

SRI LANKA INSTITUTE OF INFORMATION  
TECHNOLOGY



IT4010 – RESEARCH PROJECT

**Project Status Document 1**

**Presently – A Mobile responsive Web Application to self-evaluate  
the Presentation skills**

21\_22-J 02

**Supervisor – Dr. Shyam Reyal**  
**Co-Supervisor – Ms. Samanthi Siriwardhana**

IT17535090 – Wedage C.V


18<sup>th</sup> January 2022

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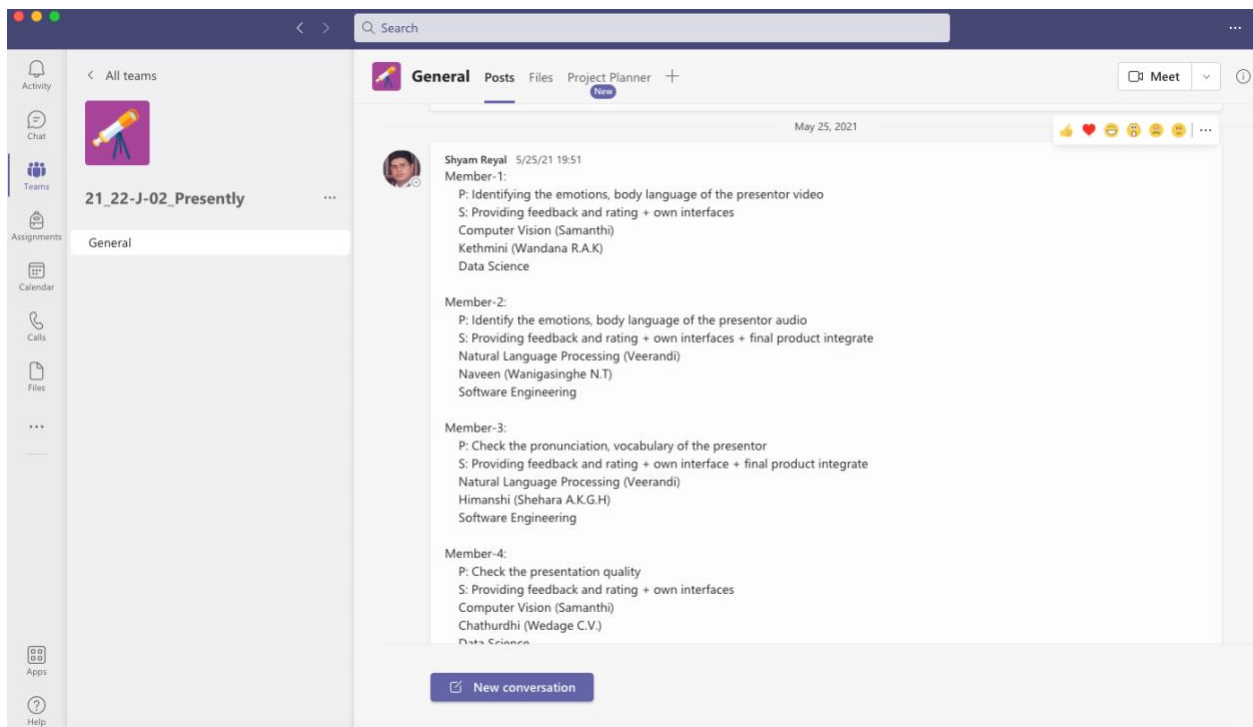
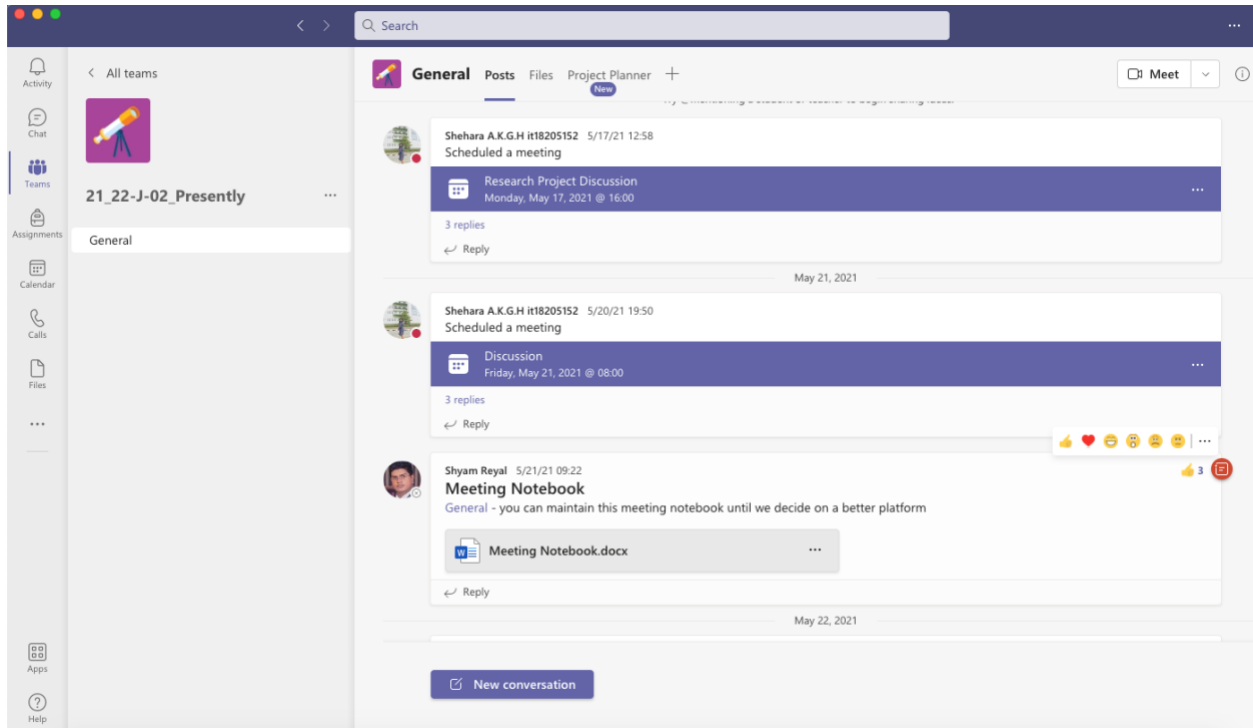
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## Declaration

I declare that this is work of mine, and this proposal does not incorporate without acknowledgment any material previously submitted for a degree or diploma in any other university or institute of higher learning and to the best of our knowledge and belief it does not contain any material previously published or written by another person except where the acknowledgment is made in the text.

Name	Student ID	Signature
Wedage C.V	IT17535090	

## Screenshots of MS Teams Calls and Chats – Main Group



Search

Activity Chat Teams Assignments Calendar Calls Files Apps Help

< All teams

21\_22-J-02\_Presently

General

**General** Posts Files Project Planner +

Meet

Samanthi Siriwardana Miss, two of our team members have few questions of computer vision. Can please give us a available time to have a meeting?

Reply

July 27, 2021

Shehara A.K.G.H it18205152 5/21/21 10:02  
Scheduled a meeting

Weekly meeting  
Occurs every other Tue @ 19:00 until 6/21/21

Collapse all

See previous replies

Meeting ended: 55m 24s

Meeting started

Meeting  
Recorded by: Shehara A.K.G.H it18205152

Meeting ended: 1h 1m

Shyam Reyal 6/17/21 11:59 Edited  
Shehara A.K.G.H it18205152 can you make me organiser of the meeting series?

Shehara A.K.G.H it18205152 6/17/21 18:41  
Let me check it sir, I'll make the changes

Shyam Reyal 6/17/21 18:42

New conversation

Search

Activity Chat Teams Assignments Calendar Calls Files Apps Help

< All teams

21\_22-J-02\_Presently

General

**General** Posts Files Project Planner +

Meet

Shehara A.K.G.H it18205152 6/21/21 11:26  
Yeah sure sir. We are okay with it

Shyam Reyal 6/21/21 15:30  
Thanks!

