Team Contributions: POC
Software Engineering

Team #22, TeleHealth Insights
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Parisha Nizam
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This document summarizes the contributions of each team member up to the POC Demo. The time period of interest is the time between the beginning of the term and the POC demo.

1 Demo Plans

In the proof of concept demonstration, the team will showcase an interactive interface that displays the front camera of the device to detect and respond to specific visual inputs. When a user places their face in front facing view of the camera, the application will recognize when the user uses hand gestures in view of the camera, or when multiple faces are detected in the view. The interface will provide feedback by displaying what action it detects below the displayed camera feed within 3 seconds of the action itself.

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

Student	Meetings
Total	6
Mitchell Weingust	6
Jasmine Sun-Hu	6
Parisha Nizam	5
Promish Kandel	5

Promish and Parisha each missed one meeting when they were sick. All team members attended supervisor and stakeholder meetings when the circumstances allowed it. If a team member missed a meeting, they caught themselves up by reviewing meeting notes and talking with other teammates.

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. The first entry in the table should be the total number of lectures since the beginning of the term. —SS]

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 lecture attendance can be provided here. —SS]

5 TA Document Discussion Attendance

Student	Lectures
Total	3
Mitchell Weingust	3
Jasmine Sun-Hu	3
Parisha Nizam	3
Promish Kandel	3

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)
Mitchell Weingust	143	40
Jasmine Sun-Hu	11	43
Parisha Nizam	3	44
Promish Kandel	4	37

For the authored issues, Mitchell was elected to create the issues for the team for organizational purposes. Assigned issues are distributed very evenly, disparities are due to cases where when dividing the workload one team member is assigned a few larger sections, and another is assigned multiple smaller sections.

8 CICD

- GitHub Actions will be used to create and manage continuous integration workflow scripts.
  - Running a code linting tool and automatically enforcing style guides
  - Restricting the ability to merge pull requests that do not meet our coding standards (see section 11)
  - Perform PR check: PR template is filled correctly such as correct labels and issues are linked properly to PR.
  - Ensure that the code builds successfully on each push
- If all tests pass, and at least one team members review the pull request, the branch can be approved and merged into the main branch.
- The lead developer will ensure all necessary code is covered by automated tests.
- A rollback strategy will be included in the CD pipeline in case the project needs to be reverted to a previously stable state.

The CI/CD will be used further to run more unit tests for PRs's once developed from MIS in the VnvPlan as well as automatically adding applicable labels to PRs based on the code change.

9 Productivity

We have the following metrics that we will track to ensure optimal productivity from each team member

- Attendance: 95% of all team meetings
- Commits: At least 3 meaningful commits per Deliverable (Meaningful means: 10-15 lines of code (minimum) changed per commit)
- Confirm review of all documents prior to submission
- Confirm review of all rubric criteria prior to submission