

SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY



ONLINE LEARNING PLATFORM FOR HEARING IMPAIRED PEOPLE

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Batch:	Data Science
Project ID:	2022-059

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1. Microsoft Teams Calls

1.1 Teams calls with research Team

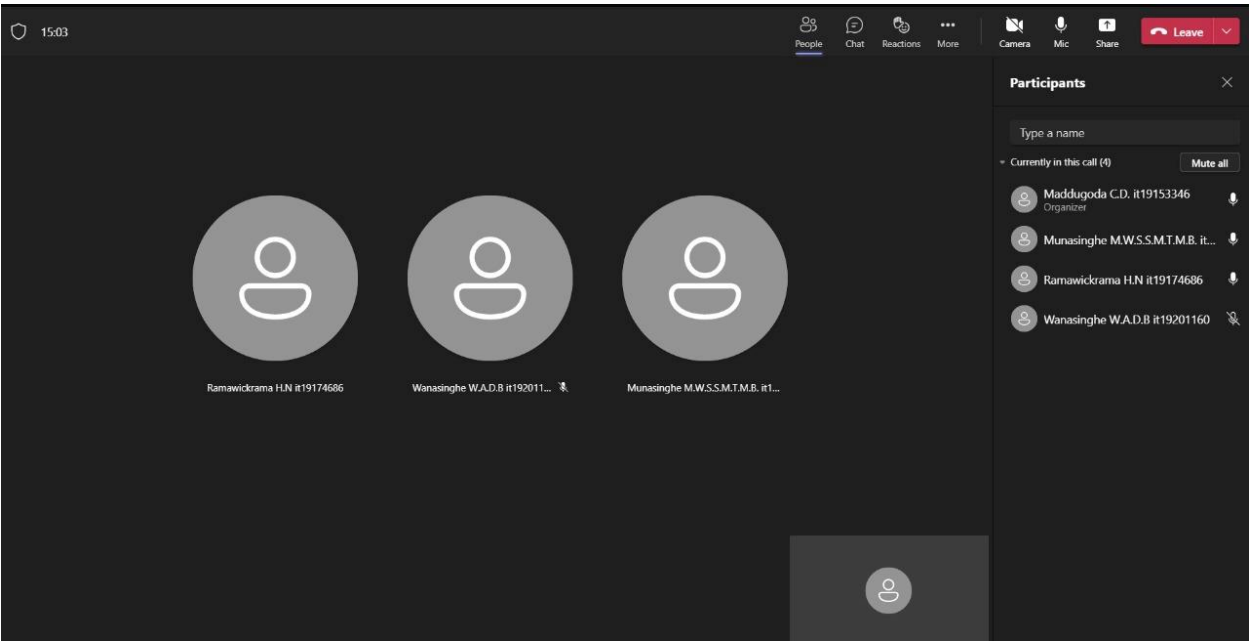


Figure 1 Teams call 1 with Research team

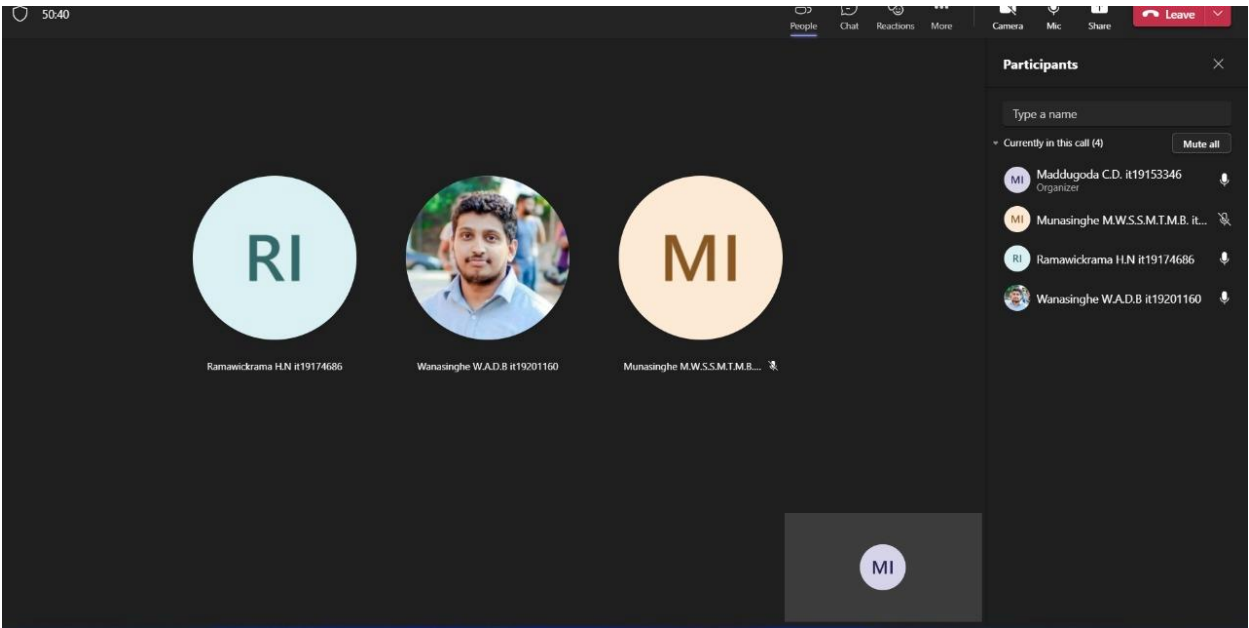


Figure 2 Teams call 2 with research Team

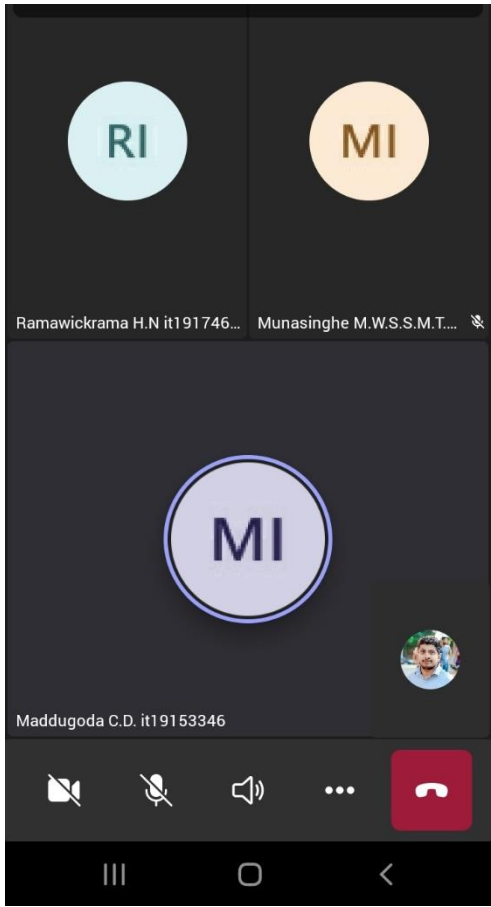


Figure 3 Teams call 3 with research Team

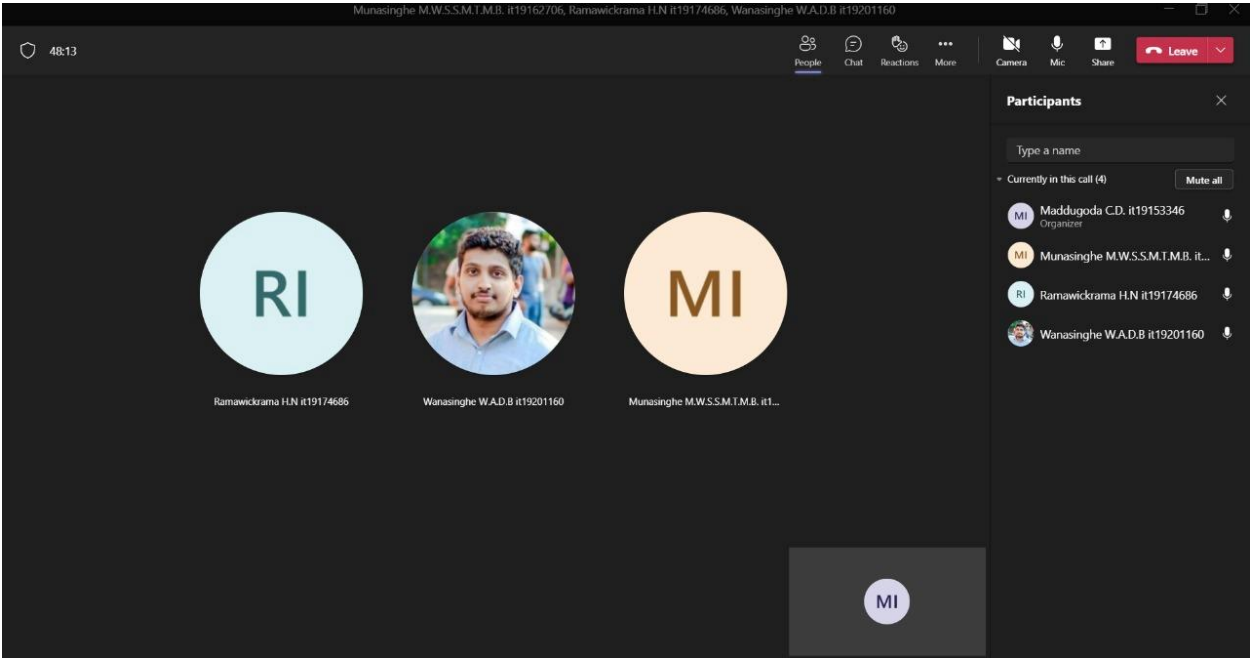


Figure 4 Teams call 4 with research Team

1.2 Teams calls with supervisor