General started

Meeting  
Recorded by: Wandana R.A.K it18205152

Meeting ended: 28m 6s

Samanthi Siriwardana 6/23/21 19:34

2021-074\_IT18062502.docx

Meeting ended: 47m 32s

Meeting started

Meeting  
Recorded by: Wandana R.A.K it18205152

Meeting ended: 16s

Meeting ended: 25m 21s

Meeting ended: 2m 1s

Meeting ended: 6m 39s

New conversation

Activity

Chat

Teams

Assignments

Calendar

Calls

Files

...

Apps

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< >

Search

< All teams

21\_22-J-02\_Presently

General

General

Posts

Files

Project Planner

+

Meet

...

3 replies from Shyam

Reply

Shyam Reyal 8/12/21 19:40

CDAP Rubric for Research Papers

General just putting here for reference - 10 marks for submitting to a journal, conference with h-index>5, or our ICAC 2021

Research Project (PhD) Research Paper Assessments Rubric (Total credit/Deadline = 10%)

Type of Conference / Journal	Points	Notes	Deadline
Full-time research international conference	1	Full paper	10

See more

Reply

August 17, 2021

Meeting in "General" ended: 21s

Reply

August 18, 2021

Shehara A.K.G.H it18205152 8/18/21 17:54

Shyam Reyal Sir, proposal submission deadline is in 6th september

1

Shyam Reyal 8/18/21 18:33 Edited

Thanks Himanshi

1

Reply

Shyam Reyal 8/17/21 20:19

1

New conversation

Activity

Chat

Teams

Assignments

Calendar

Calls

Files

...

Apps

Help

< >

Search

< All teams

21\_22-J-02\_Presently

General

General

Posts

Files

Project Planner

+

Meet

...

Reply

Shyam Reyal 8/20/21 10:34

Scheduled a meeting

Presently - Special Meeting

Tuesday, August 24, 2021 @ 19:00

...

Collapse all

Meeting started

Recording has started

Recording has stopped. Saving recording...

Meeting

Recorded by: Shehara A.K.G.H it...

1h 20m

Meeting ended: 1h 33m

Reply

August 25, 2021

Shyam Reyal 8/25/21 01:35

3

New conversation

6

**General** Posts Files Project Planner +

Activity Chat Teams Assignments Calendar Calls Files

## 21\_22-J-02\_Presently

### General

**Rescheduled Meeting - Presently**  
Thursday, December 9, 2021 @ 19:00

- Meeting started
- Recording has started
- Meeting ended: 33m 45s
- Recording has stopped. Saving recording...

Meeting  
Recorded by: Shehara A.K.G.H it...

December 20, 2021

**Applying for Jobs in the Industry? - Learn How to Prepare - Register ASAP**

This is specially designed for students who completed, but everyone interested in planning your career and facing the industry is welcome to join.

For those who have completed your degree requirements, it is time to plan your careers, prepare your CVs, practice for interviews, etc. We have arranged a seminar specifically to help you guys face the industry. For those who haven't, you can understand what the industry is all about.

See more

3 replies from you and Shyam

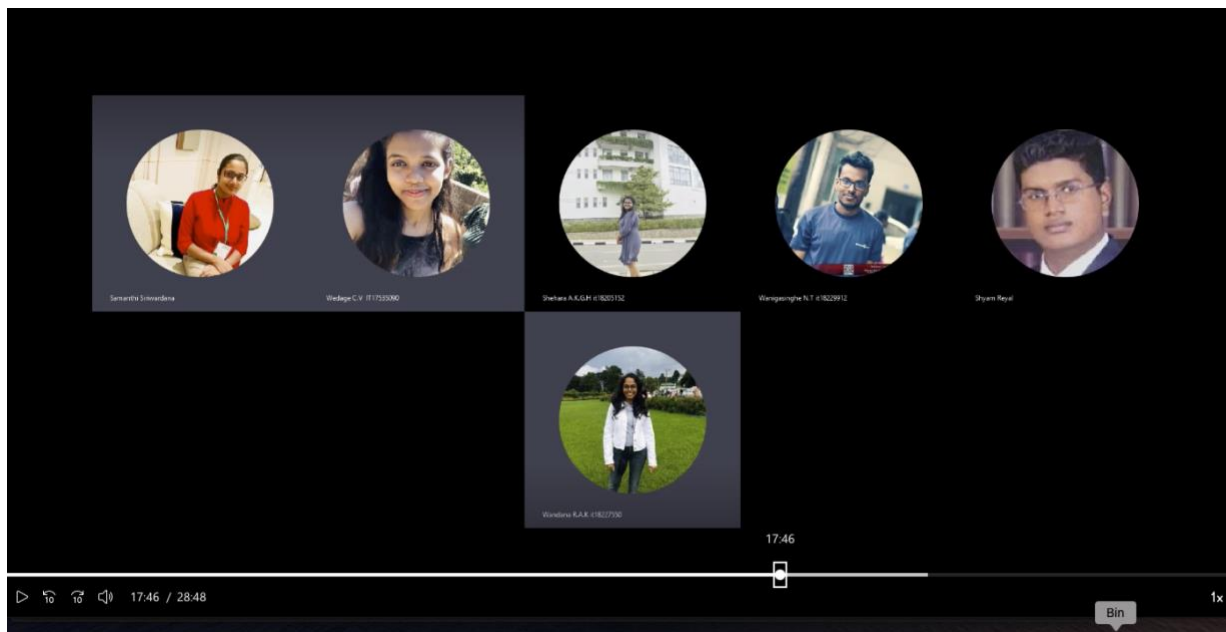
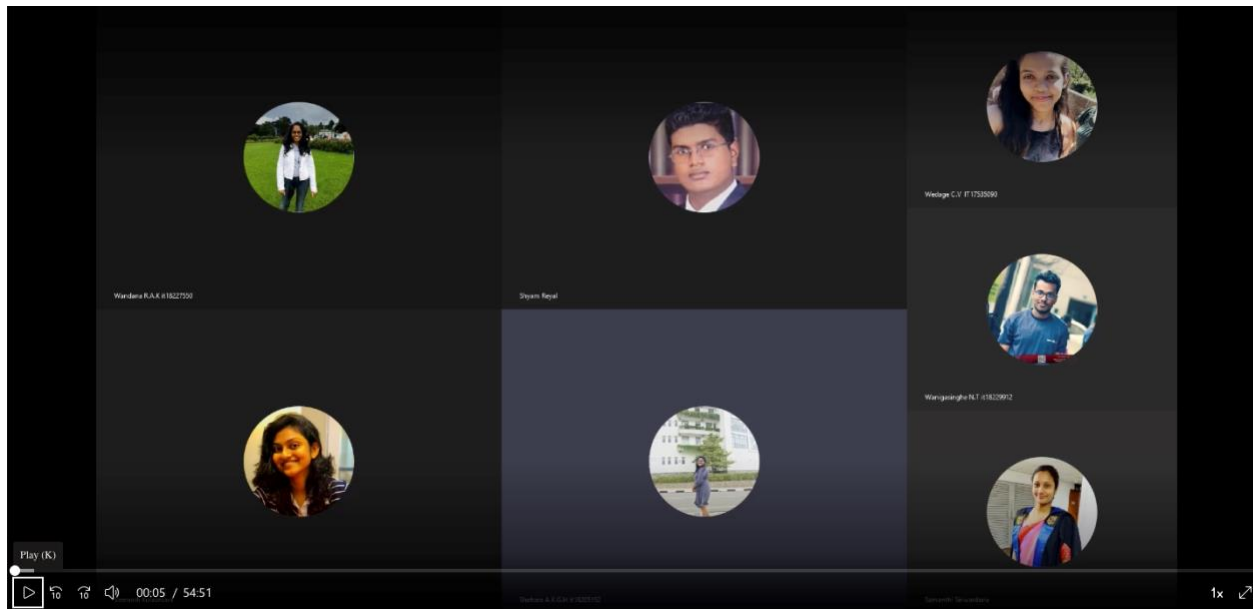
New conversation

Microsoft Teams interface showing a chat conversation in the "General" channel of the "21\_22-J-02\_Presently" team. The chat history includes a message from Shyam Reyal dated 7/27/21 23:20 stating "Scheduled a meeting". Below this, a "Collapse all" button is visible, followed by a "See previous replies" section. The chat history continues with a sequence of messages: "Recording has stopped. Saving recording...", "Meeting ended: 34m 3s", "Meeting started", "Recording has started", and another "Recording has stopped. Saving recording..." message. A meeting recording thumbnail is shown, labeled "Meeting Recorded by: Shyam Reyal" with a duration of 26m 40s. The chat history then shows a message from Shyam Reyal dated 11/16/21 19:44 stating "Wandana R.A.K it18227550 are you there". This is followed by another "Meeting ended: 34m" message, another "Recording has stopped. Saving recording..." message, another meeting recording thumbnail labeled "Meeting Recorded by: Shehara A.K.G.H it..." with a duration of 24m 56s, and finally "Meeting started" and "Recording has started" messages. A "New conversation" button is visible at the bottom of the chat area.

