

Team 7 Project Charter

Goh

Team Member:

Haoyu Zhang, Jim Ning, Yunhan Huang, Ziyang Fang

Project Title:

Goh: A Collaboration and Cooperation Service

Problem Statement:

Throughout our academic careers we have found that it has always been difficult to determine individual participation within the group setting. It has been common that individual participation has been trusted to peer evaluations and for individuals to voice their concerns of unresponsive or non participating group members. Thus, it is our goal to create a collaborative environment for end-users, within the academic sphere, to be able to accurately determine and credit the work done by team members. Our product, Goh, will provide a user friendly interface that will be unique to the current services available within the industry. In comparison to existing technologies, we have found that none incorporate the model of transferring processes between users. Additionally, we have not found any services that offer analytics of user's contributions that can be seen after the project finishes.

Example of leading current project management service: <https://clickup.com/>

[ClickUp](#)

Project Objectives:

1. Building a user-friendly web-based tool for group collaborations to accurately delegate and credit work load.
2. Create a Task-Board system for individual tasks in a team project where users can manage the task.
3. Create contact lists for group members in order to provide more efficient and more convenient group interactions, for example, a notification box for each user.
4. Create a status system for users to provide information to know the availability of the group members
5. Create a tag system for tasks to provide the information about which members are currently working on which task, and the status of the tasks.
6. Create a messaging system for users to be able to communicate within the application.

Stakeholders:

Users: The target users for the project are students and professionals in any industry that requires collaborative work between peers.

Developers: Haoyu Zhang, Jim Ning, Yunhan Huang, Ziyang Fang

Project Manager: Sayali Aniket Kate

Project Owners: Haoyu Zhang, Jim Ning, Yunhan Huang, Ziyang Fang

Project Deliverables:

- Front-end web application in React.JS framework acts as a working panel and project progress tracker for single users to take tasks and report their tasks
- 3D interactive UI based Three.JS framework, mainly for webpage decor
- Google Firebase Realtime Database with NoSQL for data storing