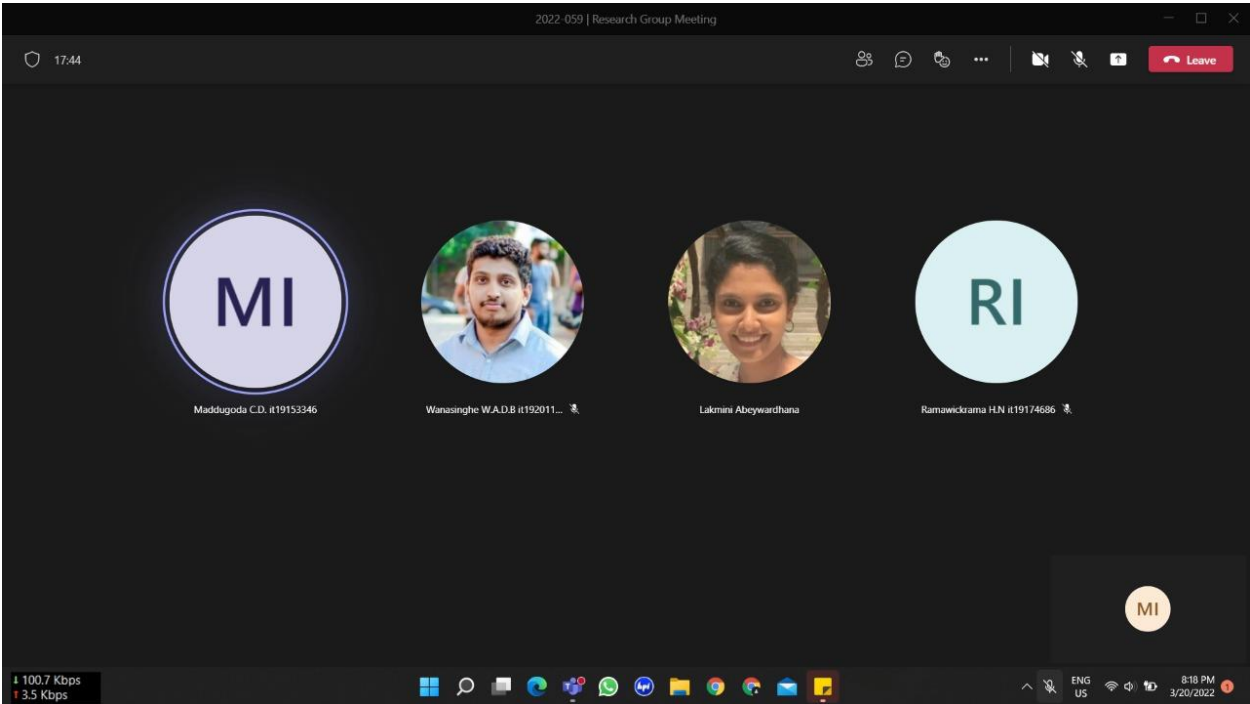


Figure 5 Teams call 1 with Supervisor

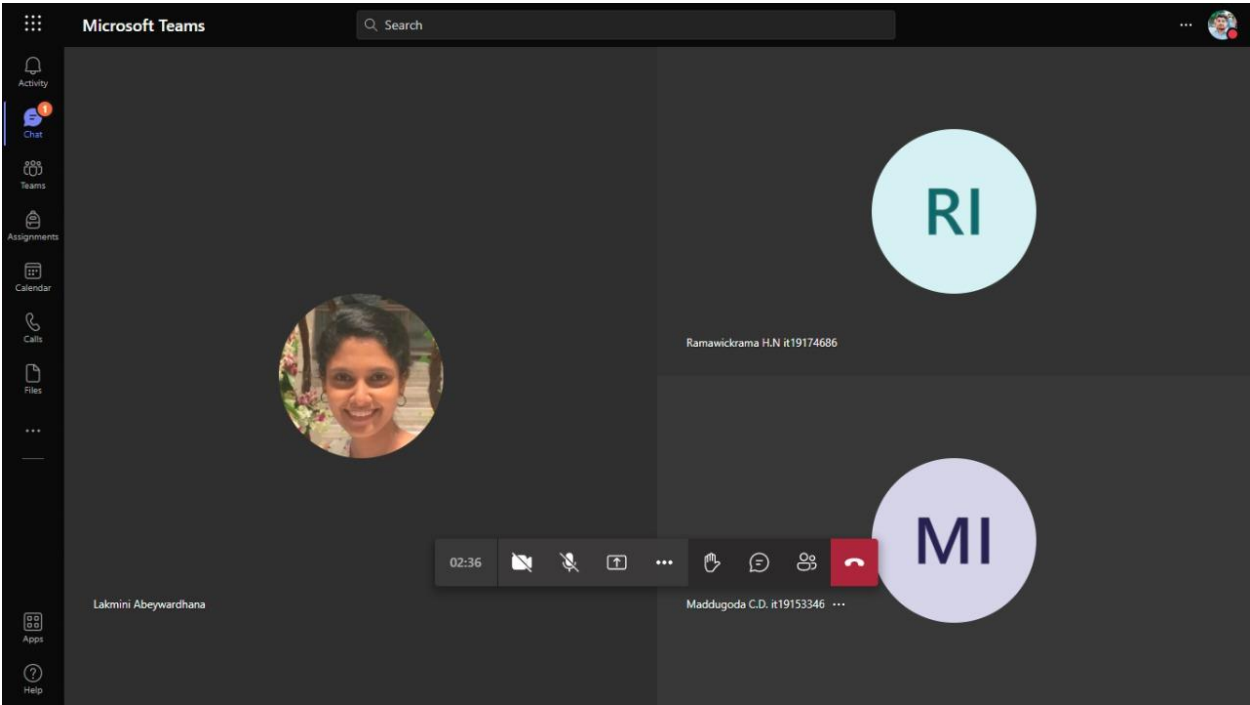


Figure 6 Teams call 2 with Supervisor

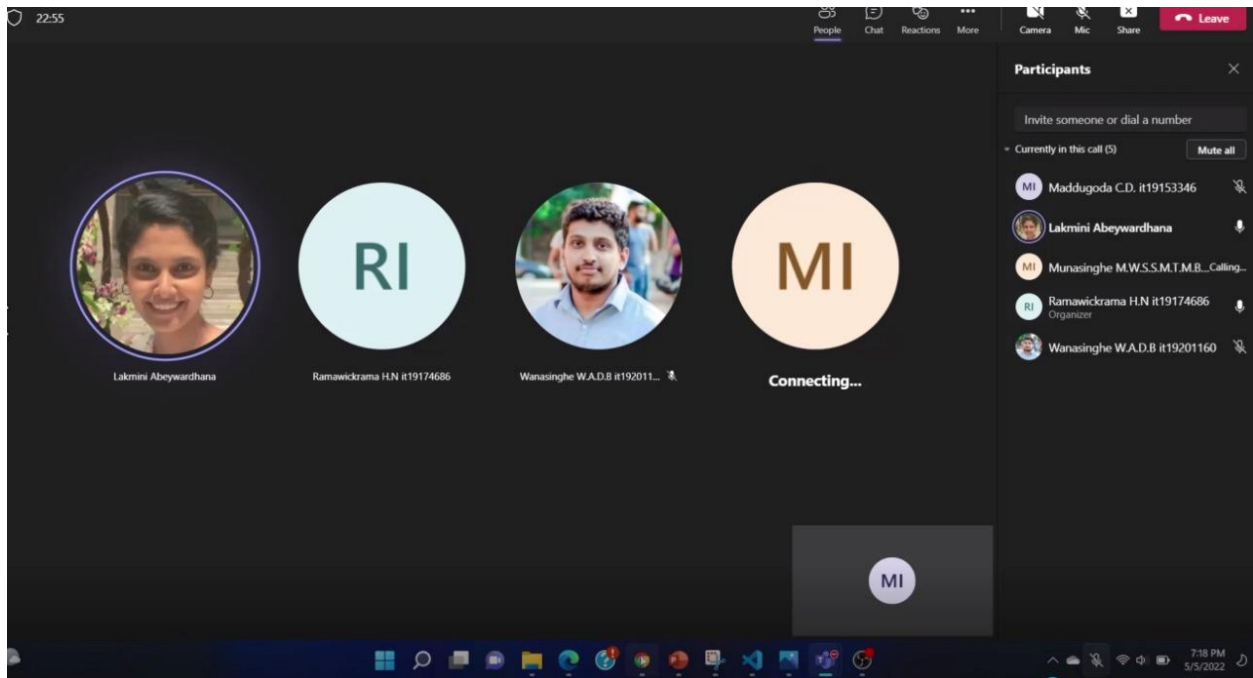


Figure 7 Teams call 3 with Supervisor

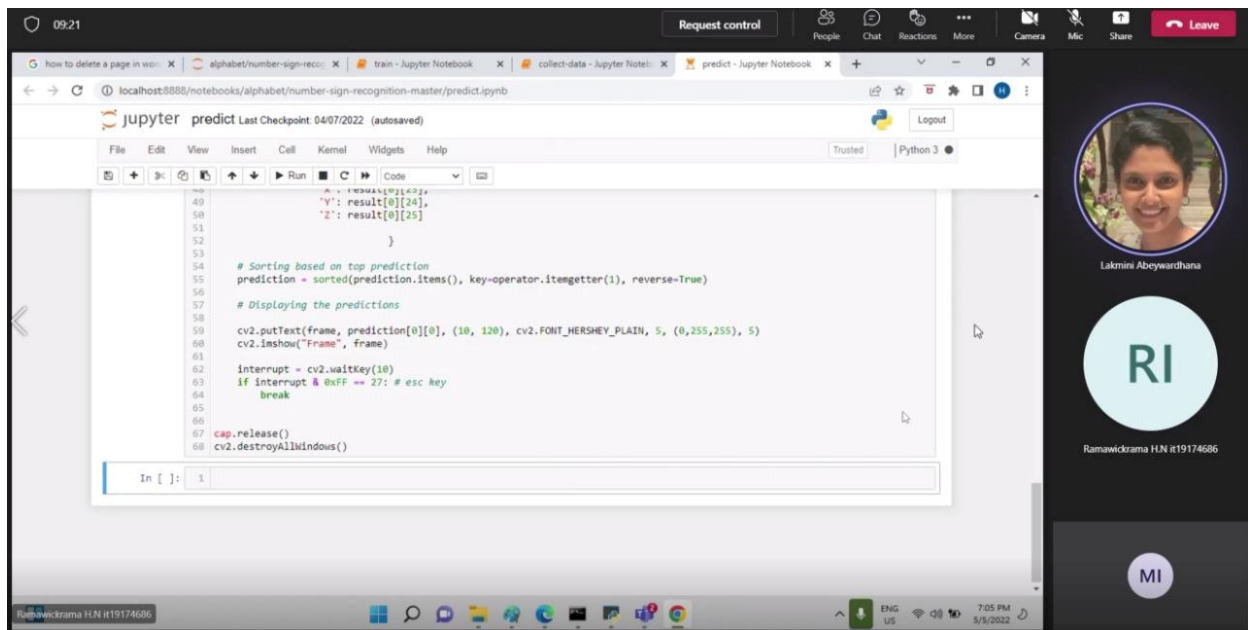
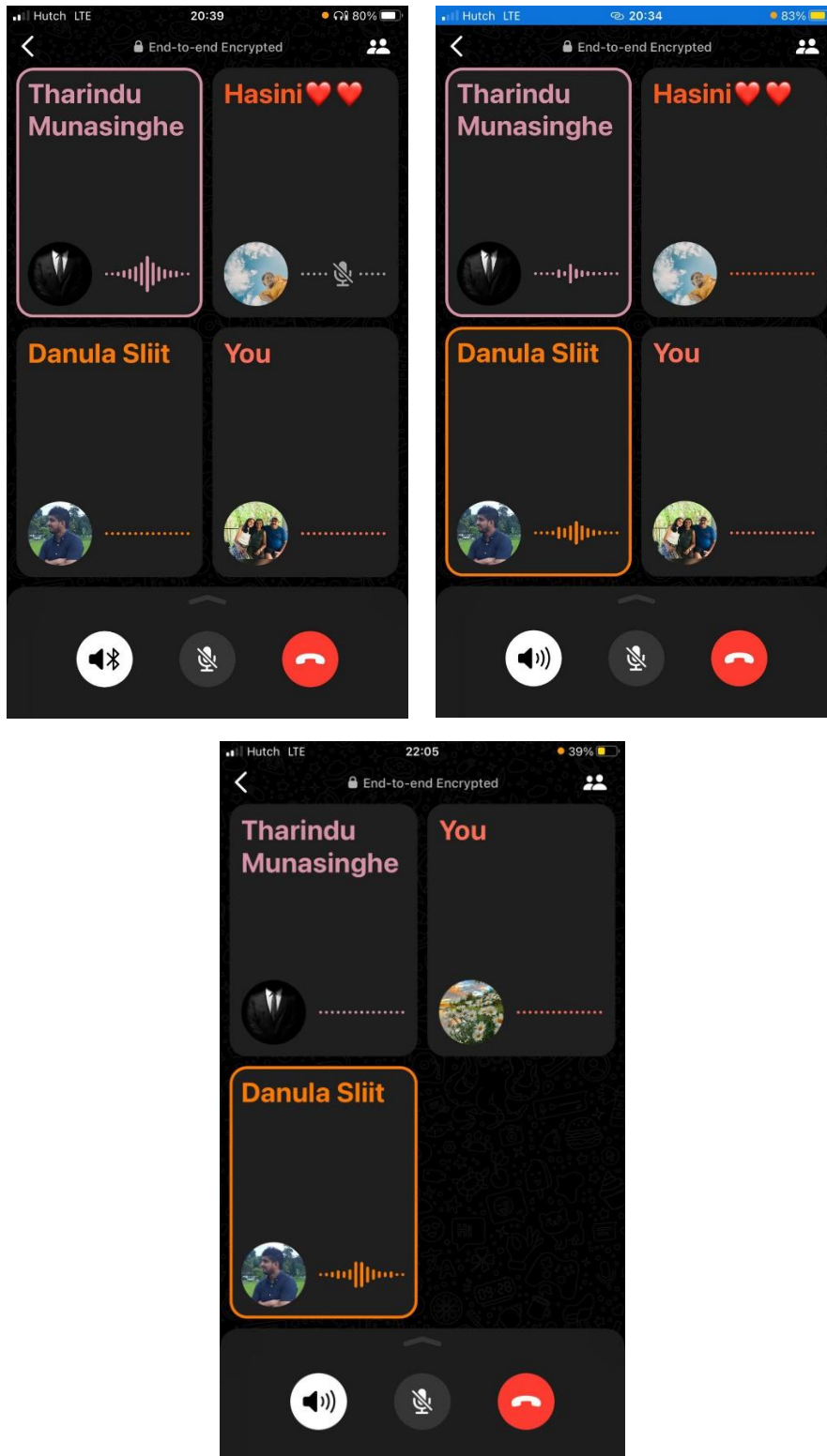