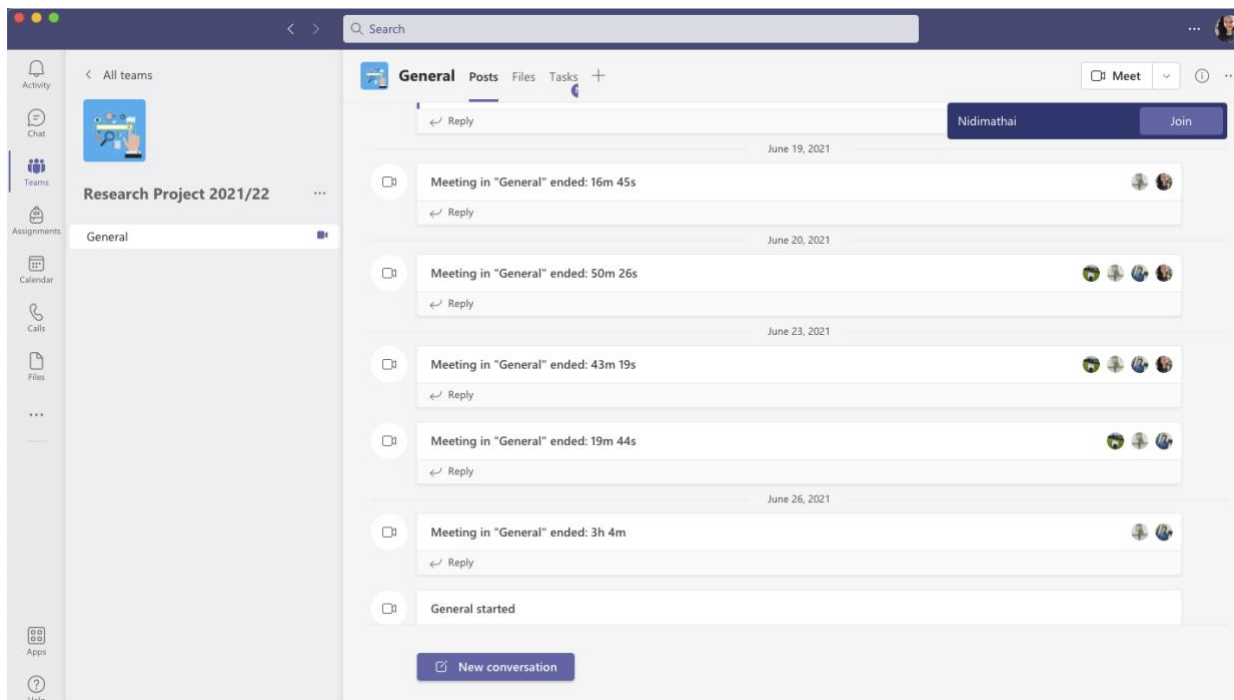
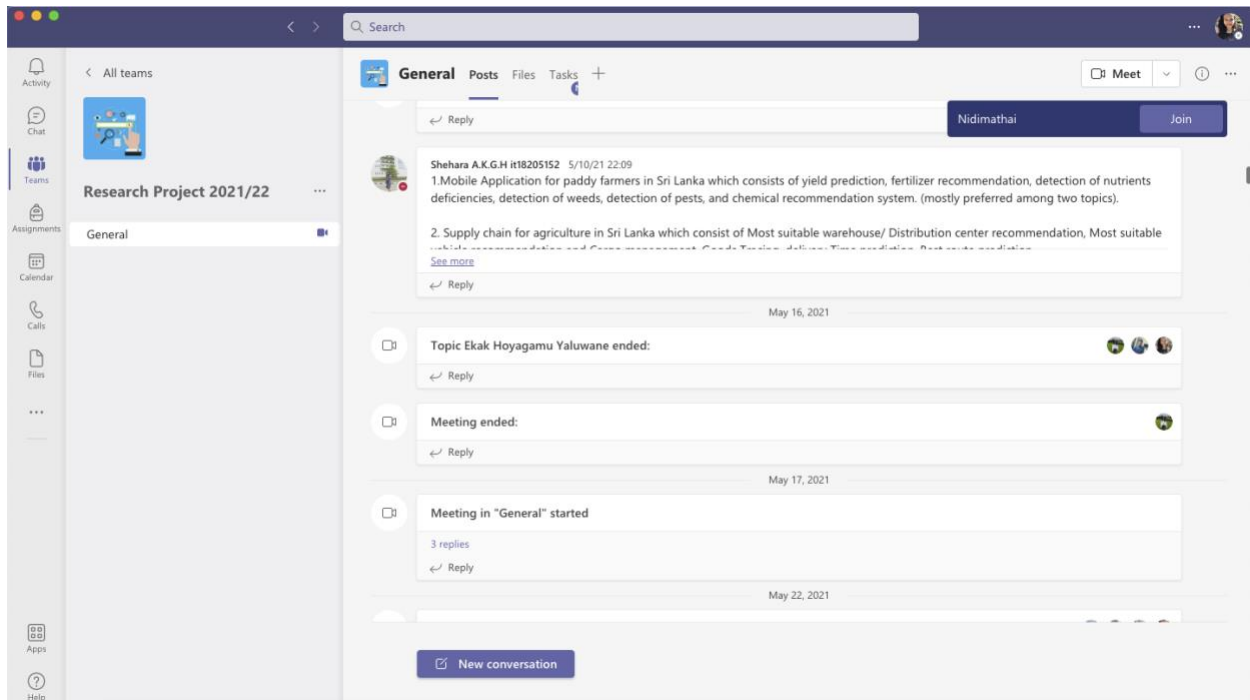
Microsoft Teams interface showing a chat conversation in the "General" channel of the "21\_22-J-02\_Presently" team. The chat history continues from the previous screenshot with "Recording has stopped. Saving recording..." and a meeting recording thumbnail labeled "Meeting Recorded by: Shehara A.K.G.H it..." with a duration of 24m 56s. This is followed by "Meeting started", "Recording has started", and "Meeting ended: 52m 4s". Then, another "Recording has stopped. Saving recording..." message, a meeting recording thumbnail labeled "Meeting Recorded by: Shehara A.K.G.H it..." with a duration of 44m 45s, and "Meeting started", "Recording has started", and "Meeting ended: 46m 53s". This is followed by another "Recording has stopped. Saving recording..." message, a meeting recording thumbnail labeled "Meeting Recorded by: Shehara A.K.G.H it..." with a duration of 35m 27s, and finally a message from Shyam Reyal dated 1/4 20:55 stating "The meeting 'Presently - Bi-weekly meeting series' is cancelled". A "New conversation" button is visible at the bottom of the chat area.



