people start using this idea then this have potential to remove the pdf files.
- What is rough estimate of manufacturing/operational costs?
Ans: No cost involved just time.