

Team Contributions: Rev0

Software Engineering

Team #11, OKKM Insights
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This document summarizes the contributions of each team member up to the Rev0 Demo. The time period of interest is the time between the POC demo and the Rev0 demo. Specifically, we will be reviewing the period from November 25th until January 29th. For each metric, we will include a table for the period of interest, as well as the entire term. Our work is split over 4 repositories, so when relevant we will specify where contributions have been made.

1 Demo Plans

We will be demonstrating the MVP of OrbitWatch, a crowdsourced data labelling platform.

2 Team Meeting Attendance

| <u>PoC demo to Rev0</u> | |
|-------------------------|-----------------|
| <u>Student</u> | <u>Meetings</u> |
| Total | 4 |
| Kartik | 4 |
| Kyle | 4 |
| Mathew | 4 |
| Oleg | 3 |

| Entire Project | |
|-----------------------|-----------------|
| Student | Meetings |
| Total | 14 |
| Kartik | 13 |
| Kyle | 14 |
| Mathew | 14 |
| Oleg | 11 |

Kartik was available for one of his missed meeting but there were some wifi issues in the thode building where our room was booked. Decided to go through meeting notes in the teams chat.

3 Supervisor/Stakeholder Meeting Attendance

| PoC demo to Rev0 | |
|-------------------------|-----------------|
| Student | Meetings |
| Total | 0 |
| Kartik | 0 |
| Kyle | 0 |
| Mathew | 0 |
| Oleg | 0 |

| Entire Project | |
|-----------------------|-----------------|
| Student | Meetings |
| Total | 2 |
| Kartik | 2 |
| Kyle | 2 |
| Mathew | 2 |
| Oleg | 2 |

4 Lecture Attendance

| PoC demo to Rev0 | |
|-------------------------|-----------------|
| Student | Lectures |
| Total | 2 |
| Kartik | 0 |
| Kyle | 1 |
| Mathew | 2 |
| Oleg | 1 |

| Entire Project | |
|-----------------------|-----------------|
| Student | Lectures |
| Total | 12 |
| Kartik | 7 |
| Kyle | 10 |
| Mathew | 11 |
| Oleg | 9 |

5 TA Document Discussion Attendance

| PoC demo to Rev0 | |
|-------------------------|-----------------|
| Student | Lectures |
| Total | 1 |
| Kartik | 0 |
| Kyle | 1 |
| Mathew | 1 |
| Oleg | 1 |

| Entire Project | |
|-----------------------|-----------------|
| Student | Lectures |
| Total | 4 |
| Kartik | 2 |
| Kyle | 4 |
| Mathew | 4 |
| Oleg | 4 |

Kartik let the team know well in advance about his different meeting (clash) and made sure the message was conveyed through one of the teammates. He let the TA know himself as well in the next tutorial meeting.

6 Commits

| PoC demo to Rev0 | | | | | | | |
|------------------|---------|------|----|----|-------|-------|---------|
| Student | Commits | Main | FE | BE | Model | Total | Percent |
| Total | 80 | | 34 | 17 | 0 | 131 | 100% |
| Kartik | 10 | | 0 | 0 | 0 | 10 | 8% |
| Kyle | 27 | | 0 | 3 | 0 | 30 | 23% |
| Mathew | 19 | | 34 | 5 | 0 | 58 | 44% |
| Oleg | 23 | | 2 | 9 | 0 | 34 | 26% |

| Entire Project | | | | | | | |
|----------------|---------|------|----|----|-------|-------|---------|
| Student | Commits | Main | FE | BE | Model | Total | Percent |
| Total | 359 | | 54 | 31 | 10 | 454 | 100% |
| Kartik | 69 | | 0 | 0 | 7 | 76 | 17% |
| Kyle | 172 | | 0 | 12 | 0 | 184 | 41% |
| Mathew | 71 | | 52 | 5 | 0 | 128 | 28% |
| Oleg | 47 | | 2 | 14 | 3 | 66 | 15% |

Oleg's commit count is low due to his preference for working in a word processor before transferring completed sections to LaTeX. Most assigned issues were completed in one go, with reviews conducted outside of GitHub's infrastructure. Additional commits result from review feedback or self-corrected typos.

7 Issues

| PoC demo to Rev0 | | |
|------------------|----------------|-------------------|
| Student | Authored (O+C) | Assigned (C only) |
| Total | 56 | 52 |
| Kartik | 10 | 12 |
| Kyle | 17 | 13 |
| Mathew | 23 | 18 |
| Oleg | 6 | 9 |

| Entire Project | | |
|----------------|----------------|-------------------|
| Student | Authored (O+C) | Assigned (C only) |
| Total | 158 | 130 |
| Kartik | 10 | 23 |
| Kyle | 78 | 39 |
| Mathew | 47 | 40 |
| Oleg | 23 | 28 |

The number of issues assigned to Kartik might look less but this was because he took up other responsibilities, one being doing the reflections for the documents. Kyle was the only team member to create and assign issues during the first deliverable. This was prior to completing our team git protocol, so other team members did not create issues and therefore Kyle has 8 additional issues created. Kyle also authors meeting issues.

8 CICD

See section 7.2 of development plan found [here](#).

9 Additional Metrics

Number of Pull requests reviewed:

| Entire Project | | | |
|----------------|----------------|----------|-----------------|
| Student | Authored (O+C) | Reviewed | Peer's Reviewed |
| Total | 96 | 65 | |
| Kartik | 19 | 7 | 5 |
| Kyle | 33 | 34 | 29 |
| Mathew | 53 | 32 | 32 |
| Oleg | 26 | 2 | 0 |

Peer review feedback for team 17:

| Entire Project | |
|----------------|----------------|
| Student | Authored (O+C) |
| Total | 22 |
| Kartik | 0 |
| Kyle | 6 |
| Mathew | 16 |
| Oleg | 0 |