AI AND AR-ENHANCED EMOTION RECOGNITION AND SENTIMENT ANALYSIS APP FOR RELATIONSHIP IMPROVEMENT

TMP-2023-24-133

Status Document - 01

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Sri Lanka

August 2023

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Declaration

I declare that this is my own work 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 my 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
Bataduwaarachchi A.I	IT20647414	

Signature of the Supervisor
(Dr. Dilshan de Silva)

Date

…….

…….

Signature of the Co-Supervisor
(Mr. Samitha Vidhanaarachchi)

Date

…….

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Screenshot of MS Team Chat

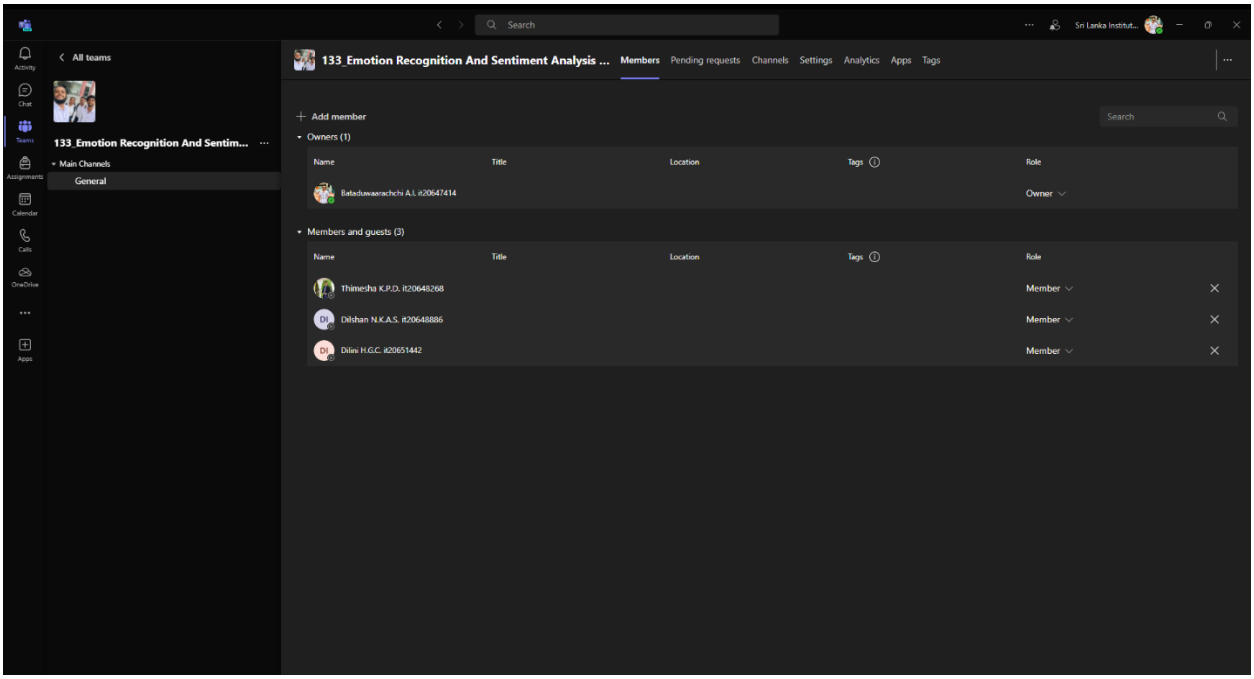


Figure 1 Created Teams Channel for research project

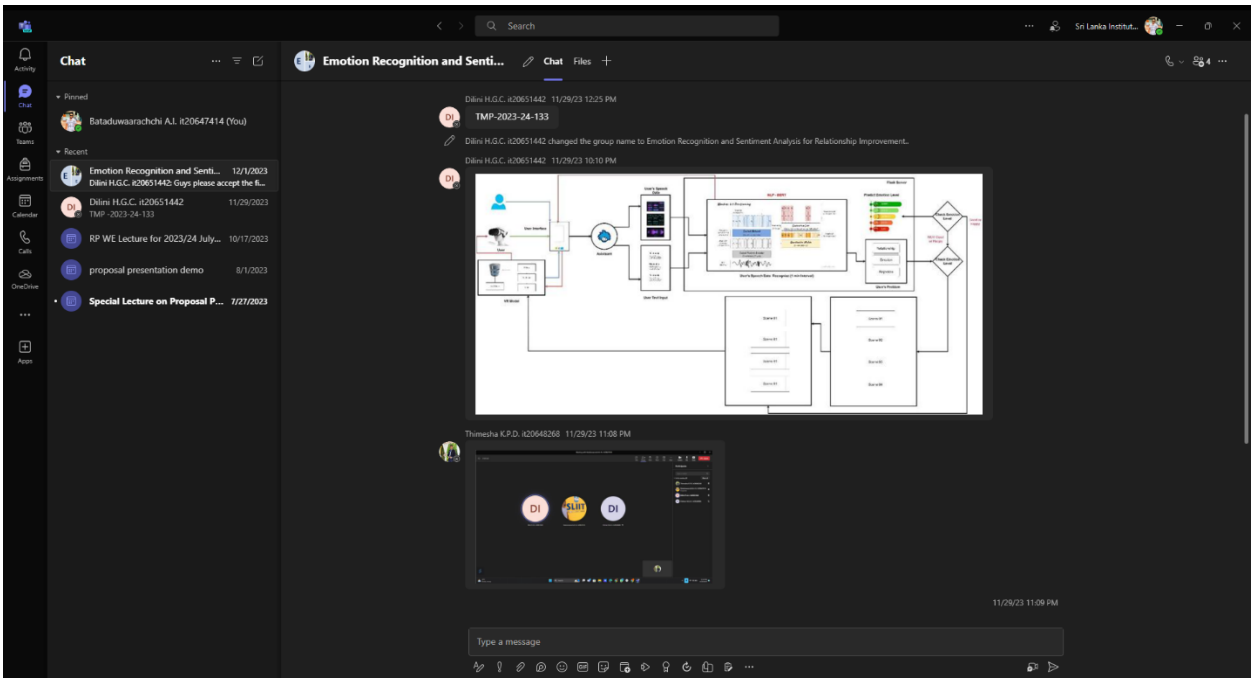


Figure 2 Discuss about research project

Screenshot of MS Team Calls

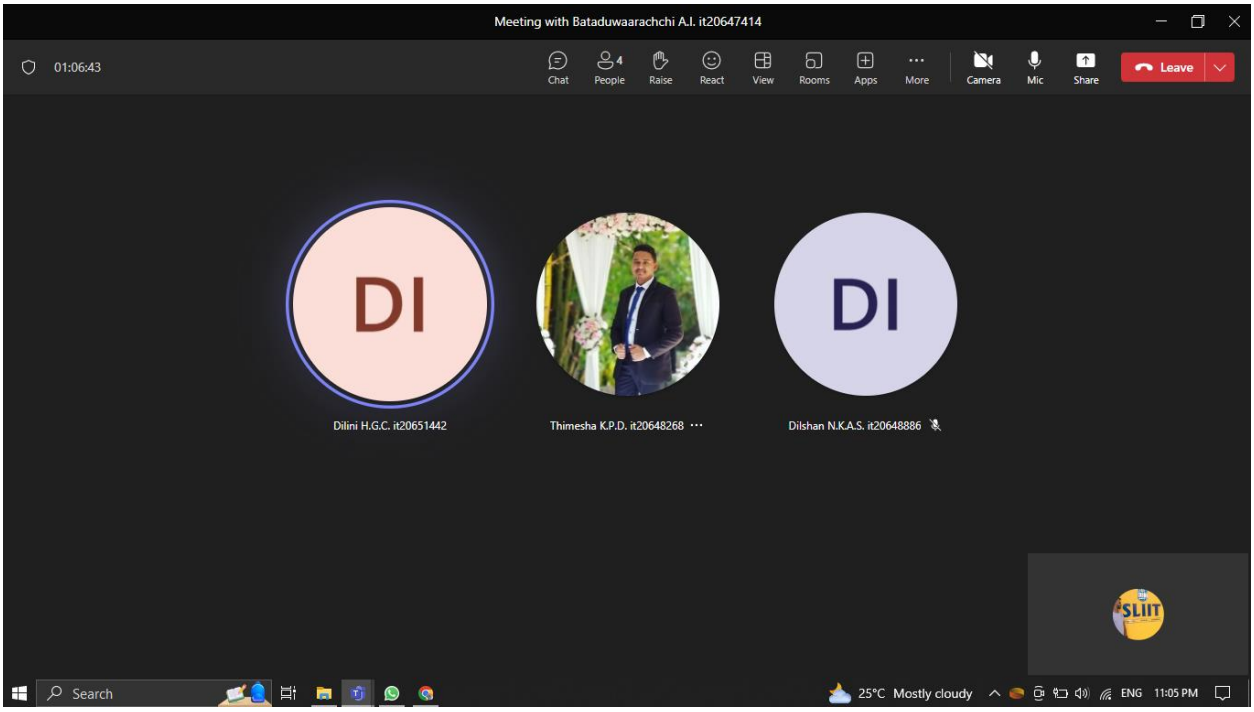


Figure 3 Discuss and Planning how to implement mobile app

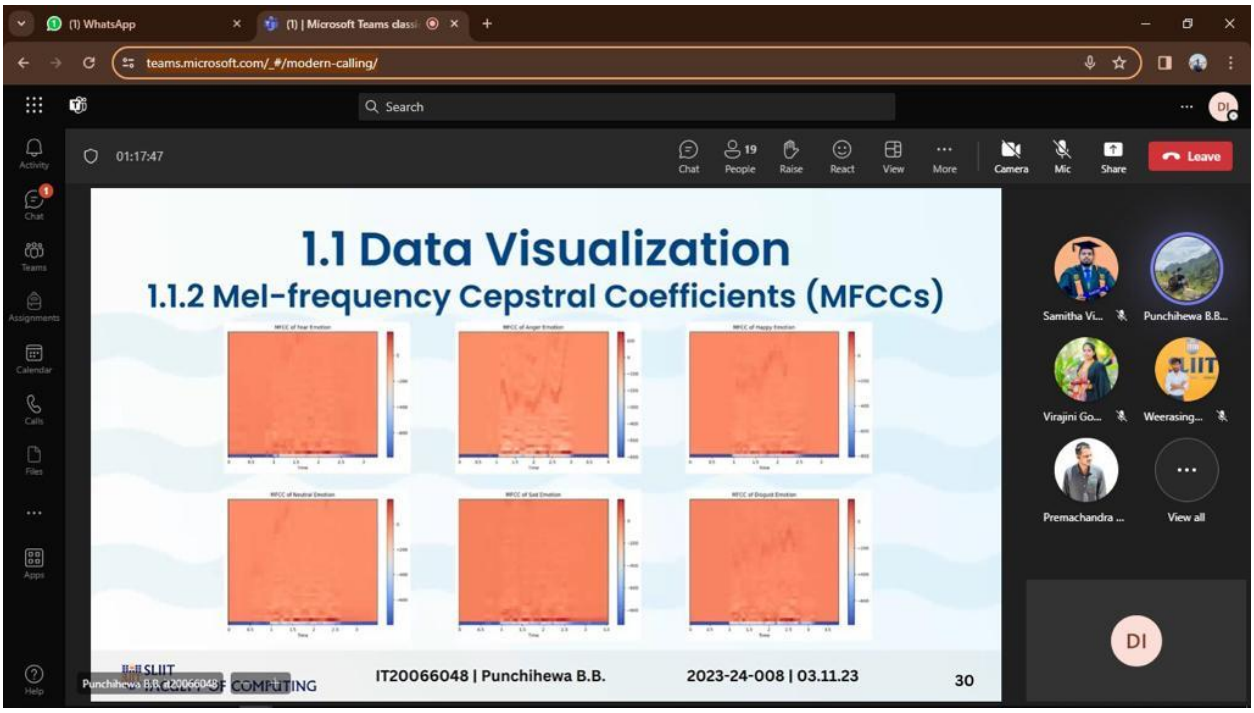