Figure 8 Teams call 4 with Supervisor

2. Whats App calls



3. Emails and planned Teams Events

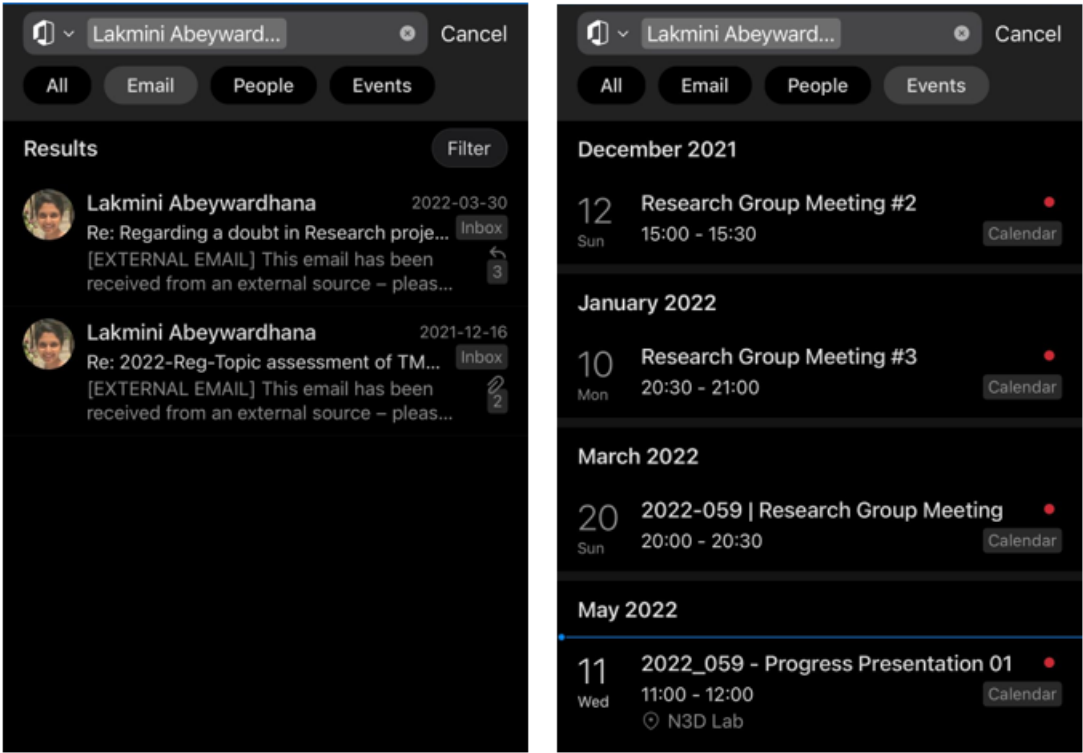


Figure 9 Email and Teams event

4. Microsoft Planner

4.1 Planner Board

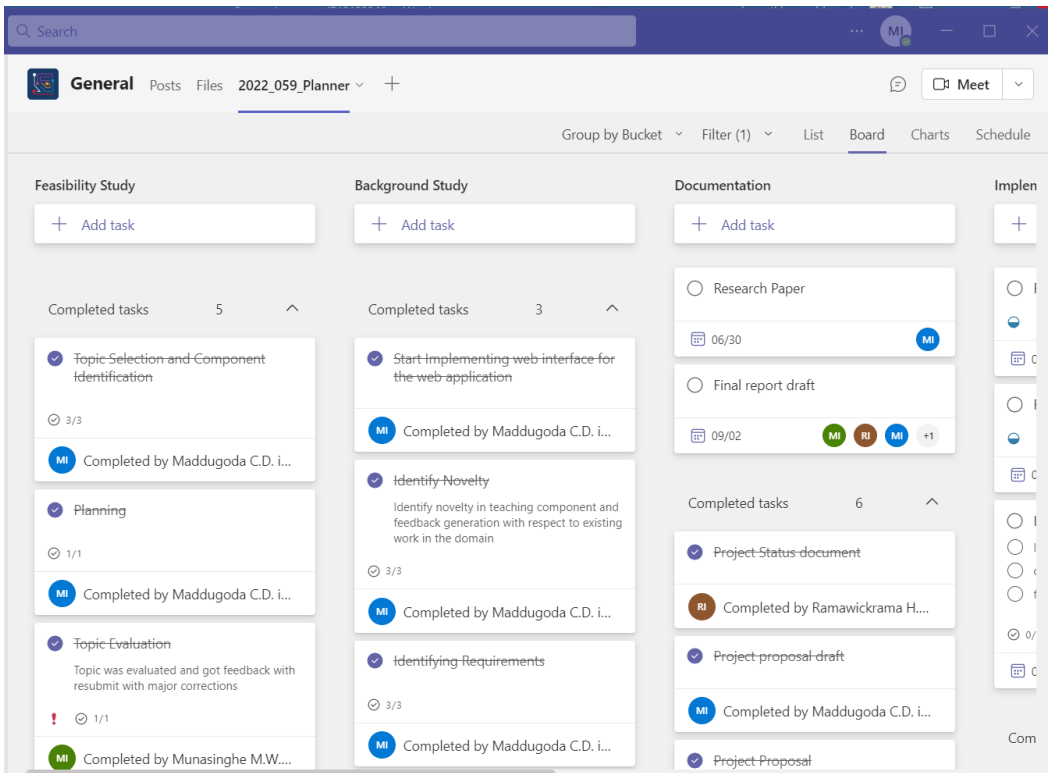


Figure 10 Planner board part1

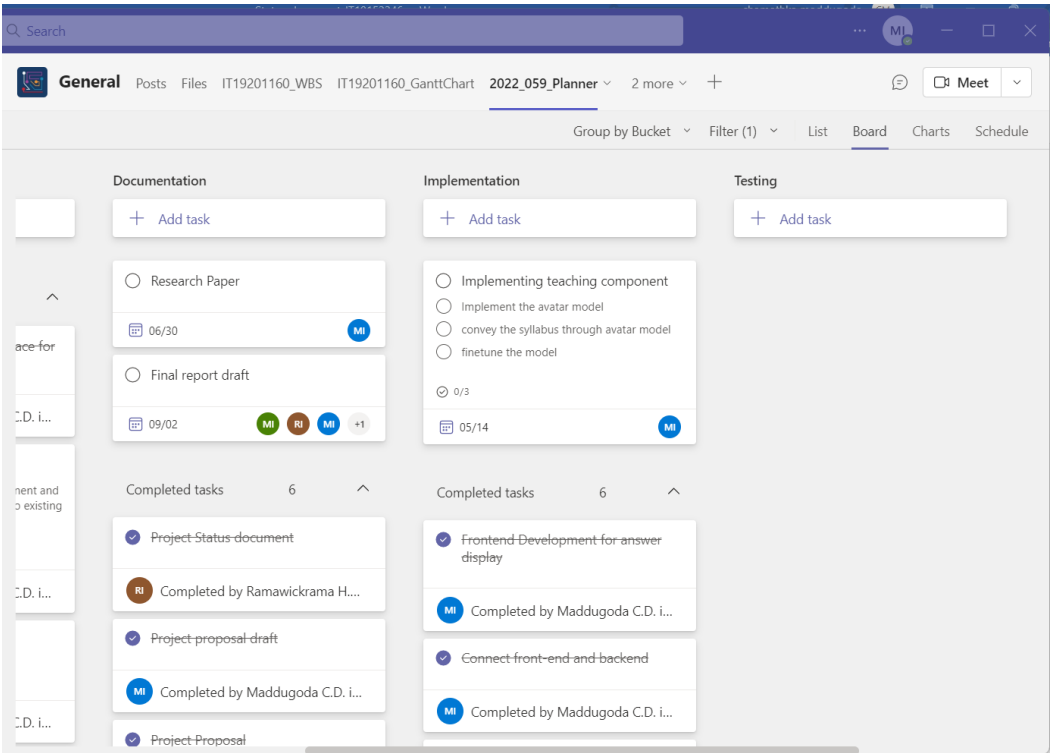


Figure 11 Planner Board part2

4.2 Completed Tasks

Search

...