## Screenshots of Calls – Main Group



## Screenshots of MS Teams Members Chats – Member Group



Search

Activity Chat Teams Assignments Calendar Calls Files Apps Help

Research Project 2021/22

General

Shehara A.K.G.H it18205152 6/30/21 19:26  
Scheduled a meeting

Bi-Weekly Meeting  
Occurs every other Tue @20:00

New channel meeting ended: 20m 31s

Meeting in "General" ended: 1m 2s

Meeting in "General" ended: 10m

New channel meeting ended: 2m 25s

Wandana R.A.K it18227550 7/13/21 22:22  
Data collection for final year project  
We are final year undergraduate of Department of Computer Science and Engineering, University of Moratuwa. We are collection NIC

New conversation

Search

Activity Chat Teams Assignments Calendar Calls Files Apps Help

Research Project 2021/22

General

Shehara A.K.G.H it18205152 8/14/21 19:41  
Sub Objective 2: To suggest user, the match or mismatch between topic tone and emotions used to present the story using audio analysis.

Meeting in "General" started  
24 replies from Wanigasinghe N.T it18229912

Meeting in "General" ended: 1m 20s

New channel meeting ended: 1m 24s  
18 replies

Wandana R.A.K it18227550 8/15/21 22:07

New conversation

Activity

Chat

Teams

Assignments

Calendar

Calls

Files

...

Apps

Help

< >

Search

...

General

Posts

Files

Tasks

+

Meet

...

← Reply

Nidimathai

Join

August 22, 2021

Meeting in "General" ended: 3h 14m

Attendance report

Click here to download attendance report

← Reply

August 24, 2021

Meeting in "General" ended: 23m 11s

← Reply

September 5, 2021

Meeting in "General" ended: 1h 24m

← Reply

September 6, 2021

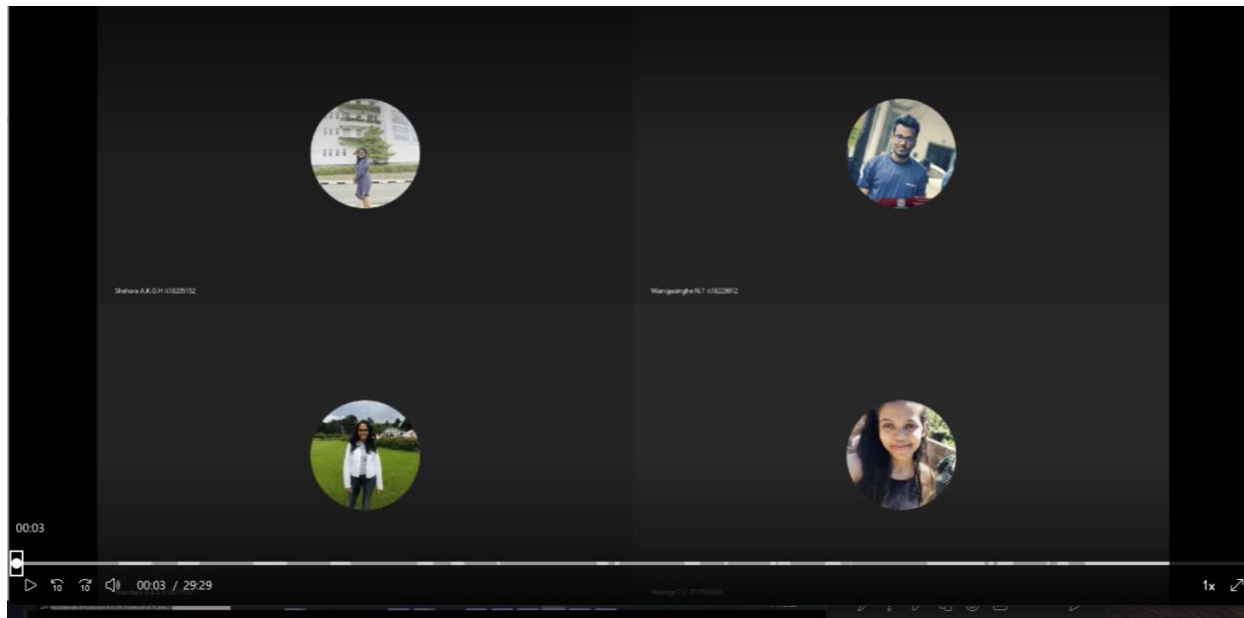
Meeting in "General" started

4 replies

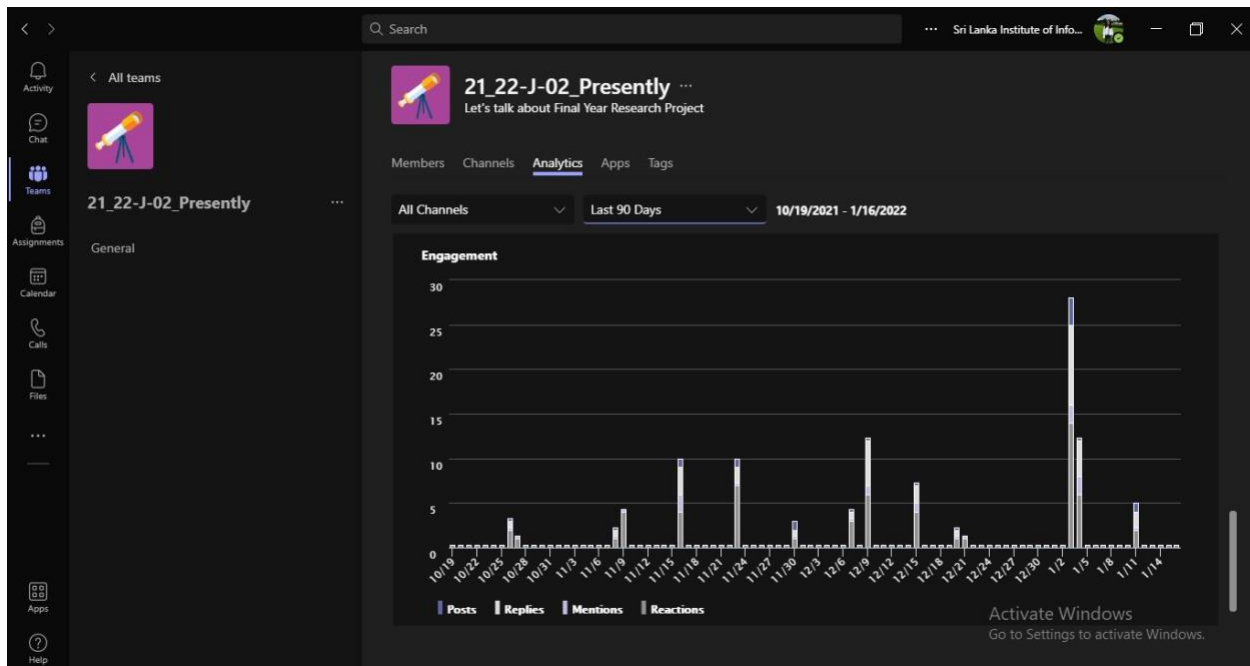
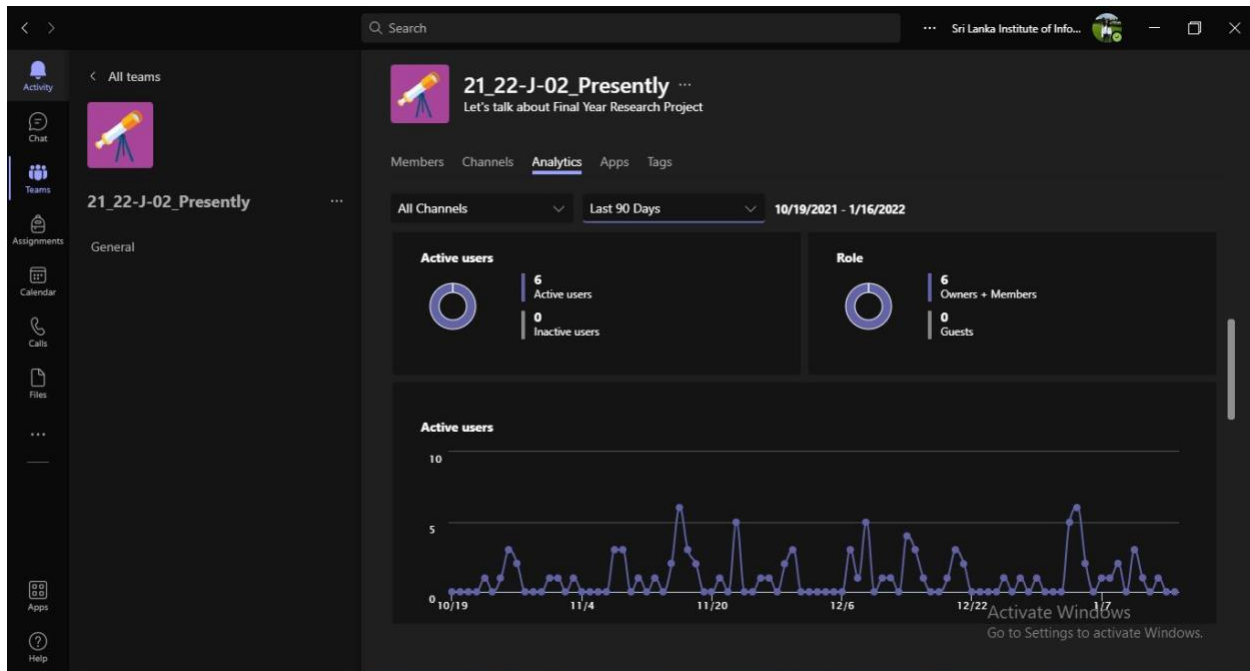
← Reply

