

Team No. 5

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Project Name :Let'sTalk

Project Synopsis (1-25 words)

Social software that lets anonymous people to communicate with each other by using voice or message chat.The project is based on Vue.js.

Project Description (150-250 words)

The reason that we chose this project is because all of our team members are interested in different kinds of social software and we are willing to build some creative features to help people to make more friends. In nowadays' society, people have less time to make friends, and people want to keep everything in a short period of time. Popular application like Tik Tok is so successful because it focuses on the shortness of videos, and people can watch it anytime in any occasions. Our project's goal is to take the concept of 'shortness' from nowadays' application, and provides a platform for people to make friends around the world in a short period of time by voice chatting.

The main features of this project is:

star:(main page, three buttons includes message chat,voice chat and video chat).

Square:(user's current moment include pictures, voice or message).

Chat:(Message,voice chat after matching with another user).

User page:(basic information of the user include he/she's tag, nickname, gender and so on)

Add:(user can post their picture, voice, text to the "Square")

Login:(Log in, Sign in, forget password.....)

The main problem that we might have is the backend part because we don't have any experience of this field. We have to spend some time to learn and practice it.

Hopefully we can implement all the features described above, and the application could help people to make more friends around the world anytime in any place.

Project Milestones

2019 Fall :

- (4 weeks)
- Project requirements defined. Ideas' discussion and exchanged.
- Github set up. Designs layout decided.
- Front-end design. Online server research.
- Prototype design, database scheme

- (4 weeks)
- Initial front-end coding/researching voice input online server
- Initial back-end coding

- back-end coding
- back-end coding

2020 Spring:

- (4 weeks)
- back-end coding/database installed
- front-ends styled,
- UI design

- (4 weeks)
- Front-end/Back-end connected
- Bugs checking
- Project test
- Project release

Project Budget

- Need to rent a cloud server for data storage, it will be free since the size of information needed to be stored will not be big at the beginning.
- Training on using database and coding for the backend is required since most of the teammates are not familiar with it.

Work Plan

Junpeng Cao:

2019 Fall:

- Finish the prototype of this project.
- Front-end design for the User page.
- UI implementation for User page.

2020 Spring:

- Learn how to connect the front-end part to the server.
- User page function implementation.

Blake Rieschick:

2019 Fall:

- Download "Let's Talk" repo and configured environment to support app.

- Work on back-end implementations of the project including implementing mysql database and necessary framework to connect with front-end.
- Implement user accounts on database.
- Implement retention of user data

2020 Spring:

1. Add user configurations to save video, text, talk preferences
2. Connect call logs, text logs, video call logs within user accounts across app services

Bohui Lu:

2019 Fall:

- Front-end design for Log-In page
- Code that can verify correct user's input or correct reaction to user's inputs.
- Help to make all the front-end pages as dynamic as possible
- Back-end research such as online server and database integration with web application
- Testing for the web application in different scales

2020 Spring:

- Multi-users implementation of the web application
- Security of database
- Testing for the entire application

Josh High:

star:(main page, three buttons includes message chat,voice chat and video chat).

2019 Fall:

- Implement UI for main page.
- Implement message chat button
- Implement voice chat button
- Implement video chat button
- Implement user account button

2020 Spring:

- Work on routing for the "star" page
- Connect the main page to the voice chat, message chat, and video chat pages.

Yizhou Wu:

2019 Fall:

- Format the chat window.
- Build voice chat function.

- Picture sending function.

2020 Spring:

- Connect the database and save the chat history.