MI

General

Posts

Files

IT19201160_WBS

2022_059_Planner

3 more

+

Meet

Progress

Assign

Priority

...

1 selected

Completed

Filter (1)

List

Board

Charts

Schedule

Task title

Completed by

Priority

Completed

Bucket

+ Add a task

✓

Complete Avatar build-level 1

MI

Maddugoda C.D. it1...

3/17

Implementation

✓

Connect front-end and backend

MI

Maddugoda C.D. it1...

4/22

Implementation

✓

Create a model to capture answer

2/2

MI

Maddugoda C.D. it1...

3/24

Implementation

✓

Data pre-Processing

MI

Maddugoda C.D. it1...

3/24

Implementation

✓

Final report creation

2/2

MI

Maddugoda C.D. it1...

3/9

Documentation

✓

Frontend Development for answer display

MI

Maddugoda C.D. it1...

5/4

Implementation

✓

Gather Data for SLSE

MI

Maddugoda C.D. it1...

3/23

Implementation

✓

Identify Novelty

3/3

MI

Maddugoda C.D. it1...

3/9

Background Study

✓

Identifying components

1/4

MI

Munasinghe M.W.S....

3/7

Feasibility Study

✓

Identifying Requirements

3/3

MI

Maddugoda C.D. it1...

3/9

Background Study

✓

Planning

1/1

MI

Maddugoda C.D. it1...

3/9

Feasibility Study

✓

Project charter

MI

Munasinghe M.W.S....

3/7

Documentation

✓

Project Proposal

MI

Maddugoda C.D. it1...

3/9

Documentation

✓

Project proposal draft

MI

Maddugoda C.D. it1...

3/9

Documentation

✓

Project Status document

RI

Ramawickrama H.N ...

5/5

Documentation

Figure 12 Completed Tasks part 1

✓	Start Implementing web interface for the web application		MI	Maddugoda C.D. it1...	4/22	Background Study
✓	Topic Evaluation	🕒 1/1 📄	MI	Munasinghe M.W.S...	❗ 3/7	Feasibility Study
✓	Topic Registration Form		MI	Munasinghe M.W.S...	❗ 3/7	Documentation
✓	Topic Selection		MI	Munasinghe M.W.S...	❗ 3/7	Feasibility Study
✓	Topic Selection and Component Identification	🕒 3/3	MI	Maddugoda C.D. it1...	3/9	Feasibility Study

