Team Contributions: Rev 0
SFWRENG 4G06 - Capstone Design Process

Team 17, DomainX

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This document summarizes the contributions of each team member for the Rev 0 Demo. The time period of interest is the time between the PoC demo and the Rev 0 demo; the contributions prior to the PoC are NOT included.

1   Demo Plans

For our Rev 0 demo, we will begin with a brief introduction to the project and a short update on the research progress. We will then walk through the main user flow end-to-end to show that the core system components are integrated 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 and submit it for analysis. Our backend retrieves repository data via the GitHub API, processes the retrieved information, and returns results to the frontend. We will demonstrate that outputs are successfully rendered and that the system is usable end-to-end. The demo will also highlight improvements since the PoC demo (e.g., more robust data handling, clearer outputs, and a more consistent user experience). If any planned functionality is not yet implemented, we will state it explicitly and describe next steps.

2   Team Meeting Attendance

Student	Meetings
Total	4
Awurama	4
Fei	3
Ghena	4
Haniye	4

Most communications have been made over Discord channels outside of meeting times.

3   Supervisor/Stakeholder Meeting Attendance

Supervisor's Name: Dr. Spencer Smith

Student	Meetings
Total	1
Awurama	1
Fei	1
Ghena	1
Haniye	1

4   Lecture Attendance

Student	Lectures
Total	1
Awurama	0
Fei	1
Ghena	1
Haniye	0

5   TA Document Discussion Attendance

TA's Name: Tanya Djavaherpour

Student	Lectures
Total	1
Awurama	1
Fei	1
Ghena	1
Haniye	1

6 Commits

Student	Commits	Percent
Total	44	100%
Awurama	18	41%
Fei	6	14%
Ghena	0	0%
Haniye	20	45%

Note: These commit counts are not an accurate depiction of overall contribution. Most development work for the tool was completed on a separate branch and has not yet been merged into `main`, so the `main` branch commit totals underrepresent the actual work completed during this period.

7 Issue Tracker

Student	Authored (O+C)	Assigned (C only)
Awurama	8	15
Fei	12	25
Ghena	43	4
Haniye	20	9

8 CICD

We use GitHub Actions to support both documentation and software development workflows. For documentation, GitHub Actions automatically builds/compiles modified LaTeX files on pull requests and merges to `main`. Members merge changes into a feature branch after comments are addressed. When at least two team members have approved, the feature branch changes are merged into `main`.

For the software workflow, active development takes place in our `release` branch. When changes are pushed or a pull request is opened to update `release` or merge into `main`, GitHub Actions runs automated checks on pull requests (e.g., the `Run Tests` workflow) before merging. These checks help ensure changes integrate cleanly before merging. Once the `release` branch is stable and reviewed, it is merged into `main`.

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 assigned team members through the "reviewed" confirmation on GitHub, before deliverables are ready to be merged.

5. Feedback on deliverables and revisions must be made within 24 hours

No present trigger violations.

10 Additional Productivity Metrics

No additional productivity metric was used by the team.