Figure 4 PP1 Initial presentation Planing

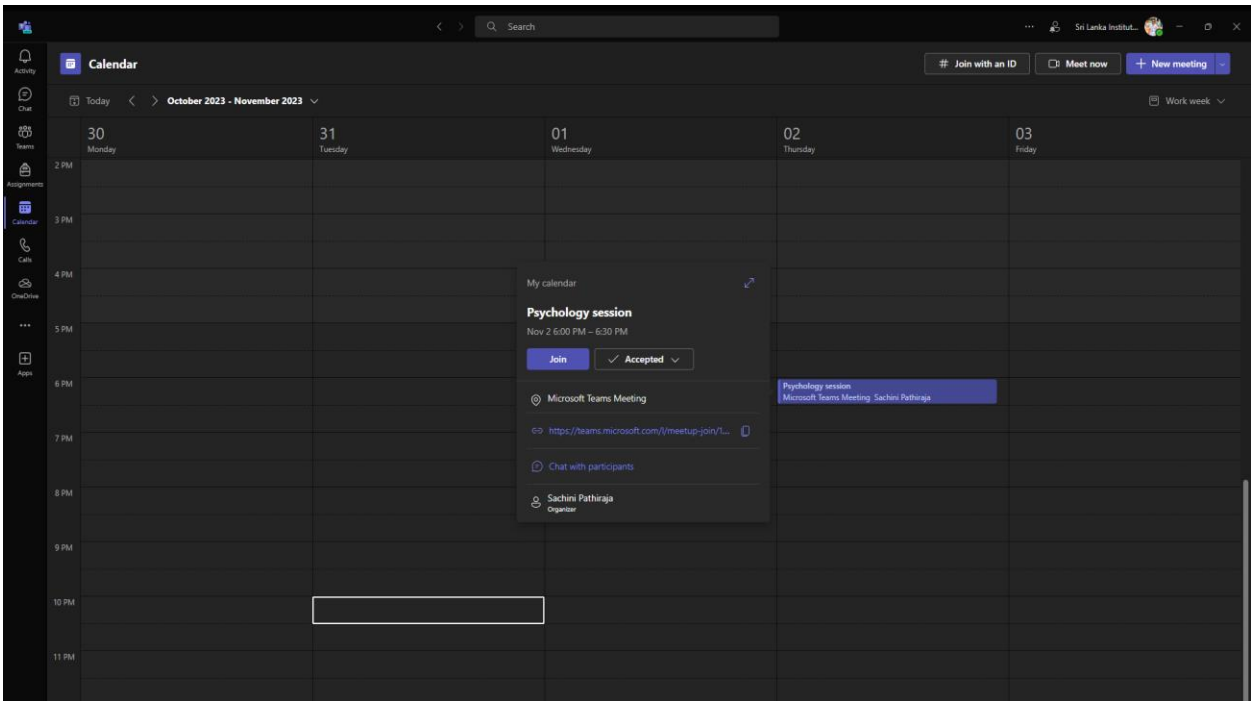


Figure 5 Session with SLIIT helping hands unit

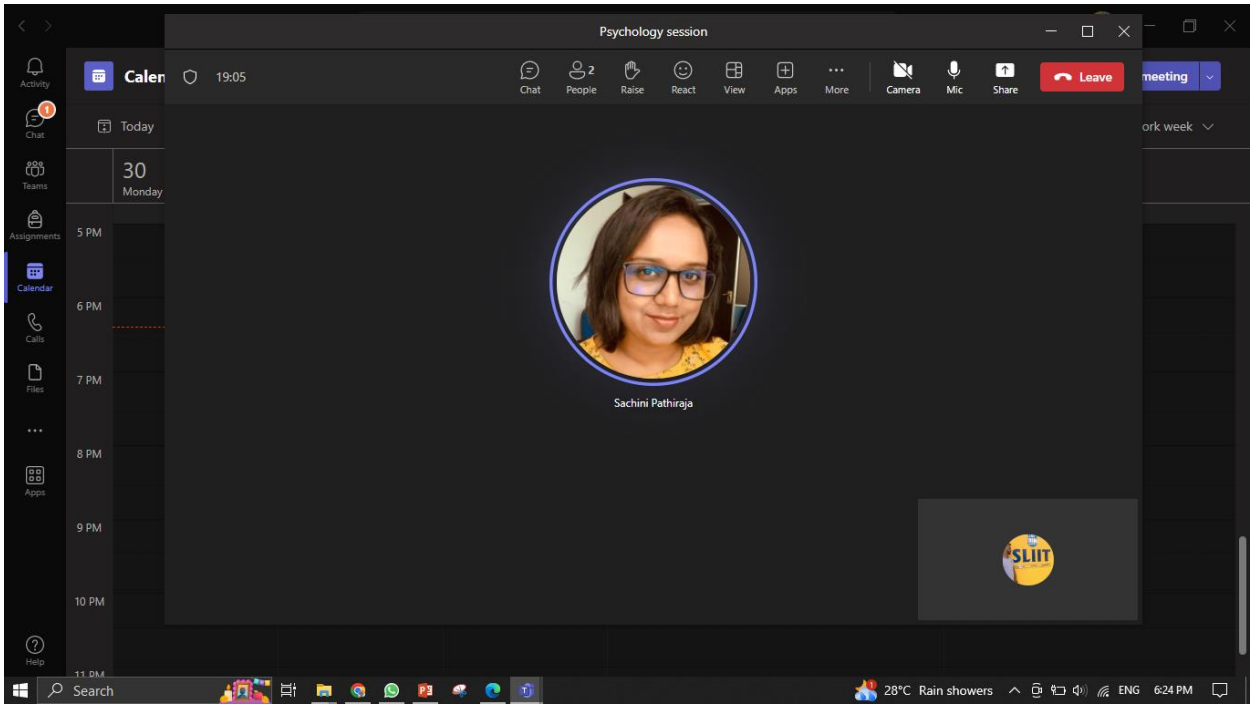


Figure 6 Session with Mrs.Sachini about research topic

Task Allocation in MS Teams Planner

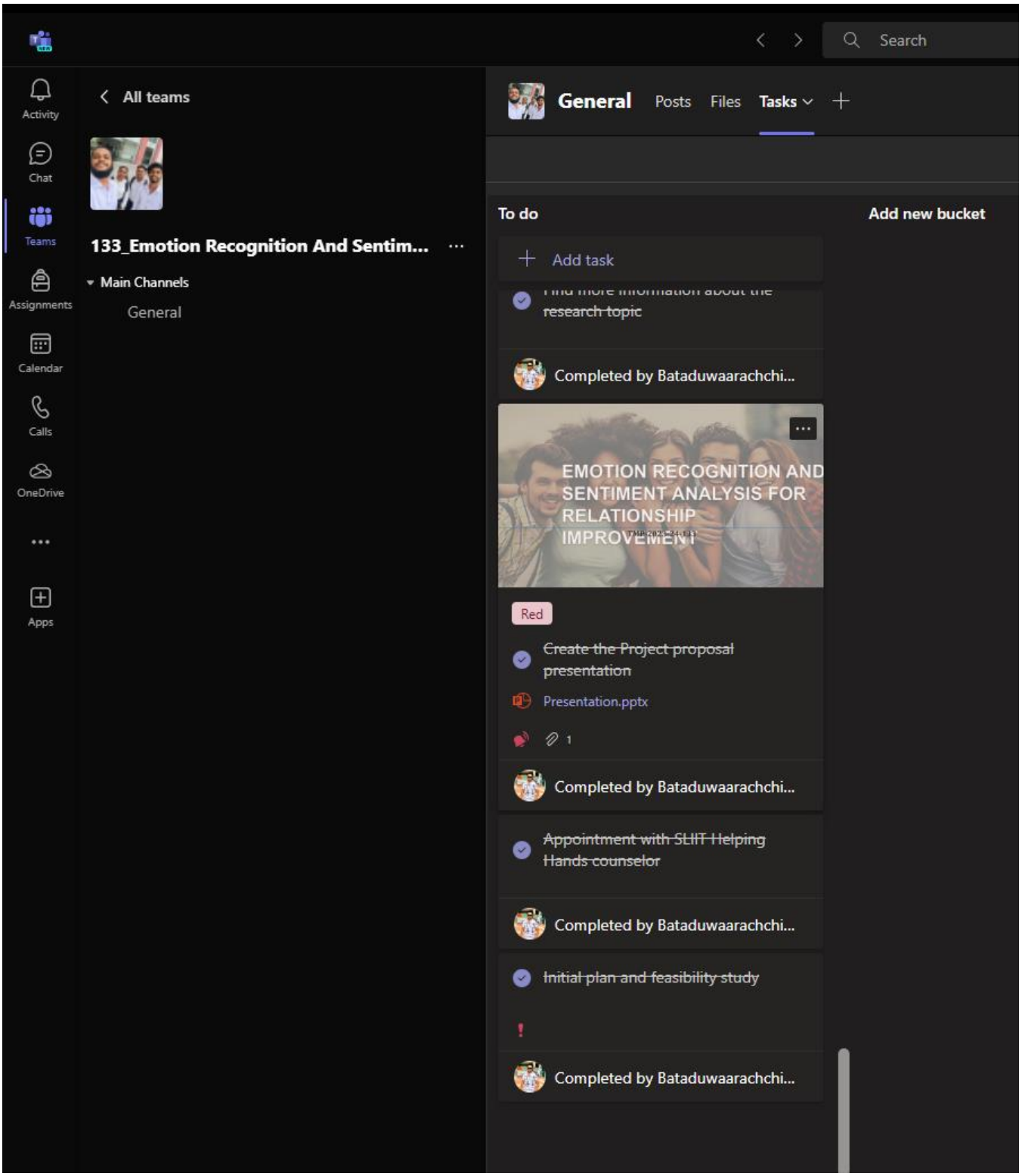
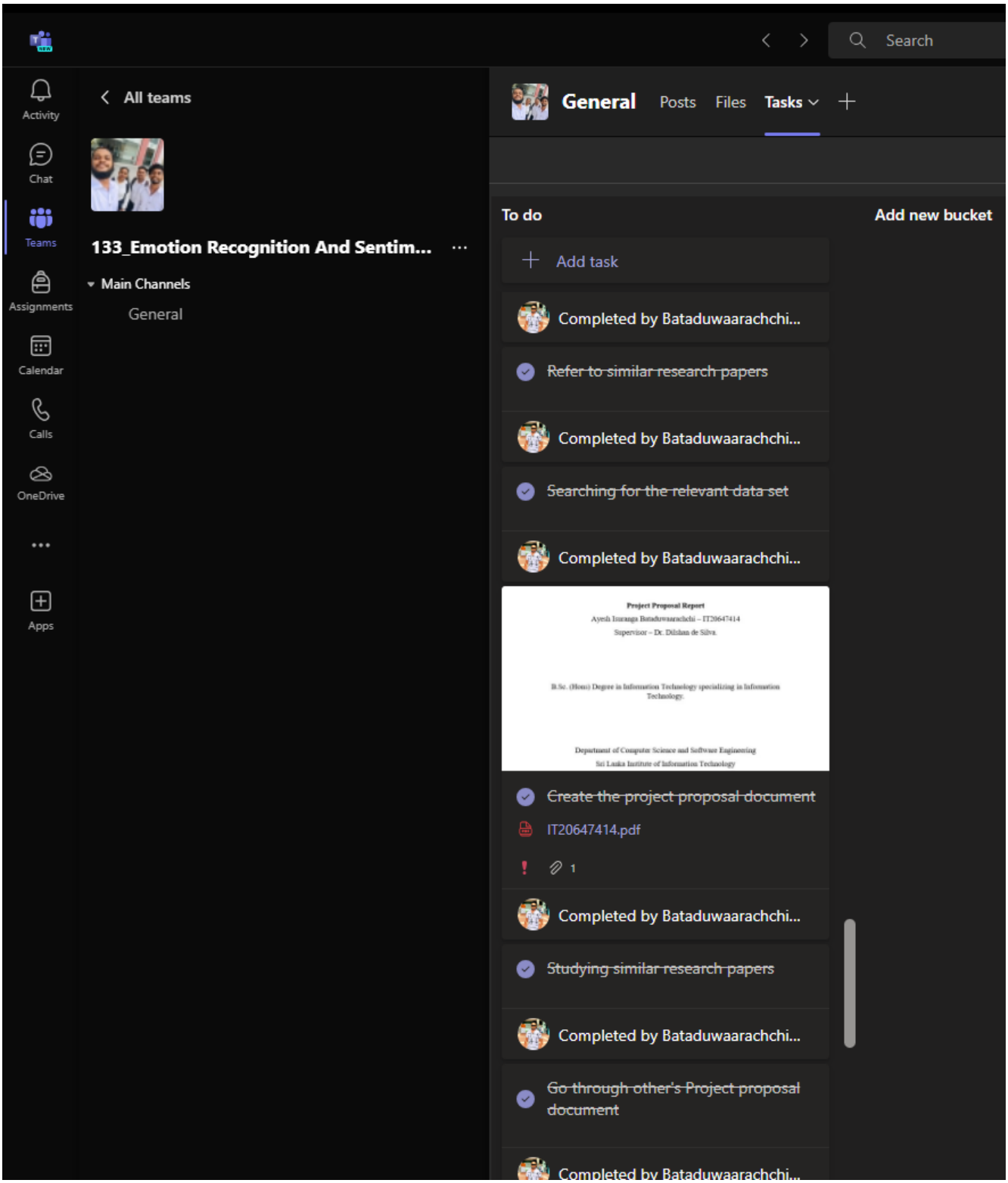