New conversation

## Screenshots of Calls – Member Group



## Screenshots of MS Teams Analytics



Activity

Chat

Teams

Assignments

Calendar

Calls

Files

...

Apps

Help

< All teams

21\_22-J-02\_Presently

General

21\_22-J-02\_Presently

Let's talk about Final Year Research Project

Members

Channels

Analytics




Apps

Tags




Search for members

Add member

▼ Owners (3)

Name	Title	Location	Tags	Role
 Shehara A.K.G.H it1820...				Owner
 Shyam Reyal				Owner
 Samanthi Siriwardana				Owner

▼ Members and guests (3)

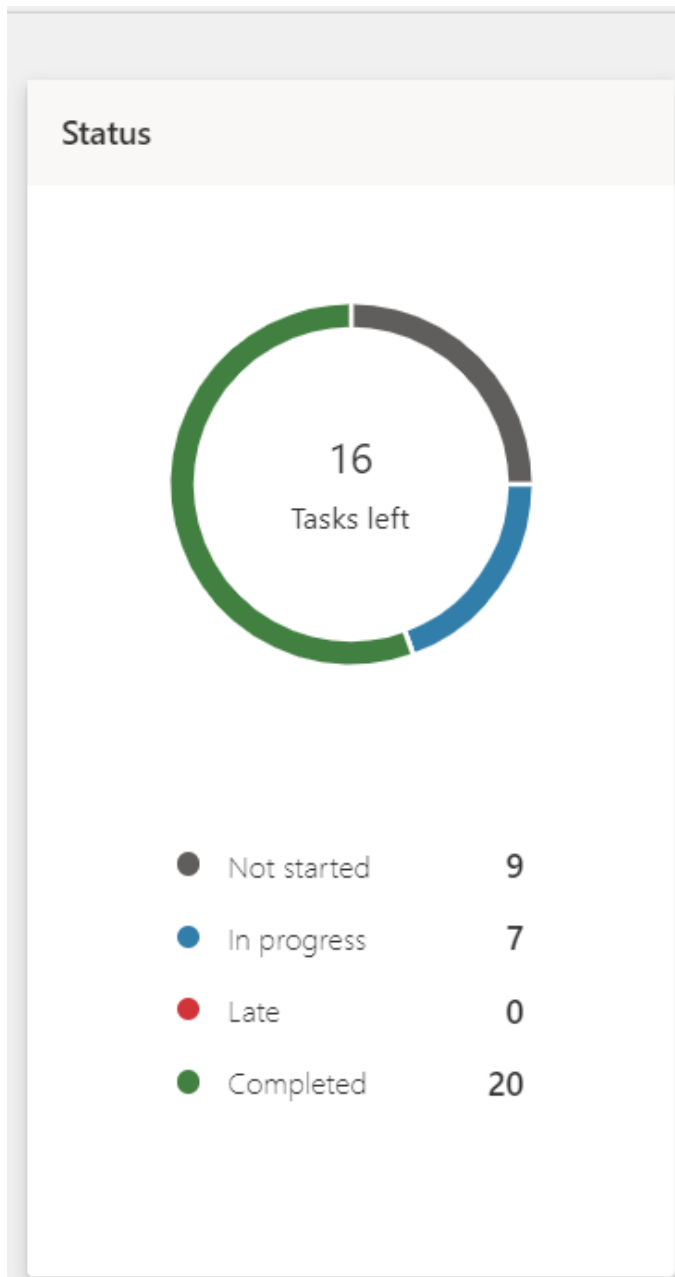
Name	Title	Location	Tags	Role
 Wedage C.V IT17535090				Member
 Wanigasinghe N.T it18...				Member
 Wandana R.A.K it1822...				Member

Activate Windows

Go to Settings to activate Windows.

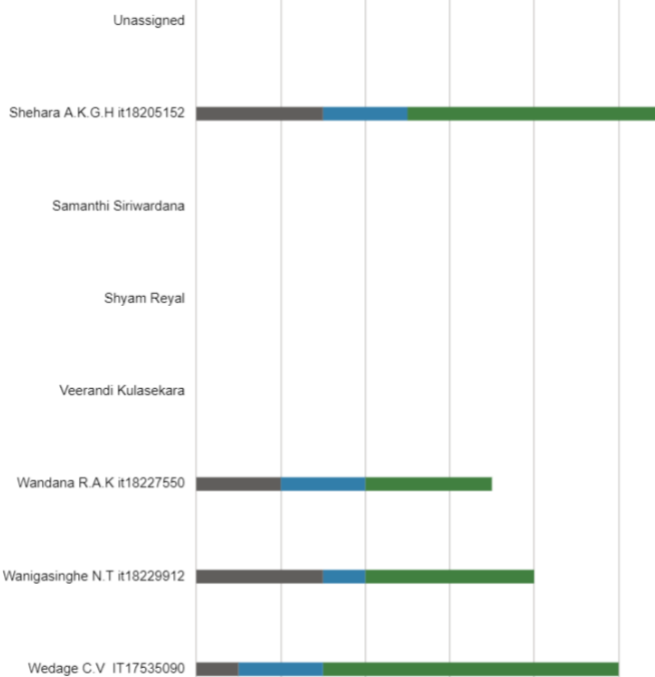
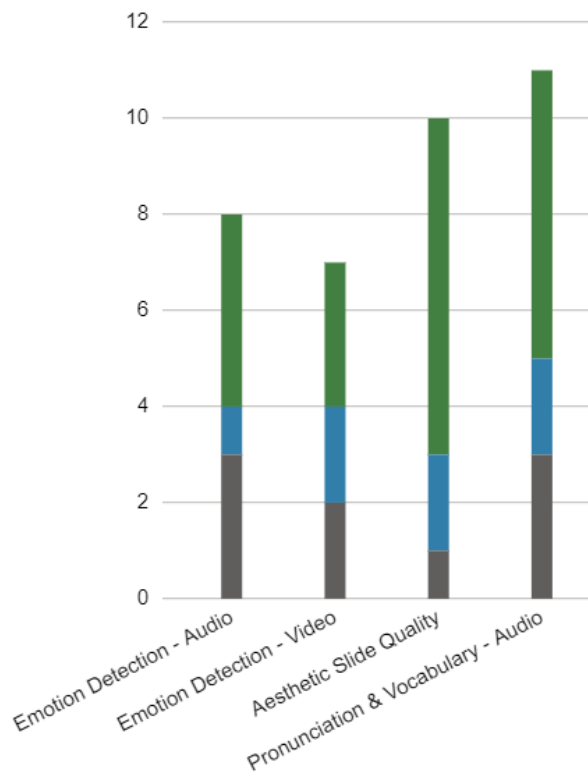
Member

## Gantt Charts of MS planner





## Bucket



## Board of MS Planner

This screenshot shows a Microsoft Planner board for the team '21\_22-J-02\_Presently'. The board is titled 'General' and is viewed in 'Board' mode. It displays three columns of tasks:

