Team Contributions: POC
SFWRENG 4G06 - Capstone Design Process

Team 17, DomainX

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This document summarizes the contributions of each team member up to the POC Demo. The time period of interest is the time between the beginning of the term and the POC demo.

1 Demo Plans

For our demo, we will walk through the main user flow to show that the core system components are connected and functioning. Starting from the Home page, the user navigates to the Sign-In page and logs in. After signing in, the user is taken to the Visualization page, where they can enter a GitHub repository link. Once submitted, our backend retrieves repository information from the GitHub API, and we display a sample visualization (for example, metrics such as the number of stars, contributors, or commit activity) to demonstrate that data is successfully fetched, processed, and rendered. The demo highlights our core PoC objectives: smooth frontend navigation, backend API integration, and visual representation of retrieved data.

2 Team Meeting Attendance

Student	Meetings
Total	7
Awurama	5
Fei	6
Ghena	7
Haniye	7

There was one extra team meeting between Ghena and Haniye to discuss the POC, so they will both have an extra meeting count.

3 Supervisor/Stakeholder Meeting Attendance

Supervisor's Name: Dr. Spencer Smith

Student	Meetings
Total	7
Awurama	4
Fei	6
Ghena	6
Haniye	5

For one supervisor meeting, only one member (Ghena) was expected to attend. One domain expert meeting was called, only one member (Fei) was expected to attend.

4 Lecture Attendance

Student	Lectures
Total	8
Awurama	4
Fei	7
Ghena	7
Haniye	4

5 TA Document Discussion Attendance

TA's Name: Tanya Djavaherpour

Student	Lectures
Total	3
Awurama	3
Fei	3
Ghena	3
Haniye	3

6   Commits

Student	Commits	Percent
Total	147	100%
Awurama	40	27%
Fei	66	45%
Ghena	22	15%
Haniye	19	13%

Current commits were captured on October 31st, 2025 for the main branch. This excludes the POC branch that was currently in active development.

7   Issue Tracker

Student	Authored (O+C)	Assigned (C only)
Awurama	3	3
Fei	15	13
Ghena	2	2
Haniye	2	2

Excluding issues related to meetings.

8   CICD

We use GitHub Actions to automate the building and compiling the changed latex files in our main branch. Members are allowed to merge their changes into the feature branch once all comments were resolved. When at least two members of the team has approved the changes to merge the feature branch into the main branch, members can merge the feature branch into main.

We also use GitHub Actions to support the software development workflow. All active development takes place in our release branch, where changes are committed and pushed regularly. When changes are pushed or a pull request is opened to update the release branch or merge it into the main branch, GitHub Actions automatically runs build checks for both the backend (Django) and the frontend (React). These checks ensure that dependencies install correctly and that the application builds without errors. Once the release branch is stable, and at least one team member has reviewed and approved the changes, it is merged into the main branch.

9 Team Charter Trigger Items

9.1 Summary of Triggers

1. Attending every weekly Monday virtual meeting during lecture time when there are no lectures. Unless the whole team decides to cancel

2. Team members expected to attend all meetings on time, fully prepared and having reviewed relevant materials and the agenda for the meeting

3. All deliverables must meet the team's agreed-upon standards

4. Deliverables must be reviewed by all team members before submission

5. Feedback on deliverables and revisions must be made within 7 days

9.2 Trigger Violations

Trigger	Comment
Lack of feedback	Only a few members consistently review and provide feedback on pull requests when requested.
Feedback resolution	Some feedback on pull requests are not reviewed or addressed, within the 7-days time frame.
Deliverables not reviewed	Deliverables are not reviewed by all team members in a visible way.

9.3 Next Step Plans

Triggers 4 and 5 must be revised.
4. Deliverables must be reviewed by all assigned team members through the "reviewed" confirmation on GitHub, before deliverables are ready to be merged.
5. Feedback on deliverables must be given in 24 hours after a review is requested.

Additional trigger will be added:
6. All feedback must be resolved at least 2 days before the deadline of the deliverable.
If feedback is not provided in time, or resolved in time, a callout will be posted in the team's Discord channel. This will be used as evidence if further issues occur.

10 Additional Productivity Metrics

No additional productivity metric was used by the team.