Figure 7 Completed Task in MS team


Search
Activity
Chat
Teams
Assignments
Calendar
Calls
OneDrive
Apps
All teams
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Main Channels
General
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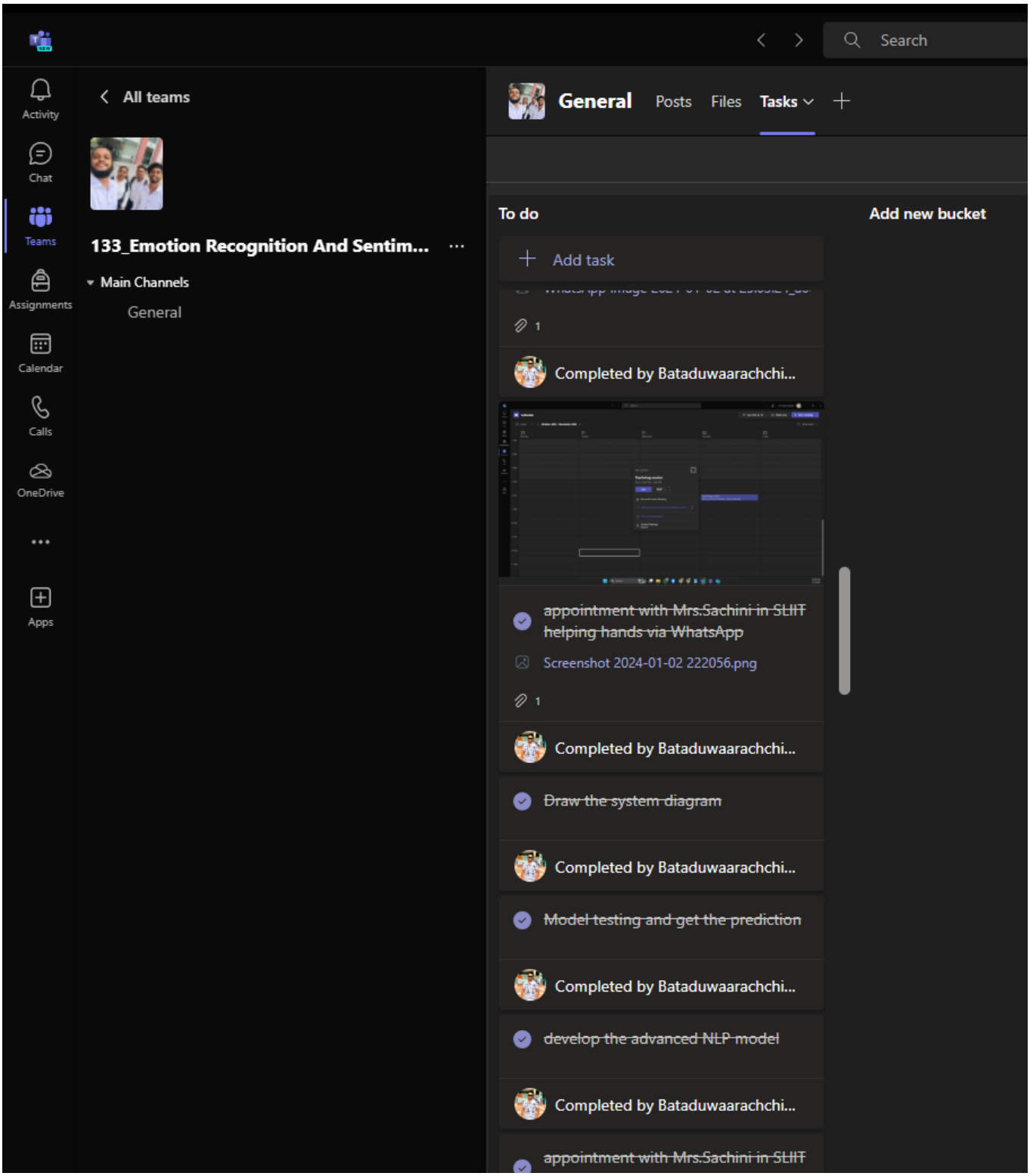
Posts
Files
Tasks
To do
Add new bucket
Add task
Completed by Bataduwaarachchi...
Refer to similar research papers
Completed by Bataduwaarachchi...
Searching for the relevant data set
Completed by Bataduwaarachchi...
Project Proposal Report
Ayesh Isuranga Bataduwaarachchi – IT20647414
Supervisor – Dr. Dilshan de Silva.
B.Sc. (Hons) Degree in Information Technology specializing in Information Technology.
Department of Computer Science and Software Engineering
Sri Lanka Institute of Information Technology
Create the project proposal document
IT20647414.pdf
1
Completed by Bataduwaarachchi...
Studying similar research papers
Completed by Bataduwaarachchi...
Go through other's Project proposal document
Completed by Bataduwaarachchi...


Search
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All teams
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Main Channels
General
General
Posts
Files
Tasks
To do
Add new bucket
Add task
1
Completed by Bataduwaarachchi...
appointment with Mrs.Sachini in SLIIT helping hands via WhatsApp
Screenshot 2024-01-02 222056.png
1
Completed by Bataduwaarachchi...
Draw the system diagram
Completed by Bataduwaarachchi...
Model testing and get the prediction
Completed by Bataduwaarachchi...
develop the advanced NLP model
Completed by Bataduwaarachchi...
appointment with Mrs.Sachini in SLIIT

Search

Activity
Chat
Teams
Assignments
Calendar
Calls
OneDrive
Apps

All teams

133_Emotion Recognition And Sentim...

Main Channels

General

General Posts Files Tasks

To do

Add new bucket

Add task

~~helping hands via WhatsApp~~

Completed by Bataduwaarachchi...

~~Appointment with Mrs.Sachini in SLIIT helping hands via WhatsApp~~

Completed by Bataduwaarachchi...

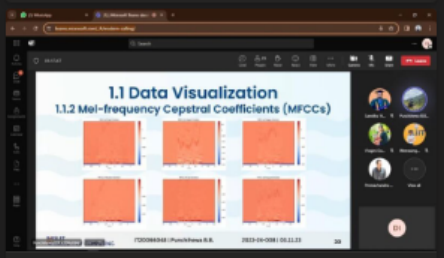
~~Create the status document~~

Completed by Bataduwaarachchi...

Red

~~Create the Progress Presentation 01 document~~

Completed by Bataduwaarachchi...



~~PP1 initial meeting~~

WhatsApp Image 2024-01-02 at 23.03.24_a6i

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Completed by Bataduwaarachchi