- Emotion Detection - Audio:**
  - Feedback Generation (25/03) - Assigned to Wanigasinghe N.T it18229912
  - Model Building - Prosody Checking (04/03) - Assigned to Wanigasinghe N.T it18229912
  - System Integration (14/04) - Assigned to Wanigasinghe N.T it18229912
  - Frontend - Feedback generation (19/03) - Assigned to Wanigasinghe N.T it18229912
- Emotion Detection - Video:**
  - System Integration (05/04) - Assigned to Wandana R.A.K it18227550
  - Feedback Generation (20/02) - Assigned to Wandana R.A.K it18227550
  - Detect Hand Gestures (03/02) - Assigned to Wandana R.A.K it18227550
  - Improve Model Accuracy (20/01) - Assigned to Wandana R.A.K it18227550
- Aesthetic Slide Quality:**
  - Feedback Generation (31/03) - Assigned to Wedage C.V IT17535090
  - System Integration (10/04) - Assigned to Wedage C.V IT17535090
  - Backend - Grammar Checker (15/02) - Assigned to Wedage C.V IT17535090

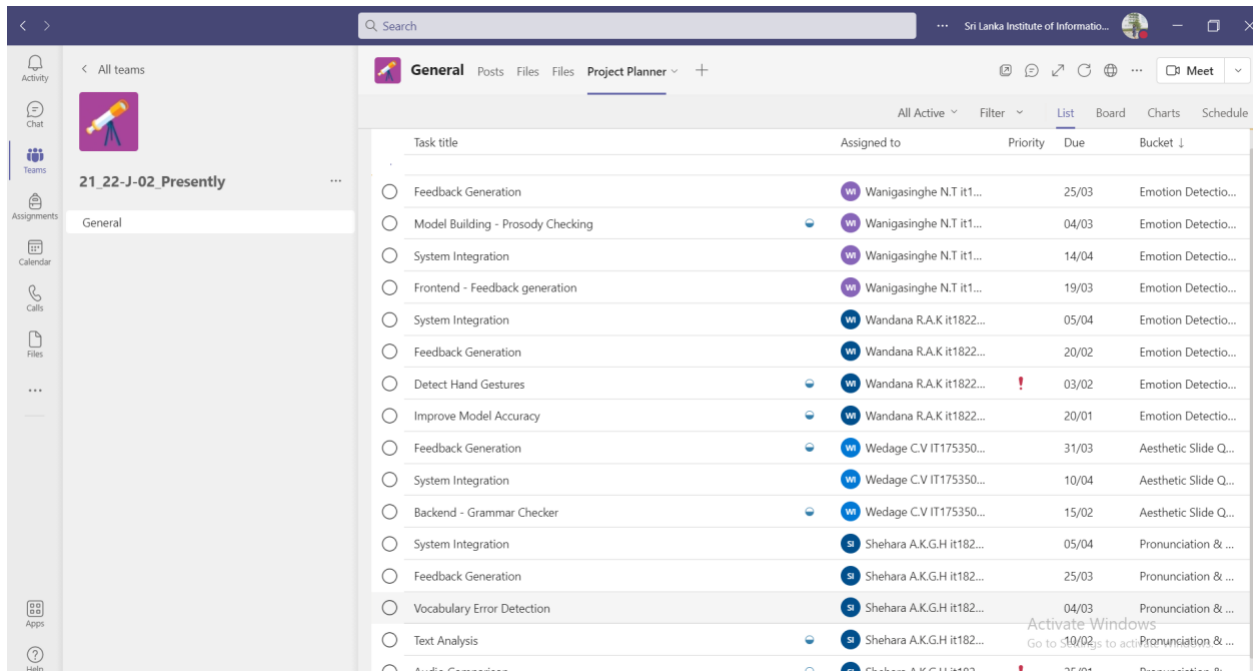
The board also shows a 'Completed tasks' count of 7. A watermark 'Activate Windows' is visible at the bottom right.

This screenshot shows the same Microsoft Planner board, but with different task assignments and a new column added:

- Emotion Detection - Video:**
  - System Integration (05/04) - Assigned to Wandana R.A.K it18227550
  - Feedback Generation (20/02) - Assigned to Wandana R.A.K it18227550
  - Detect Hand Gestures (03/02) - Assigned to Wandana R.A.K it18227550
  - Improve Model Accuracy (20/01) - Assigned to Wandana R.A.K it18227550
- Aesthetic Slide Quality:**
  - Feedback Generation (31/03) - Assigned to Wedage C.V IT17535090
  - System Integration (10/04) - Assigned to Wedage C.V IT17535090
  - Backend - Grammar Checker (15/02) - Assigned to Wedage C.V IT17535090
- Pronunciation & Vocabulary - Audio:**
  - System Integration (05/04) - Assigned to Shehara A.K.G.H it18205152
  - Feedback Generation (25/03) - Assigned to Shehara A.K.G.H it18205152
  - Vocabulary Error Detection (04/03) - Assigned to Shehara A.K.G.H it18205152
  - Text Analysis (10/02) - Assigned to Shehara A.K.G.H it18205152
  - Audio Comparison - Unassigned

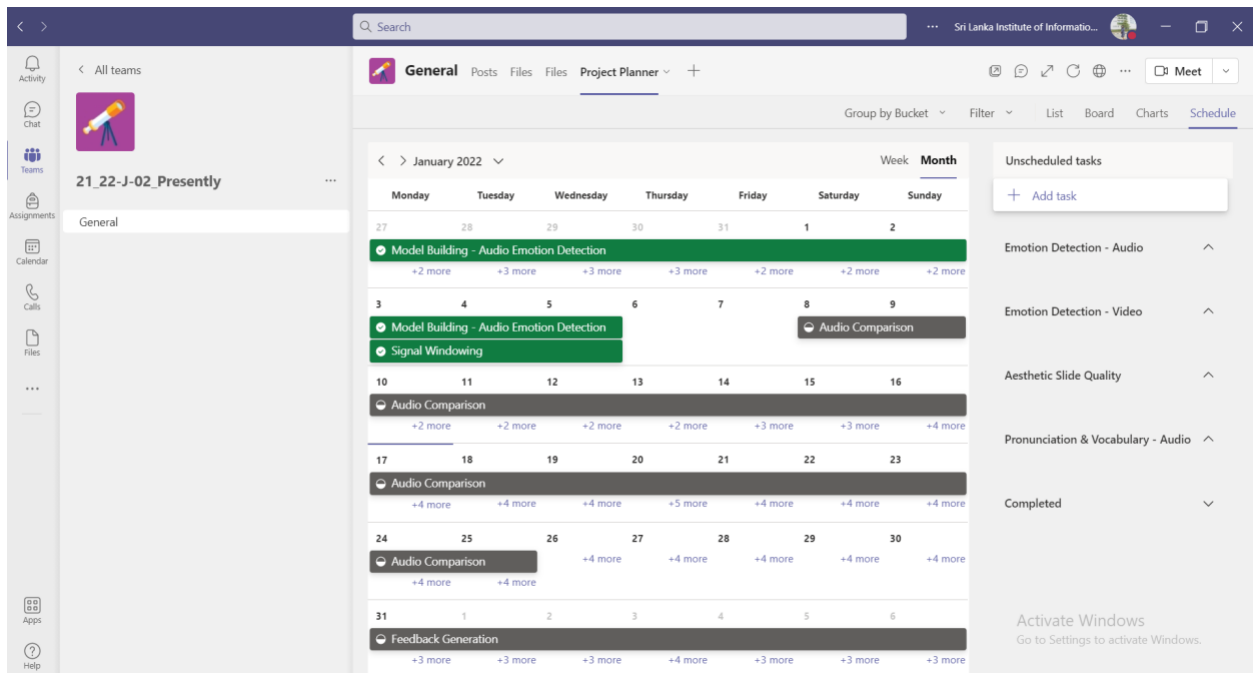
The 'Completed tasks' count remains at 7. The 'Activate Windows' watermark is also present.

