

# Team Contributions: Rev 0

## SyncMaster

Team 15, SyncMaster

Kyle D’Souza

Mitchell Hynes

Richard Fan

Akshit Gulia

Rafeed Iqbal

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. Our POC Demo was Nov. 15, so the period of interest is Nov. 16, 2024 to Jan. 29, 2025.

## 1 Demo Plans

For the rev0 demo we will be demonstrating the full feature set of the SyncMaster application as described in the [SRS](#). We may disclude features related to logging contractor entry/exit times if there is not enough time to complete these features.

## 2 Team Meeting Attendance

Student	Meetings
Total	8
Kyle D’Souza	8
Richard Fan	8
Mitchell Hynes	8
Rafeed Iqbal	6
Akshit Gulia	7

There is no exact number, but many of our meetings end up being unplanned or planned on very short notice, so it is understandable that there will be a decent

number of these where some group members do not attend simply because we didn't give much heads up about the meeting.

### 3 Supervisor/Stakeholder Meeting Attendance

Student	Meetings
Total	4
Kyle D'Souza	4
Richard Fan	4
Mitchell Hynes	4
Rafeed Iqbal	2
Akshit Gulia	4

Rafeed had a previously discussed conflict for 1 of these meetings.

### 4 Lecture Attendance

Student	Lectures
Total	2
Kyle D'Souza	0
Richard Fan	2
Mitchell Hynes	2
Rafeed Iqbal	0
Akshit Gulia	1

Kyle had a previously discussed conflict for one of these lectures.

### 5 TA Document Discussion Attendance

Student	Lectures
Total	1
Kyle D'Souza	1
Richard Fan	1
Mitchell Hynes	1
Rafeed Iqbal	1
Akshit Gulia	1

## 6 Commits

Student	Commits	Percent
Total	215	100%
Kyle D'Souza	68	31.6%
Richard Fan	35	16.3%
Mitchell Hynes	32	14.9%
Rafeed Iqbal	59	27.4%
Akshit Gulia	21	9.8%

These numbers were obtained from looking at the GitHub contributor insights and subtracting the numbers from the POC demo team contribution report. There is technically some overlap here between commits before the POC, and commits after, but it should be minimal and only stuff not included in that report.

## 7 Issue Tracker

Student	Authored (O+C)	Assigned (C only)
Kyle D'Souza	55	17
Richard Fan	5	16
Mitchell Hynes	19	9
Rafeed Iqbal	0	9
Akshit Gulia	13	10

These numbers were obtained by taking the current numbers over the whole existence of the repo and subtracting the numbers from the previous team contribution report. There may be a small amount of overlap from before the POC demo as a result of that.

In terms of issues authored the reason it is so imbalanced is because generally when assigning work for a deliverable we will all have a call and Kyle will create issues and assign them to people (but we are all agreeing on whats being created and who its being assigned to). To our knowledge issues can't be co-authored, so it leads to that disproportionate issue creation statistic.

## 8 CICD

We will use Github Actions to run unit tests and linters on the project on every pull request, to ensure consistency of code formatting and that code added in

a pull request does not break the functionality of our application. This action currently exists for our backend code, but nothing yet for the frontend.

There will also be a build and deploy action for deploying our application into its development and production environments.

Currently we also have a GitHub action for checking the formatting of our LaTeX documents.

## 9 Additional Metrics

### 9.1 Pull Request (PR) Merges

Student	PR's Merged
Total	45
Kyle D'Souza	18
Richard Fan	10
Mitchell Hynes	5
Rafeed Iqbal	6
Akshit Gulia	6

Similar to previous statistics, this one was taken by looking at the current number of PR's merged, and subtracting the number we had in the previous team contribution survey, which again has some overlap with the time before the POC.

This metric takes into account the number of pull requests merged that a student authored. It can be put off a bit if someone took over a pull request after it was authored, but our team has not done this very much, so the statistic should be accurate.

### 9.2 Pull Request (PR) Reviews

Student	PR's Reviewed
Kyle D'Souza	25
Richard Fan	26
Mitchell Hynes	3
Rafeed Iqbal	2
Akshit Gulia	1

Similar to previous statistics, this one was taken by looking at the current number of PR's reviewed, and subtracting the number we had in the previous

team contribution survey, which again has some overlap with the time before the POC.

This metric takes into account the number of pull requests reviewed by a student which they did not author. The reason for disclusion of pull requests the student authored is that often reviews by a student on their own pull request is just responding to a comment, or putting a small annotation, which is helpful, but is not what we are trying to gather from this metric.