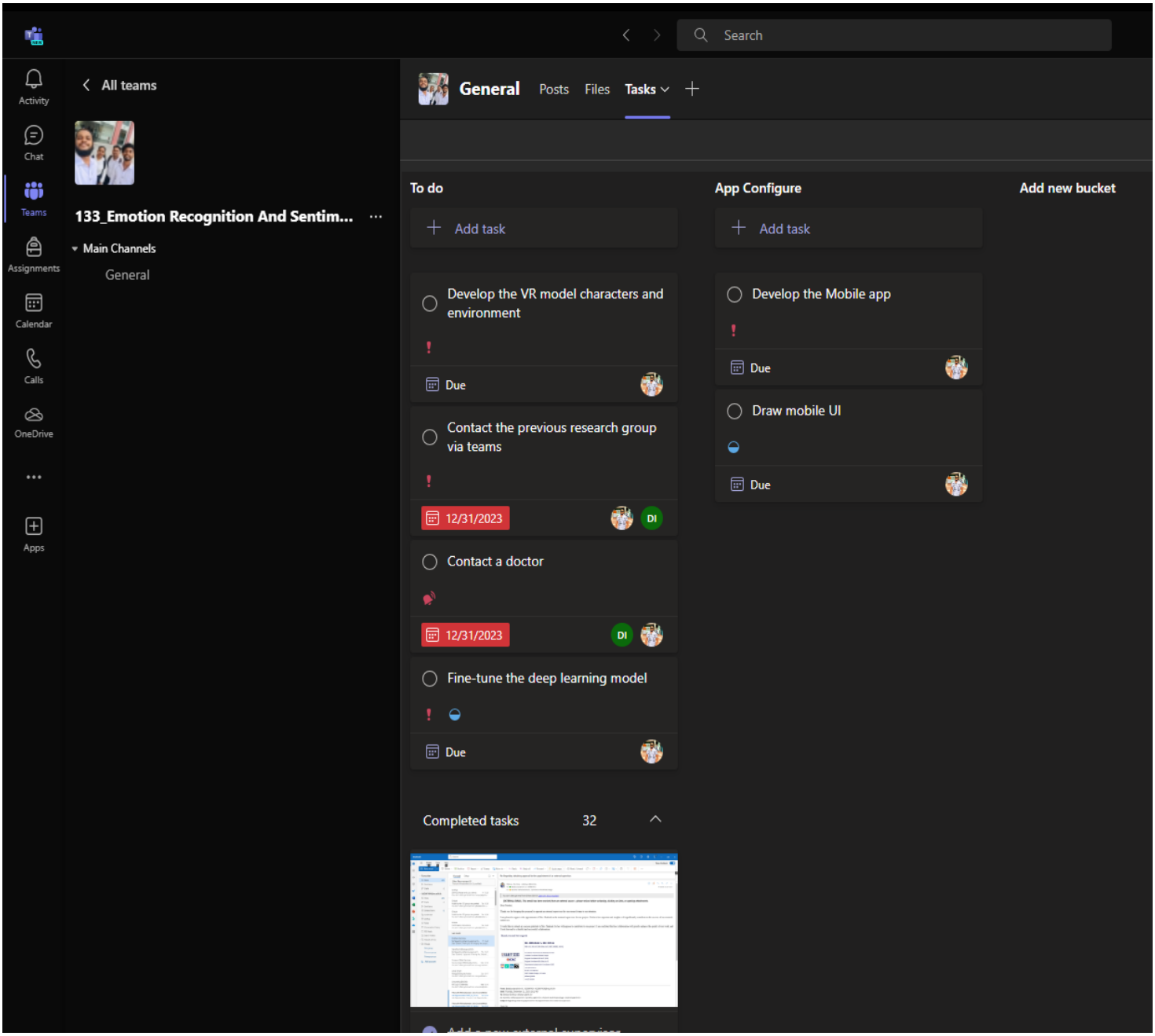


Figure 8 In progress task in MS teams

MS Team Planner Work Breakdown Chart

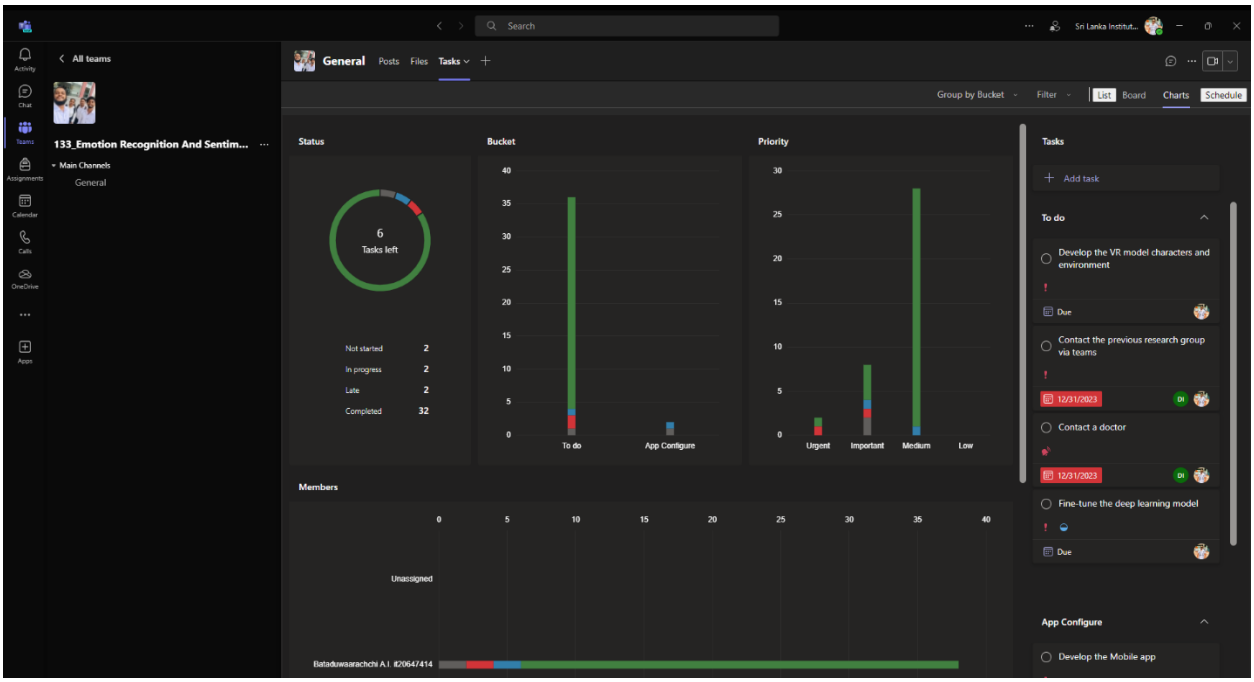


Figure 9 MS teams work breakdown graph

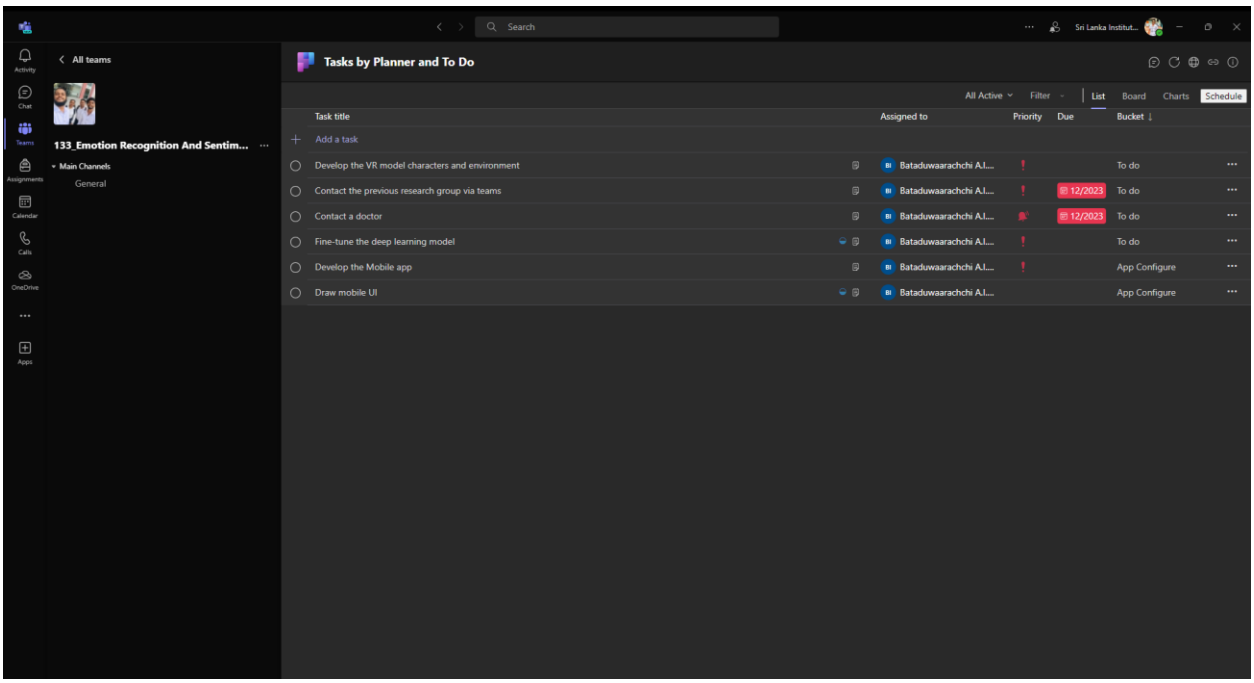


Figure 10 Task by planner Todo list

Screenshot of WhatsApp Chat and calls

- Chat and Call with SLIIT Helping Hands Unit

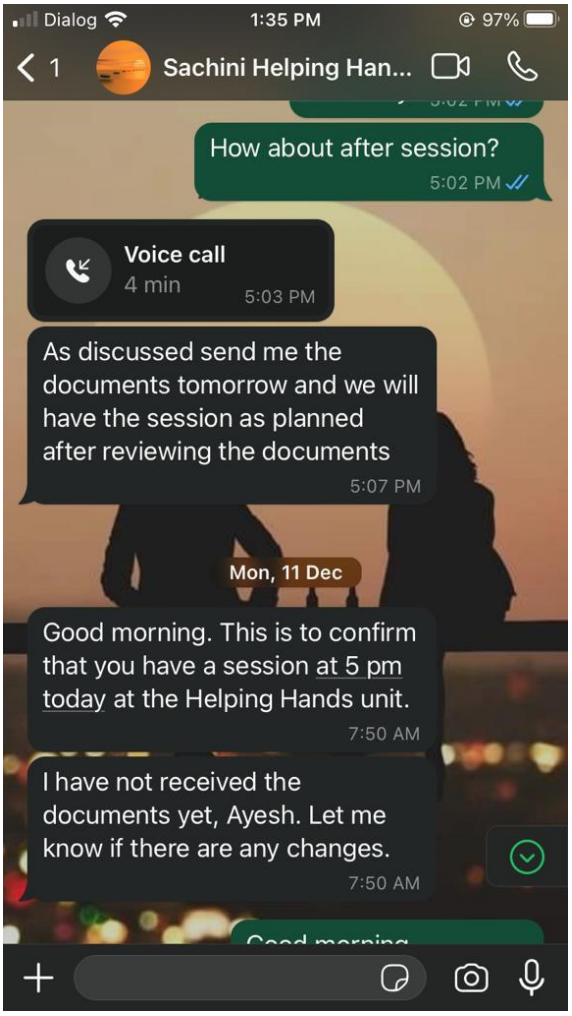
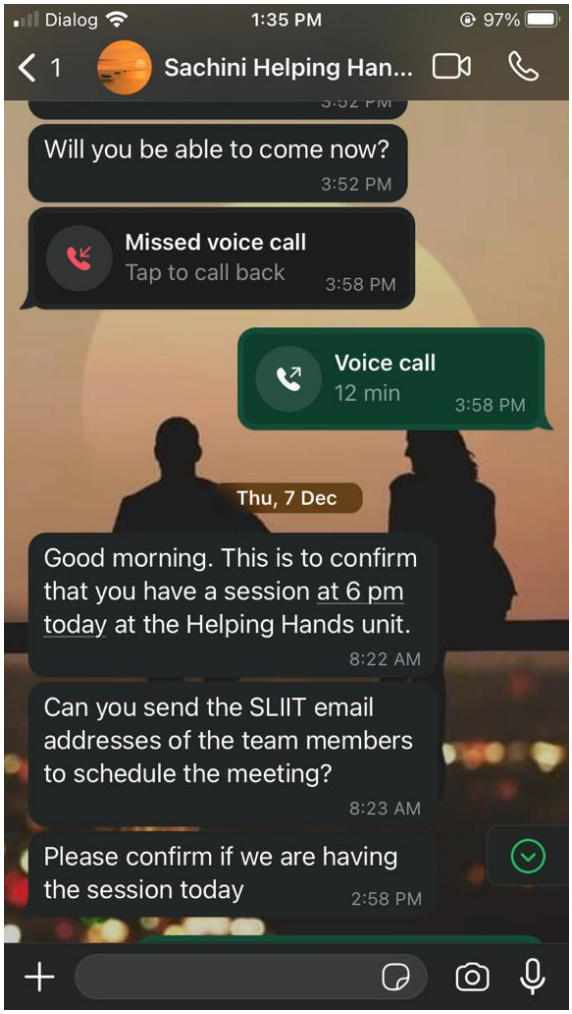
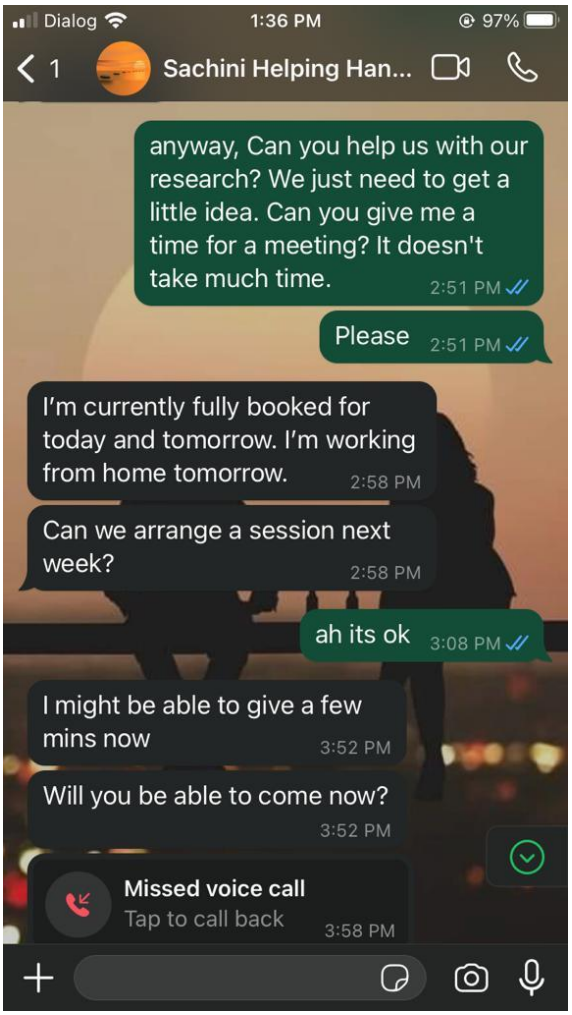


Figure 11 Chat and call With SLIIT Helping Hands Unit




Dialog
1:36 PM
97%
1
Sachini Helping Han...
anyway, Can you help us with our research? We just need to get a little idea. Can you give me a time for a meeting? It doesn't take much time.
2:51 PM
Please
2:51 PM
I'm currently fully booked for today and tomorrow. I'm working from home tomorrow.
2:58 PM
Can we arrange a session next week?
2:58 PM
ah its ok
3:08 PM
I might be able to give a few mins now
3:52 PM
Will you be able to come now?
3:52 PM
Missed voice call
Tap to call back
3:58 PM

