Team Contributions: Rev 0
SFWRENG 4G06 Capstone Design Project

Team #18, InfiniView-AI
Anhao Jiao
Kehao Huang
Qianlin Chen
Qi Shu
Xunzhou Ye

1 Demo Plans

[What you will demonstrating —SS]

2 Meeting Attendance

Student	Meetings
Total	26
Qi Shu	26
Xunzhou Ye	26
Qianlin Chen	26
Kehao Huang	26
Anhao Jiao	26

3 Lecture Attendance

Student	Lectures
Total	2
Qi Shu	2
Xunzhou Ye	2
Qianlin Chen	2
Kehao Huang	2
Anhao Jiao	2

4 Commits

Student	Commits	Percent
Total	4	100%
Qi Shu	4	20%
Xunzhou Ye	4	20%
Qianlin Chen	4	20%
Kehao Huang	4	20%
Anhao Jiao	4	20%

5 Issue Tracker

Student	Authored (O+C)	Assigned (C only)
Name Qi Shu	27	21
Name Xunzhou Ye	21	21
Name Qianlin Chen	1	21
Name Kehao Huang	1	21
Name Anhao Jiao	1	21

Qi Shu and Xunzhou Ye, in their roles as team leaders, bear the responsibility of documenting lecture notes and strategizing for project deliverables. In cases of their unavailability, other team members will assume these responsibilities.

6 CICD

In our project, the CI/CD process is implemented using GitHub Actions, as defined by the workflow 'Action-Test-Demo'. This workflow is triggered on pushes to the 'main' and 'develop' branches. The CI/CD pipeline is centered around ensuring coding standards, running unit tests, and conducting comprehensive regression tests for each pull request. The workflow is named dynamically using the GitHub actor's name, indicating who initiated the run, with a playful rocket emoji to signify progress.

The job 'APP-Test' runs on the latest Ubuntu runner and tests the application in the 'src/client/src' directory. It's designed to support multiple versions of Node.js, specifically 16.x and 18.x, ensuring compatibility and robustness across different environments. The steps include checking out the code, setting up the Node.js environment, installing dependencies with 'npm install', and then executing tests using 'npm test'.

This CI/CD process emphasizes quality and collaboration by requiring approvals from at least two team members for review, and necessitates the successful execution of all defined GitHub actions before merging into the main branch. This approach ensures high standards in code quality and functionality, fostering a reliable and efficient development workflow.