Figure 13 Completed Tasks part 2

4.3 Teams planner Schedule

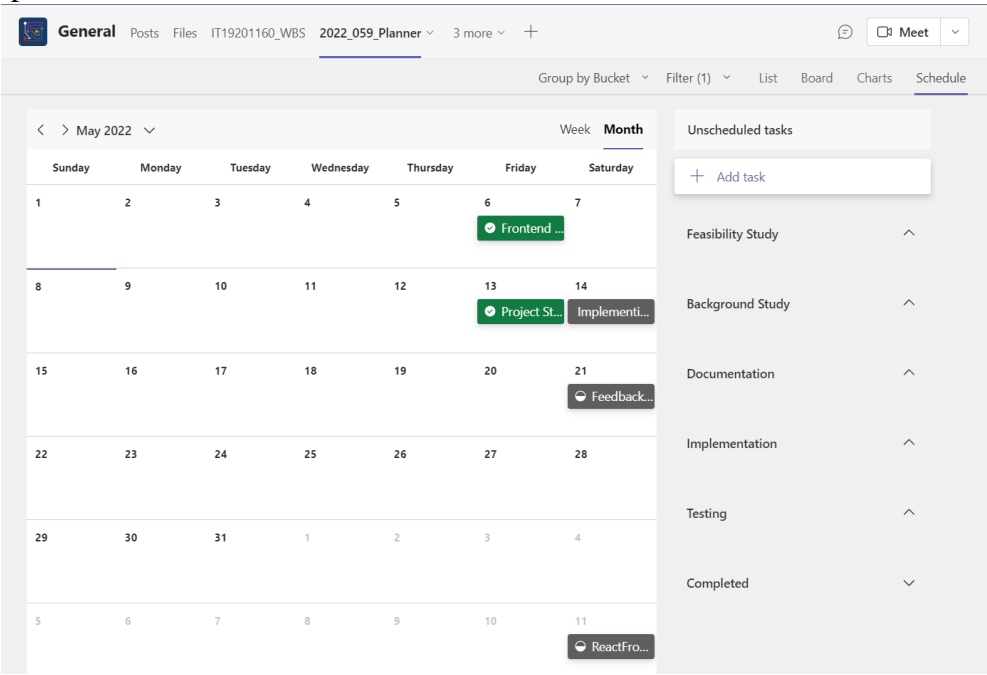


Figure 14 Teams Planner Schedule

4.4 Teams Planner Charts

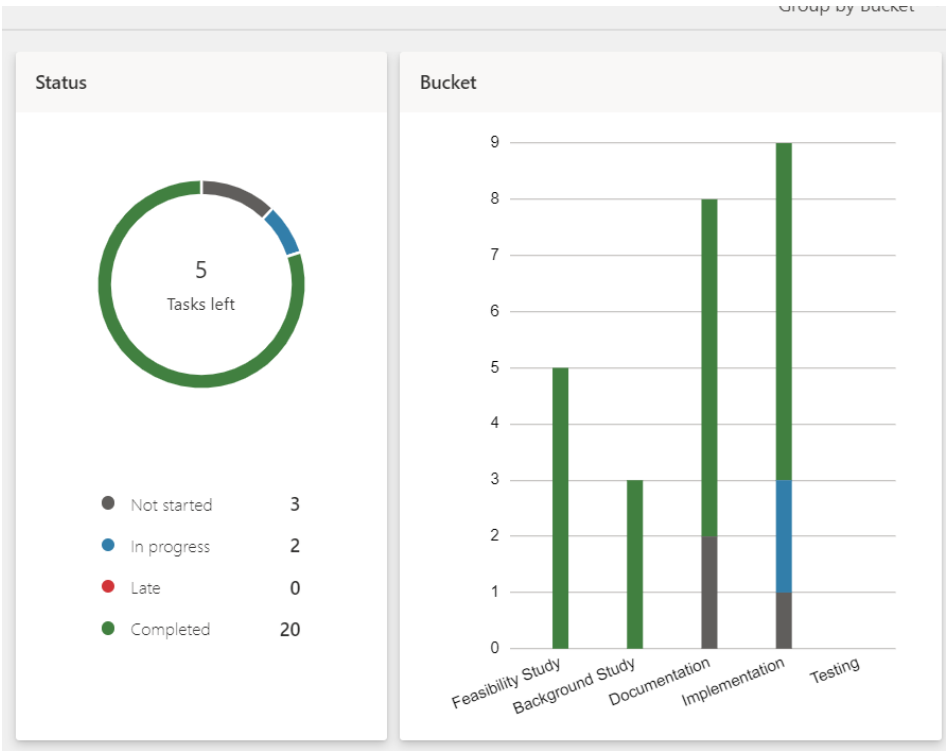


Figure 15 Teams Planner chart

5. Gantt Chart

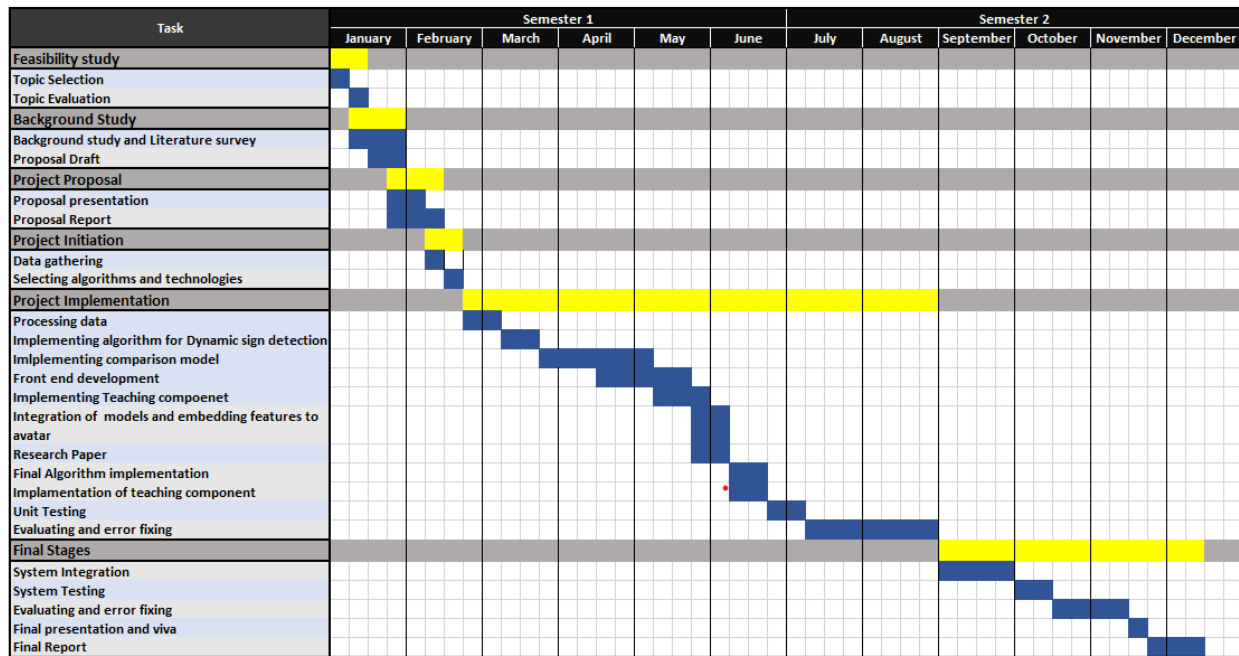


Figure 16 Gantt chart

6. Work Breakdown Structure

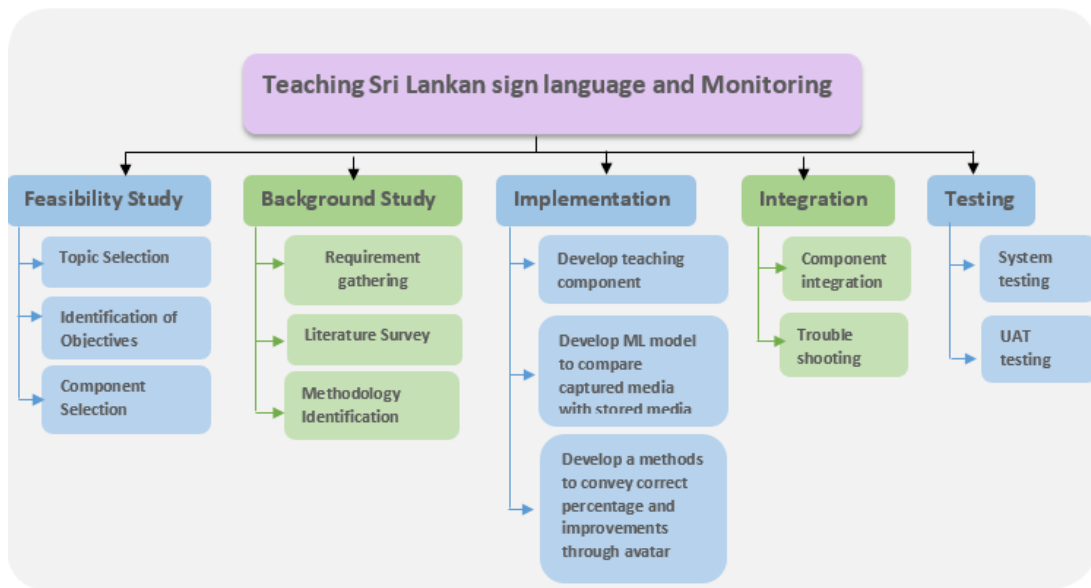


Figure 17 work breakdown structure

7. Gitlab Commits

The screenshot shows the GitLab web interface for project 2022-059. The sidebar on the left contains navigation links: Project overview, Details, Activity, Releases, Cycle Analytics, Repository, Issues (0), Merge Requests (0), CI / CD, Operations, Wiki, Snippets, and Members. The main content area displays the project name 2022-059 with Project ID: 1086. It shows 6 Commits, 5 Branches, 0 Tags, and 29.9 MB Files. The project description is 'Online Learning Platform for Hearing Impaired People'. The current branch is master. A recent merge commit is shown: 'Merge branch 'IT19153346_MaddugodaCD' into 'master'' by Wanasinghe W. A. D. B. authored 1 month ago, with commit hash 022ca15c. Below this, there is a table of files in the master branch.

Name	Last commit	Last update
OpenCVAnim.py	Upload New File for Animation	1 month ago
README.md	Update README.md	1 month ago
SLSL_Detection.ipynb	Upload SLSL Detection model	1 month ago

Below the table, there is a section for README.md, which currently displays the project name 2022-059.

Figure 18 Gitlab main branch

7.1 Commits to the branch

2022-059 > 2022-059 > Repository

You pushed to **IT19153346_MaddugodaCD** 1 hour ago

Create merge request

IT19153346_Mad...

2022-059 / +

HistoryFind fileWeb IDE

Algorithm finetuning

Maddugoda C.D authored 1 hour ago

f4c949a5

Name	Last commit	Last update
Animal_static_sign	commit trained static sign 2	2 weeks ago
Logs/train	commt changes to SLSLDetection	1 month ago
__pycache__	Fetch video cam to react front end	1 week ago
frontend/sign-language-learning	Algorithm finetuning	1 hour ago
model	Algorithm finetuning	1 hour ago
AnimalSignCk.py	Algorithm finetuning	1 hour ago
AnimalSignModel.h5	front-end connection setup	2 weeks ago
AnimalSignSentence.pkl	Algorithm finetuning	1 hour ago
AnimalSign_LSTM.py	Python files for Animal Signs	2 weeks ago

Figure 19 Gitlab IT19153346_MaddugodaCD branch commit part 1

2022-059 > 2022-059 > Repository

You pushed to **IT19153346_MaddugodaCD** 1 hour ago

Create merge request

IT19153346_Mad...