## List of MS Planner



Task title	Assigned to	Priority	Due	Bucket
Feedback Generation	Wanigasinghe N.T it1...		25/03	Emotion Detectio...
Model Building - Prosody Checking	Wanigasinghe N.T it1...		04/03	Emotion Detectio...
System Integration	Wanigasinghe N.T it1...		14/04	Emotion Detectio...
Frontend - Feedback generation	Wanigasinghe N.T it1...		19/03	Emotion Detectio...
System Integration	Wandana R.A.K it1822...		05/04	Emotion Detectio...
Feedback Generation	Wandana R.A.K it1822...		20/02	Emotion Detectio...
Detect Hand Gestures	Wandana R.A.K it1822...		03/02	Emotion Detectio...
Improve Model Accuracy	Wandana R.A.K it1822...		20/01	Emotion Detectio...
Feedback Generation	Wedage C.V IT175350...		31/03	Aesthetic Slide Q...
System Integration	Wedage C.V IT175350...		10/04	Aesthetic Slide Q...
Backend - Grammar Checker	Wedage C.V IT175350...		15/02	Aesthetic Slide Q...
System Integration	Shehara A.K.G.H it182...		05/04	Pronunciation & ...
Feedback Generation	Shehara A.K.G.H it182...		25/03	Pronunciation & ...
Vocabulary Error Detection	Shehara A.K.G.H it182...		04/03	Pronunciation & ...
Text Analysis	Shehara A.K.G.H it182...		10/02	Pronunciation & ...
Audio Comparison	Shehara A.K.G.H it182...		25/01	Pronunciation & ...

## Schedule of MS planner



Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
27	28	29	30	31	1	2
Model Building - Audio Emotion Detection						
+2 more +3 more +3 more +3 more +2 more +2 more +2 more						
3	4	5	6	7	8	9
Model Building - Audio Emotion Detection			Audio Comparison			
Signal Windowing						
10	11	12	13	14	15	16
Audio Comparison						
+2 more +2 more +2 more +2 more +3 more +3 more +4 more						
17	18	19	20	21	22	23
Audio Comparison						
+4 more +4 more +4 more +5 more +4 more +4 more +4 more						
24	25	26	27	28	29	30
Audio Comparison		+4 more		+4 more		+4 more
+4 more		+4 more				
31	1	2	3	4	5	6
Feedback Generation						
+3 more +3 more +3 more +4 more +3 more +3 more +3 more						

Unscheduled tasks

+ Add task

Emotion Detection - Audio

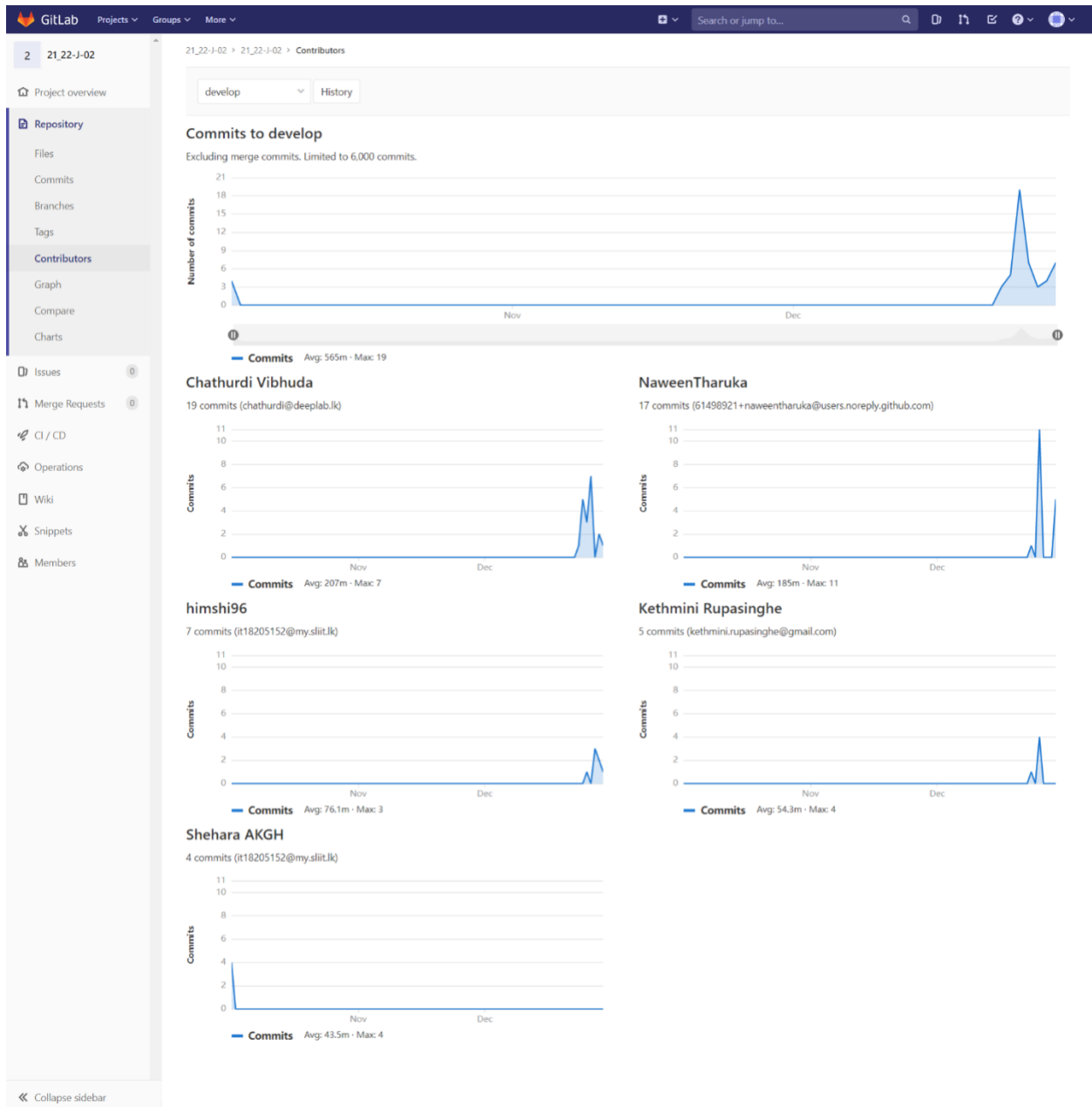
Emotion Detection - Video

Aesthetic Slide Quality

Pronunciation & Vocabulary - Audio

Completed

# GitLab



GitLab Projects Groups More Search or jump to...

2 21\_22-J-02

Project overview

Repository

- Files
- Commits
- Branches
- Tags
- Contributors
- Graph
- Compare
- Charts

Issues 0

Merge Requests 0

CI / CD

Operations

Collapse sidebar

You can move around the graph by using the arrow keys.

Git revision   ☐ Begin with the selected commit

Jun 17 9

it18205152

Feat/it18229912

it17535090

8

develop

Merge branch 'it18227550' into 'develop'

Merge branch 'it18205152' into 'develop'

UI Updated - about-us,contact-us,sign-in,sign-up

Merge branch 'feat/it18229912' into 'develop'

feat: UI updated

feat: UI for contactus/ aboutus

feat: UI for signup

Merge branch 'feat/it18229912' into 'develop'

Merge branch 'feat/it18229912' into 'develop'

feat: mfcc model

feat: Audio emotion detection py

Merge branch 'it17535090' into 'develop'

feat: UI changes

Merge branch 'it18205152' into 'develop'

UI Content Updated!

GitLab Projects Groups More Search or jump to...

2 21\_22-J-02

Project overview

Repository

- Files
- Commits
- Branches
- Tags
- Contributors
- Graph
- Compare
- Charts

Issues 0

Merge Requests 0

CI / CD

Operations

Collapse sidebar

You can move around the graph by using the arrow keys.

Git revision   ☐ Begin with the selected commit

7

6

develop

UI Content Updated!

