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

|  |  |  |  |
| --- | --- | --- | --- |
| 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 learn this by talking to net friends who are expert in this area and also talk with a chatbot | A lock of the base users may have bad effect on user experience, especially when the 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 the group | With the increasing number of people start to learn to code, this project will provide beginners with an 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 a 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 the student understand the code better. this will alleviate the workload for the responder and also give a quick response to the easy questions.

Secondly, a beginner who wants to learn to code 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 chatbot doesn’t understand, it will automatically transfer to the online chat when the chatbot can not answer.

Individual goals

Front-end design, write the interface that allows users interact with a filed specialist or automatic interaction system