2022-059 / +

HistoryFind fileWeb IDE

Algorithm finetuning

Maddugoda C.D authored 1 hour ago

f4c949a5

Animal_Sign-static.py	Upload AnimalSignstatic file	2 weeks ago
OpenCVAnim.py	Upload New File for Animation	1 month ago
PoseModel1.h5	Algorithm finetuning	1 hour ago
README.md	Update README.md	1 month ago
SLSL_Detection.ipynb	commt changes to SLSLDetection	1 month ago
camera.py	Answer list display frontend implemenetation	1 week ago
main.py	Answer list display frontend implemenetation	1 week ago

Figure 20 Gitlab IT19153346_MaddugodaCD branch commit part 2

7.2 GitLab Graph

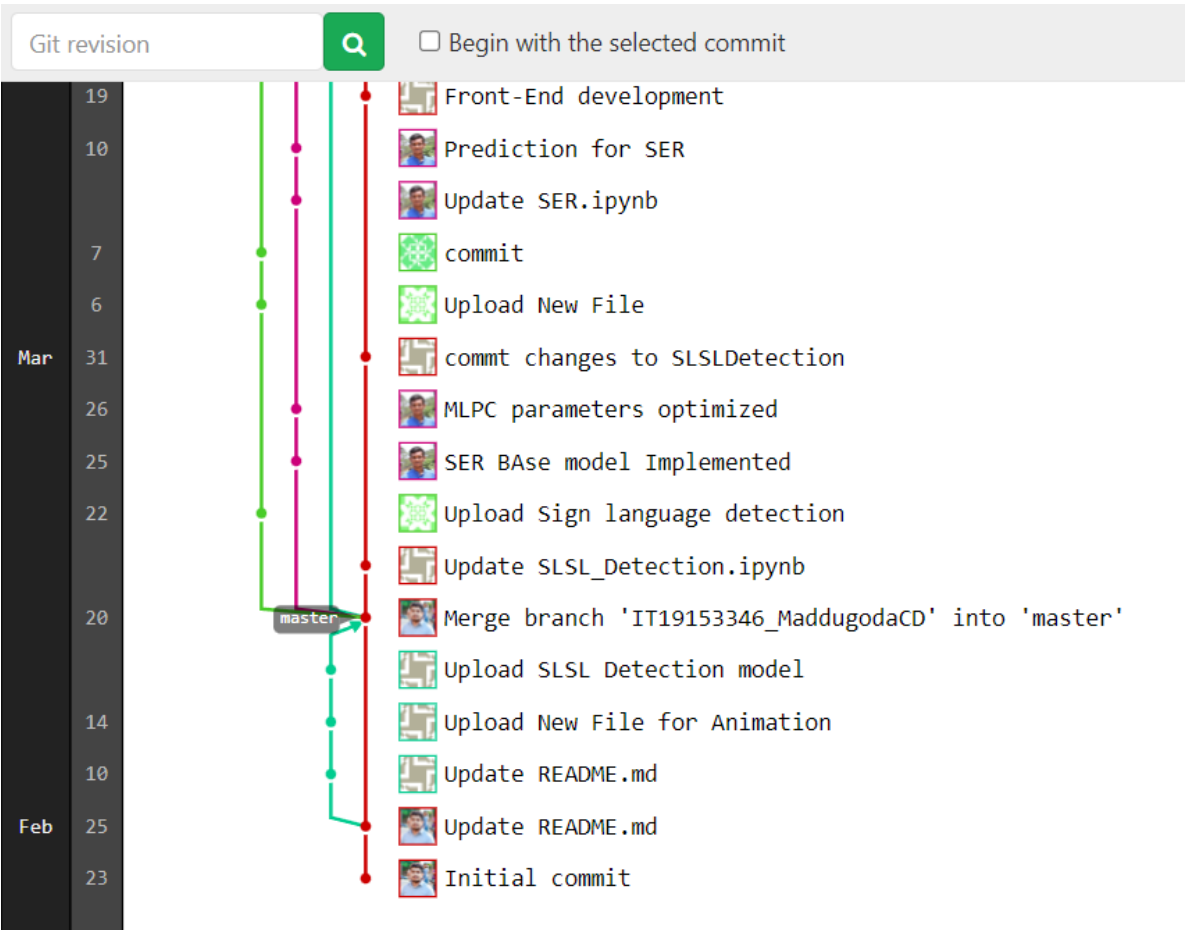


Figure 21 Gitlab Graph 1

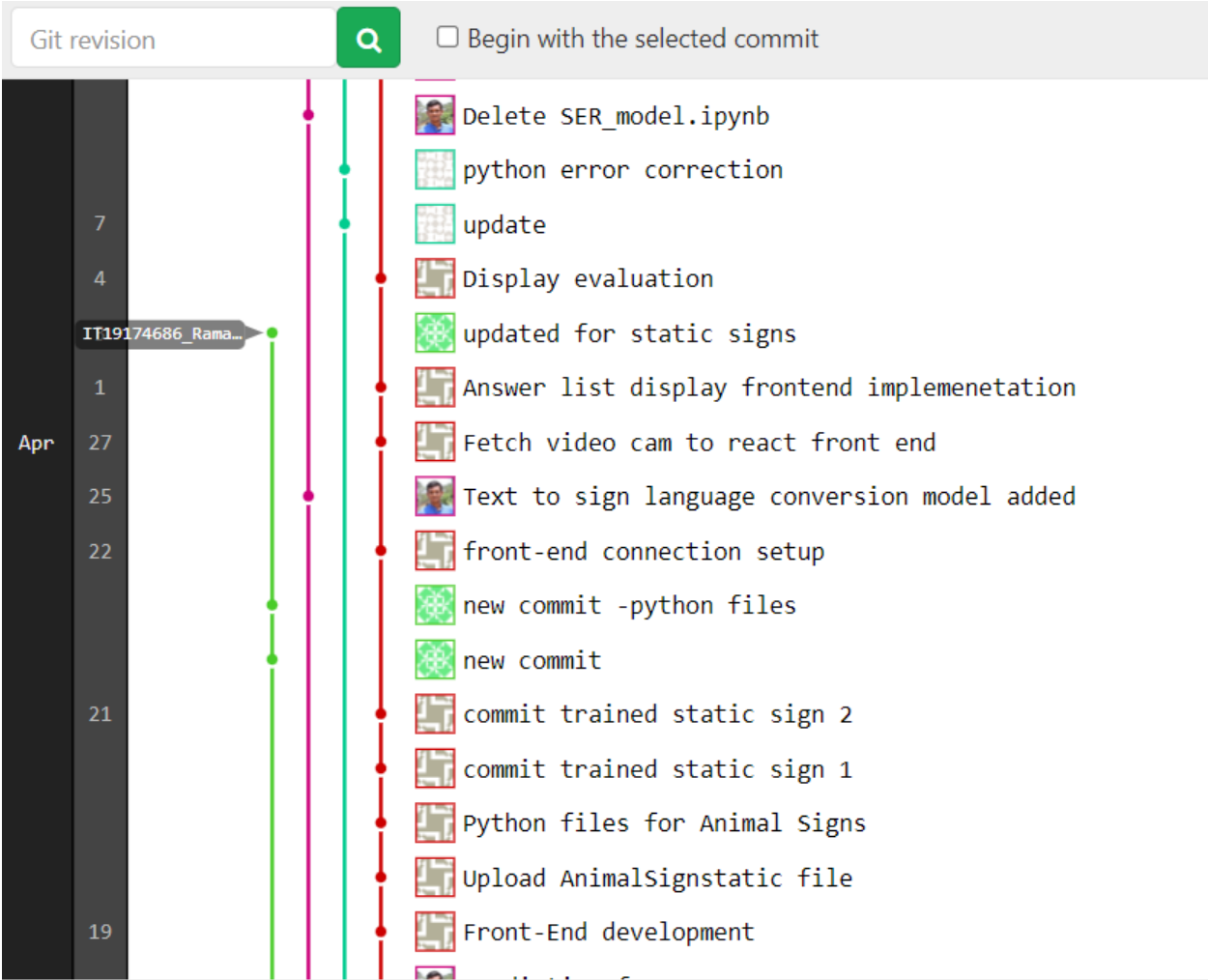


Figure 22 Gitlab Graph 2

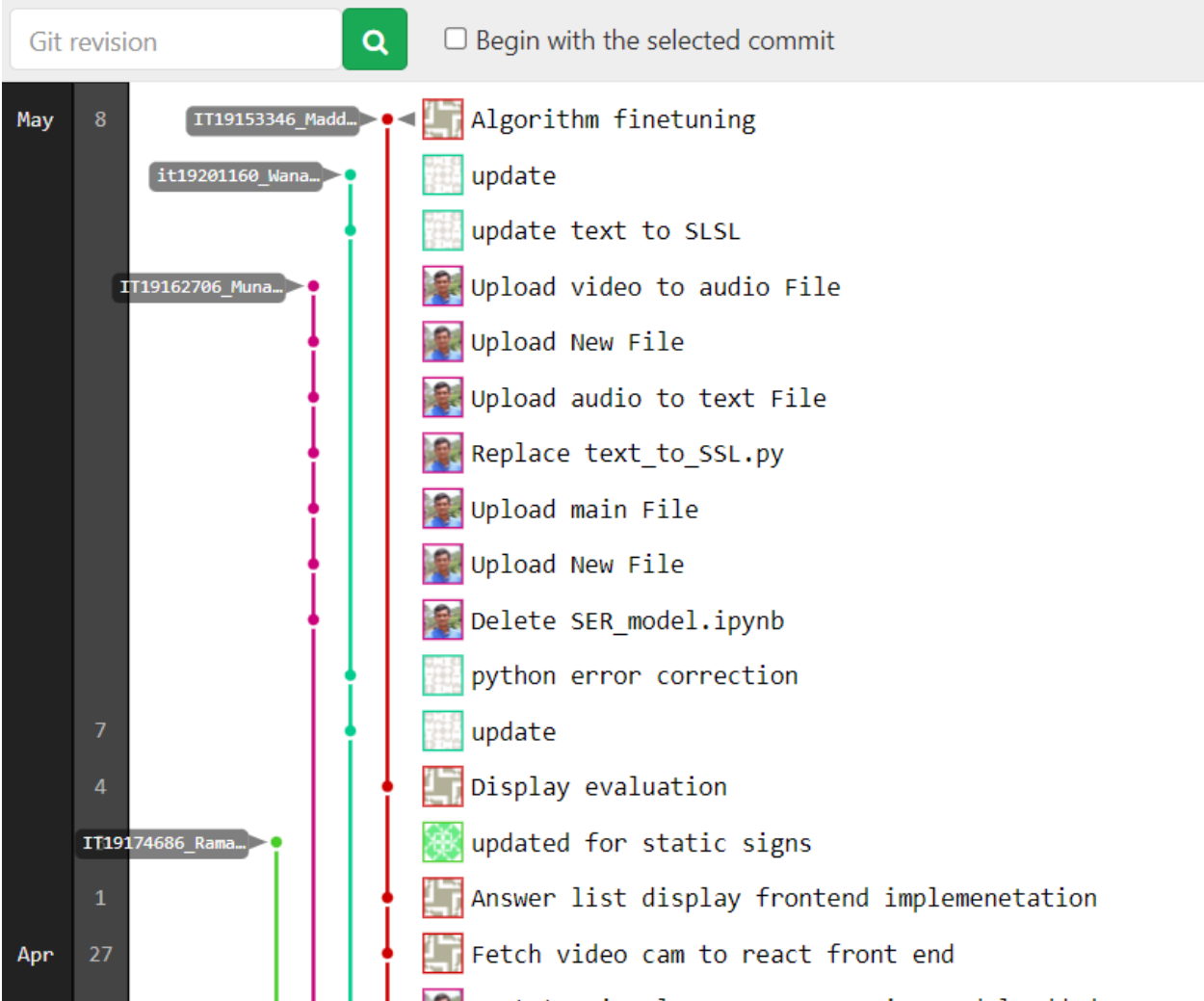


Figure 23 Gitlab Graph 3

7.3 Gitlab Contributors

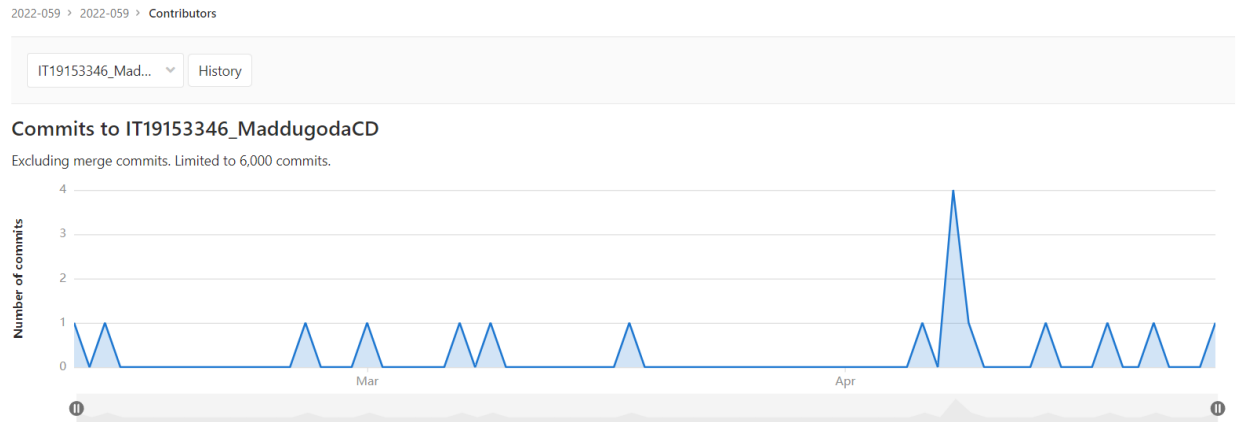


Figure 24 Contributor commit representation

7.4 Gitlab Charts

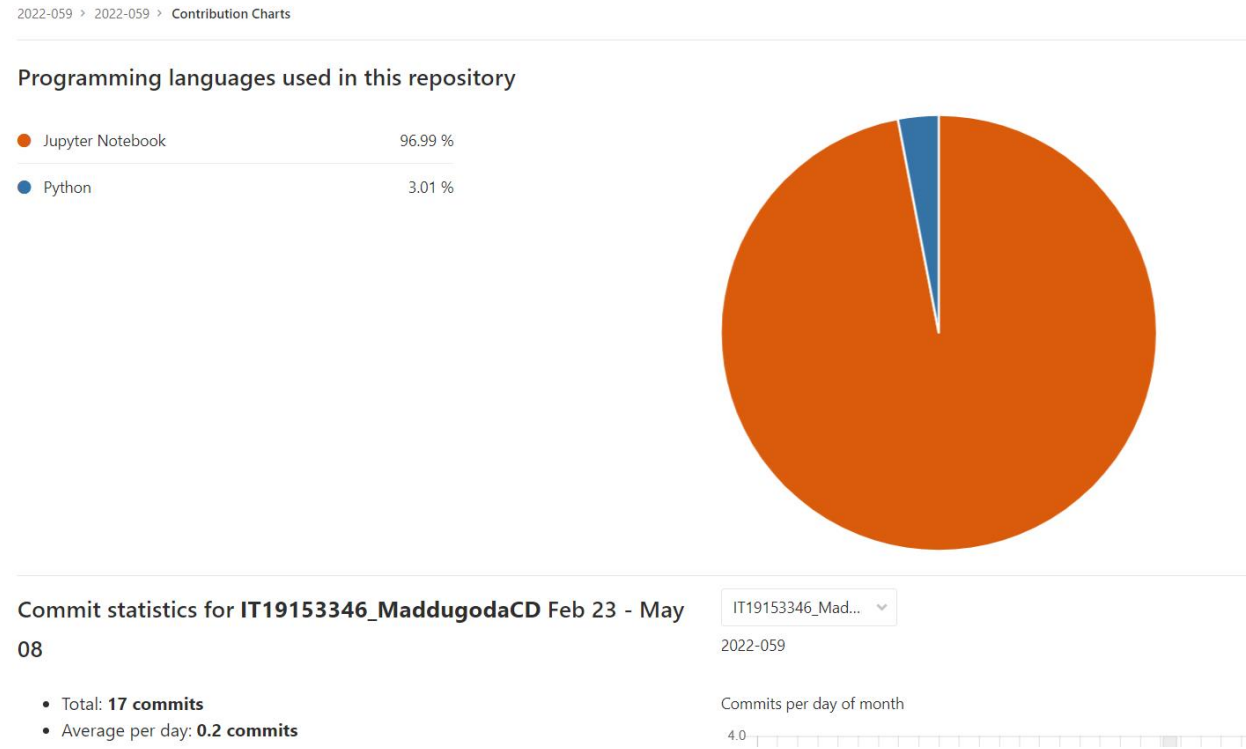


Figure 25 Gitlab Chart