Merge branch 'develop' of http://gitlab.sliit.lk/21\_22-J-02/21\_22-j-02 into it18205152

Merge branch 'it17535090' into 'develop'

Merge branch 'it18205152' into 'develop'

feat: FE

Merge branch 'develop' of http://gitlab.sliit.lk/21\_22-J-02/21\_22-j-02 into it18205152

feat: Audio Signal Processing

feat: generate output

feat: Audio Comparison - Signal Framing Completed

feat: Audio Comparison

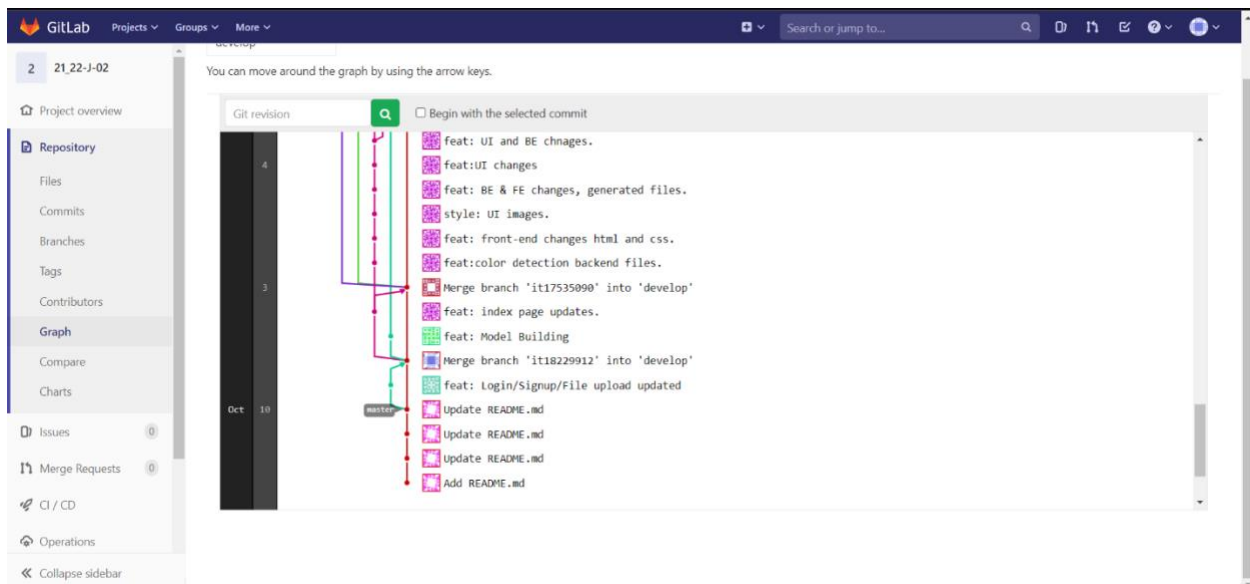
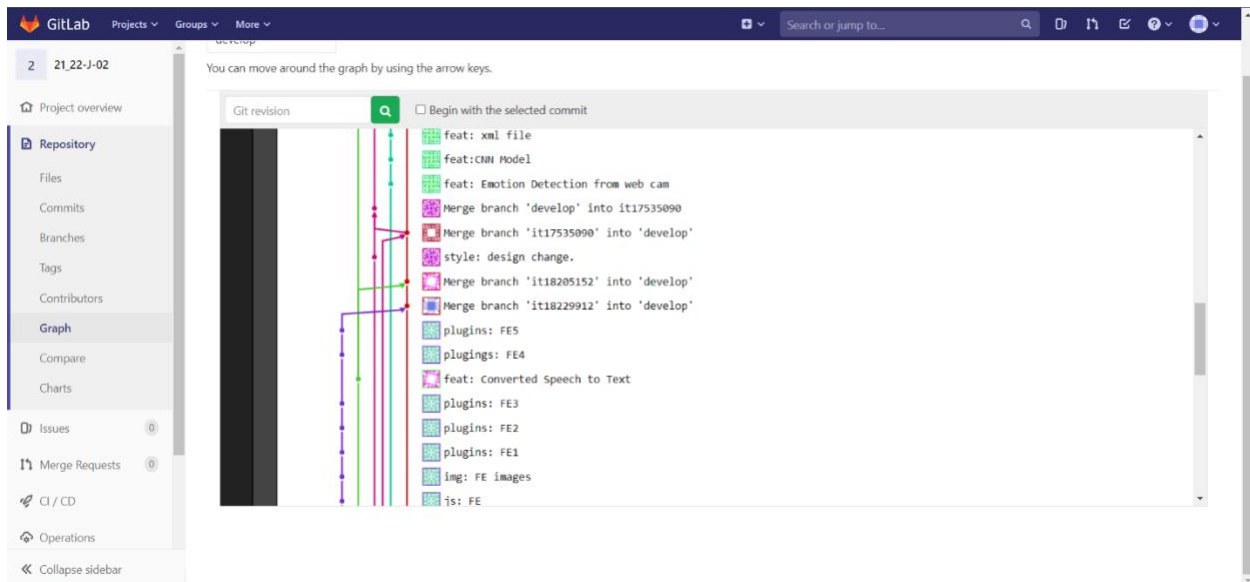
feat: Convereted Text to Speech

feat: combine new UI


Merge branch 'it17535090' into 'develop'







feat: UI chnages


js: BE and FE



# GitLab – IT17535090

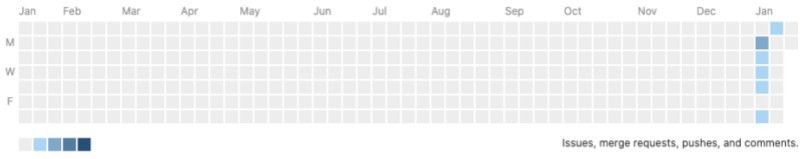
 **GitLab** Projects Groups More

Search or jump to...      





**Wedge C.V- IT17535090**  
@Chathurdi · Member since October 10, 2021


Overview Activity Groups Contributed projects Personal projects Starred projects Snippets





**Activity** [View all](#)


 **Wedge C.V- IT17535090** @Chathurdi 1 week ago  
Accepted merge request !11 "feat: UI changes" at 21\_22-J-02 / 21\_22-J-02


 **Wedge C.V- IT17535090** @Chathurdi 1 week ago  
Pushed to branch `develop` at 21\_22-J-02 / 21\_22-J-02  
`c2e71338` · Merge branch 'it17535090' into 'develop'  
... and 1 more commit. [Compare 50dbd1cf...c2e71338](#)


 **Wedge C.V- IT17535090** @Chathurdi 1 week ago  
Opened merge request !11 "feat: UI changes" at 21\_22-J-02 / 21\_22-J-02


 **Wedge C.V- IT17535090** @Chathurdi 1 week ago  
Pushed to branch `it17535090` at 21\_22-J-02 / 21\_22-J-02  
`63c6a691` · feat: UI changes


 **Wedge C.V- IT17535090** @Chathurdi 1 week ago  
Accepted merge request !9 "it17535090" at 21\_22-J-02 / 21\_22-J-02

 **Wedge C.V- IT17535090** @Chathurdi 1 week ago  
Pushed to branch `develop` at 21\_22-J-02 / 21\_22-J-02  
`e39bdd66` · Merge branch 'it17535090' into 'develop'  
... and 3 more commits. [Compare 30091170...e39bdd66](#)






 **Wedge C.V- IT17535090** @Chathurdi 1 week ago  
Opened merge request !9 "it17535090" at 21\_22-J-02 / 21\_22-J-02

 **Wedge C.V- IT17535090** @Chathurdi 1 week ago  
Pushed to branch `it17535090` at 21\_22-J-02 / 21\_22-J-02  
`2ffa0353` · feat: FE  
... and 1 more commit. [Compare de17cb02...2ffa0353](#)

 **Wedge C.V- IT17535090** @Chathurdi 1 week ago  
Pushed to branch `it17535090` at 21\_22-J-02 / 21\_22-J-02  
`de17cb02` · feat : combine new UI

 **Wedge C.V- IT17535090** @Chathurdi 1 week ago  
Accepted merge request !7 "it17535090" at 21\_22-J-02 / 21\_22-J-02

**Personal projects** [View all](#)

 **Aesthetic-quality-checker**  Maintainer  0  0  0  
Updated 2 weeks ago

