3.Evaluation of ideas

3.1 SWOT

According to the details discussions and references, the scope of this project has been reached a consensus within the group. In order to evaluate this project, SWOT analysis been applied to entire project to help us to determine how closely a sprint is aligned with its growth trajectories and success benchmarks

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| --- | --- | --- | --- |
| Strength | Weakness | Opportunities | Threats |
| The main advantage of doing this project is that we can provide beginners with a better understanding of the open source(mainly code) they are willing to learn, moreover, they also can learning this by talking to net friends who are expert in this area and also talk with chatbot | A lock of the base users may have bad effect on user experience, especially when automatic interaction system can not answer the questions, and also some potential risks may occur during the project processing, to tackle this, we need to keep frequent communications and more interaction within group | With the increasing number of people start to learn coding , this project will provides beginners with easy way to get started and become expert in the future | Without the perfect reward system, it hard to maintain people to answer questions and also causes the decreasing in the number of users which lead to bad chain reaction |

In conclusion, the structure we are planning now is to combine online chat and automatic interaction system and apply it on open source website (like Github)

Firstly, we supplied the immediate translation function for open source website in order to help student understand the code better. this will alleviate the workload for the responder and also give quick response to the easy questions.

Secondly, beginner who want to learn coding in open source website can talk or leave questions with people who are familiar with specific open source questions, this will provide a place where people can talk to filed experts or people who are willing to answer some questions that chat bot doesn’t understand , it will automatic transfer to the online chat when the chat bot can not answer.