

Team Productivity: Rev 0 Flow

Team 9, min-cut
Ethan Patterson
Hussain Muhammed
Jeffrey Doan
Kevin Zhu
Chengze Zhao

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.

[Please do not delete sections or modify the table formats. Standardization helps the instructors and TAs to review these documents. You may add sections to the report. —SS]

[Remove the instructor guidelines/comments in the final version. —SS]

[Fill in the requested information, like project url, TA name, supervisor name, etc. —SS]

1 Demo Plans

[What will you be demonstrating —SS] For our Rev0 Demo we plan to showcase taking a note that involves drawing a state machine, writing some text, and quick navigation around the note.

2 Team Meeting Attendance

[For each team member how many team meetings have they attended over the time period of interest. This number should be determined from the meeting issues in the team's repo. The first entry in the table should be the total number of team meetings held by the team. —SS]

Student	Meetings
Total	0
Ethan	0
Hussain	0
Jeffrey	0
Kevin	0
Chengze	0

[If needed, an explanation for the counts can be provided here. —SS] Our group did not have any meeting up to the time of this productivity report. Our group used asynchronous communication via discord and github to delegate and complete tasks.

3 Supervisor/Stakeholder Meeting Attendance

[For each team member how many supervisor/stakeholder team meetings have they attended over the time period of interest. This number should be determined from the supervisor meeting issues in the team's repo. The first entry in the table should be the total number of supervisor and team meetings held by the team. If there is no supervisor, there will usually be meetings with stakeholders (potential users) that can serve a similar purpose. —SS]

Supervisor's Name: [fill in this information]

Student	Meetings
Total	0
Ethan	0
Hussain	0
Jeffrey	0
Kevin	0
Chengze	0

[If needed, an explanation for the counts can be provided here. —SS]

4 Lecture Attendance

[For each team member how many lectures have they attended over the time period of interest. This number should be determined from the lecture issues in the team's repo. You can find the number of lectures in the time period of interest by looking at the [Google calendar](#) for the capstone course. —SS]

[NOTE: There will be approximately 1 lecture between the POC and Rev0 demos —SS]

Student	Lectures
Total	11
Ethan	11
Hussain	8
Jeffrey	2
Kevin	3
Chengze	6

[If needed, an explanation for the lecture attendance can be provided here. —SS]

5 TA Document Discussion Attendance

[For each team member how many of the informal document discussion meetings with the TA were attended over the time period of interest. —SS]

TA's Name: Lucas Dutton

Student	Meetings
Total	2
Ethan	2
Hussain	2
Jeffrey	2
Kevin	2
Chengze	2

[If needed, an explanation for the attendance can be provided here. —SS]

6 Commits

[There are also columns for lines added and lines deleted to give a sense of the magnitude of each team member's contributions. Note that these numbers can be somewhat misleading, as a team member who does refactoring may have high numbers in both columns, while a team member who implements a large new feature may have a high number of lines added, but few lines deleted. These numbers will be interpreted with care. —SS]

Student	Commits	Percent	Lines Added	Lines Deleted
Total	73	100%	5149	1800
Ethan	36	49.32%	4512	575
Hussain	15	20.55%	288	1032
Jeffrey	9	12.33%	90	49
Kevin	6	8.22%	85	29
Chengze	7	9.59%	174	115

7 Issue Tracker

Student	Authored (O+C)	Assigned (C only)
Ethan	22	4
Hussain	11	8
Jeffrey	11	8
Kevin	4	5
Chengze	6	7

8 CICD via GitHub Actions

CI/CD is being used to compile, lint, format, and run tests on our codebase. The pipeline is run on every PR and needs to pass before it can be merged. It is also run on every merge to the main branch.

LaTex workflow: <https://github.com/ritual-17/flow/blob/main/.github/workflows/buildtex.yml>

Ascii doctor workflow (for SRS): <https://github.com/ritual-17/flow/blob/main/.github/workflows/buildadoc.yaml>

CICD workflow: <https://github.com/ritual-17/flow/blob/main/.github/workflows/ci.yaml>

9 Extras

Our team plans to work on a User Manual and Usability Report as our extras. The usability testing will be designed after Rev 0 and testing will be conducted to include findings in the Verification and Validation report. The User Manual will be created alongside the development process for Rev 1. We still feel these extras are appropriate.

10 Team Charter Trigger Items

For Revision 0, our team did not use a strict set of quantified trigger items, but we followed general expectations such as completing assigned tasks on time, communicating regularly, and staying involved in team progress. No major issues or violations occurred during this revision, as everyone contributed consistently. In future revisions, we plan to define clearer and more measurable triggers to help track productivity and address any problems more effectively.

11 Additional Productivity Metrics

Our team does not have any additional metrics of productivity aside from the ones listed in this report.