

Team Contributions: Rev 0

Software Engineering

Team #1, Sanskrit Ciphers
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Dylan Garner
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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

In this demo, we will showcase the current functionality implemented across both the user interface and machine learning components of the system. This includes recent UI updates such as improved search and filter functionality, dynamic scaling and interaction on the canvas, and fragment annotation support. We will also demonstrate the end-to-end ML pipeline, highlighting fragment segmentation, line count detection, circle classification, script type identification, and scaling behavior. Together, these demos illustrate how the UI and ML components integrate to support efficient fragment exploration and analysis.

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	Num
Name 1	Num
Name 2	Num
Name 3	Num
Name 4	Num
Name 5	Num

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

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	Num
Name 1	Num
Name 2	Num
Name 3	Num
Name 4	Num
Name 5	Num

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

4 Lecture Attendance

Student	Lectures
Total	Num
Omar ElAref	1
Muhammad Umar Khan	0
Dylan Garner	0
Aswin Kuganesan	0
Yousef Shahin	0

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: [fill in this information]

Student	Lectures
Total	Num
Name 1	Num
Name 2	Num
Name 3	Num
Name 4	Num
Name 5	Num

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

6 Commits

[For each team member how many commits to the main branch have been made over the time period of interest. The total is the total number of commits for the entire team since the beginning of the term. The percentage is the percentage of the total commits made by each team member. —SS]

Student	Commits	Percent
Total	Num	100%
Name 1	Num	%
Name 2	Num	%
Name 3	Num	%
Name 4	Num	%
Name 5	Num	%

[If needed, an explanation for the counts can be provided here. For instance, if a team member has more commits to unmerged branches, these numbers can be provided here. If multiple people contribute to a commit, git allows for multi-author commits. —SS]

7 Issue Tracker

[For each team member how many issues have they authored (including open and closed issues (O+C)) and how many have they been assigned (only counting closed issues (C only)) over the time period of interest. —SS]

Student	Authored (O+C)	Assigned (C only)
Name 1	Num	Num
Name 2	Num	Num
Name 3	Num	Num
Name 4	Num	Num
Name 5	Num	Num

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

8 CICD

[Say how CICD is used in your project —SS]

9 Team Charter Trigger Items

The team charter had the following quantified triggers:

- **Attendance Triggers:** All team members were expected to attend all meetings unless a valid excuse was provided in advance. This included team meetings and supervisor meetings, and missing a meeting without a valid excuse would count as a violation. This also includes leaving a meeting early or being late without a valid excuse.

- **Performance Triggers:** Team members were expected to complete their assigned tasks on time and participate in providing code reviews and feedback. All team members were expected to equally contribute to the project, and the team was expected to work together to ensure that the team's performance met the project goals.
- **Communication Triggers:** Team members were expected to equally participate in group discussions, communicate effectively with each other, and respect each other's opinions. Team members were also expected to follow the code of conduct outlined in the team charter, which included treating each other with respect and professionalism.
- **Decision-Making Triggers:** Team members were expected to actively participate in decision-making processes, which involved using a consensus-based approach for decision-making. No team member was to take control of the decision-making process in any circumstance.

There have been the following violations of the triggers:

- **Decision-Making:** A few limited-scope decisions were made by a subset of the team without full consensus. These did not affect major milestones but did not align with the charter process.
- **Performance:** Some tasks were not completed as early as expected, reducing buffer time before milestones. While all milestones were still met, the team finished with less time available than planned.

To address these violations, the team plans to:

- **Adjust Decision-Making Triggers:** For decisions that do not require full-team input, a smaller subset may proceed. Consensus-based decision-making will still be used for major decisions that affect the entire team.
- **Prevent Violation of Performance Triggers:** We will reinforce adherence to the project timeline and ensure that all team members understand their responsibilities and deadlines.

10 Additional Productivity Metrics

[If your team has additional metrics of productivity, please feel free to add them to this report. —SS]