- Chat With Official WhatsApp Group

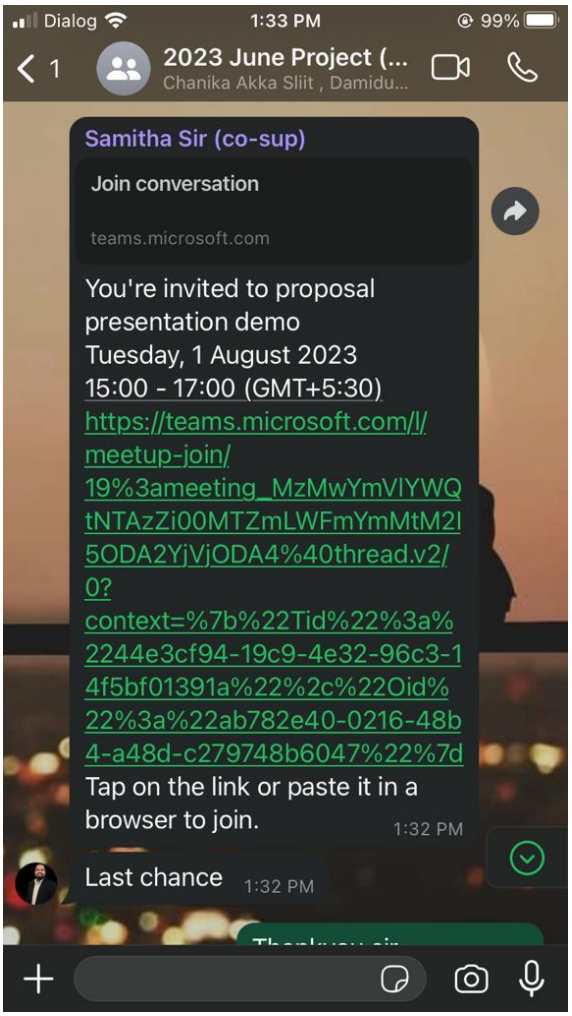
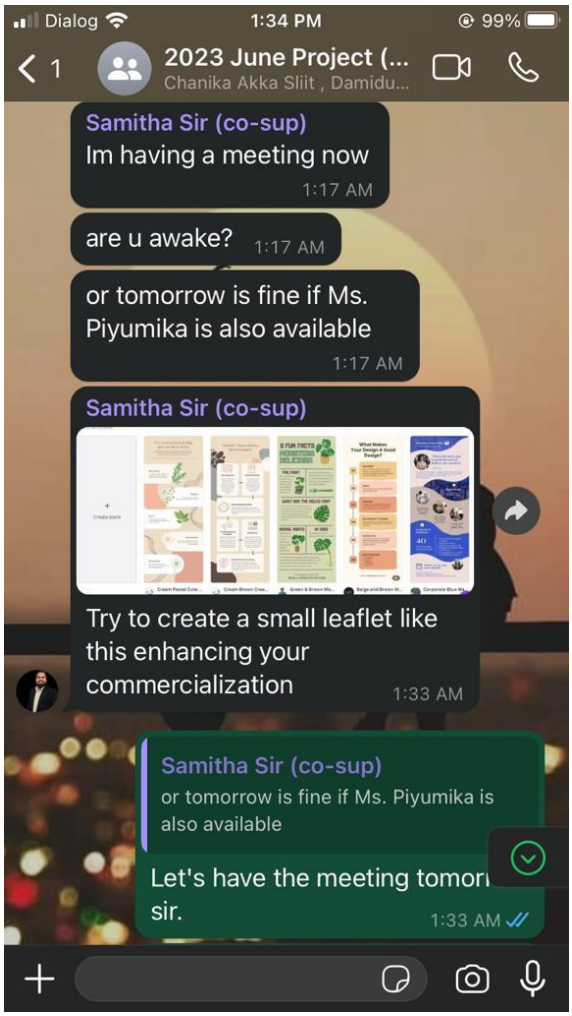
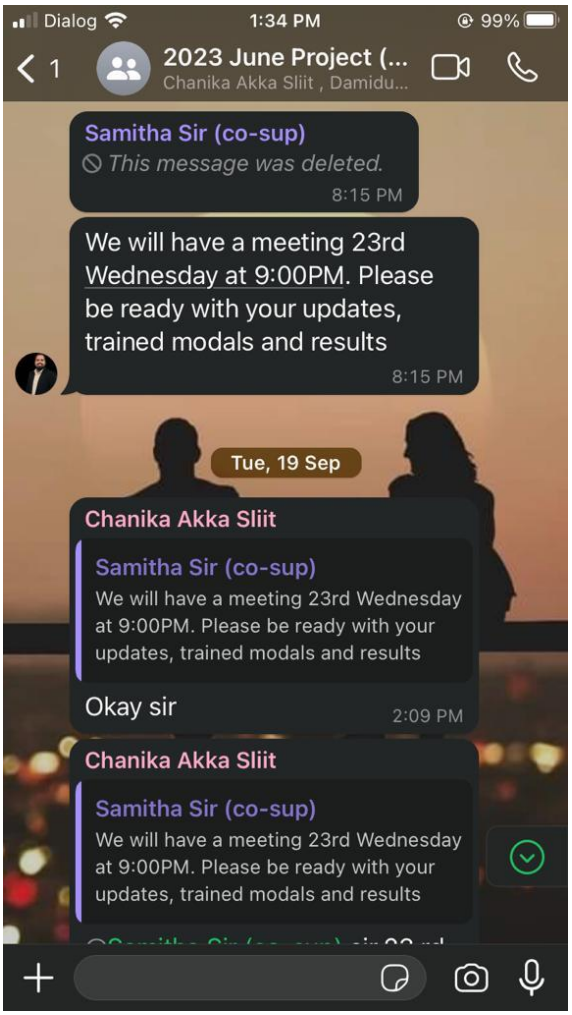


Figure 12 Chat with Official Research Group




Dialog
1:34 PM
99%
1
2023 June Project (...
Chanika Akka Sliit , Damidu...
Samitha Sir (co-sup)
This message was deleted.
8:15 PM
We will have a meeting 23rd Wednesday at 9:00PM. Please be ready with your updates, trained modals and results
8:15 PM
Tue, 19 Sep
Chanika Akka Sliit
Samitha Sir (co-sup)
We will have a meeting 23rd Wednesday at 9:00PM. Please be ready with your updates, trained modals and results
Okay sir
2:09 PM
Chanika Akka Sliit
Samitha Sir (co-sup)
We will have a meeting 23rd Wednesday at 9:00PM. Please be ready with your updates, trained modals and results

Data Gathering

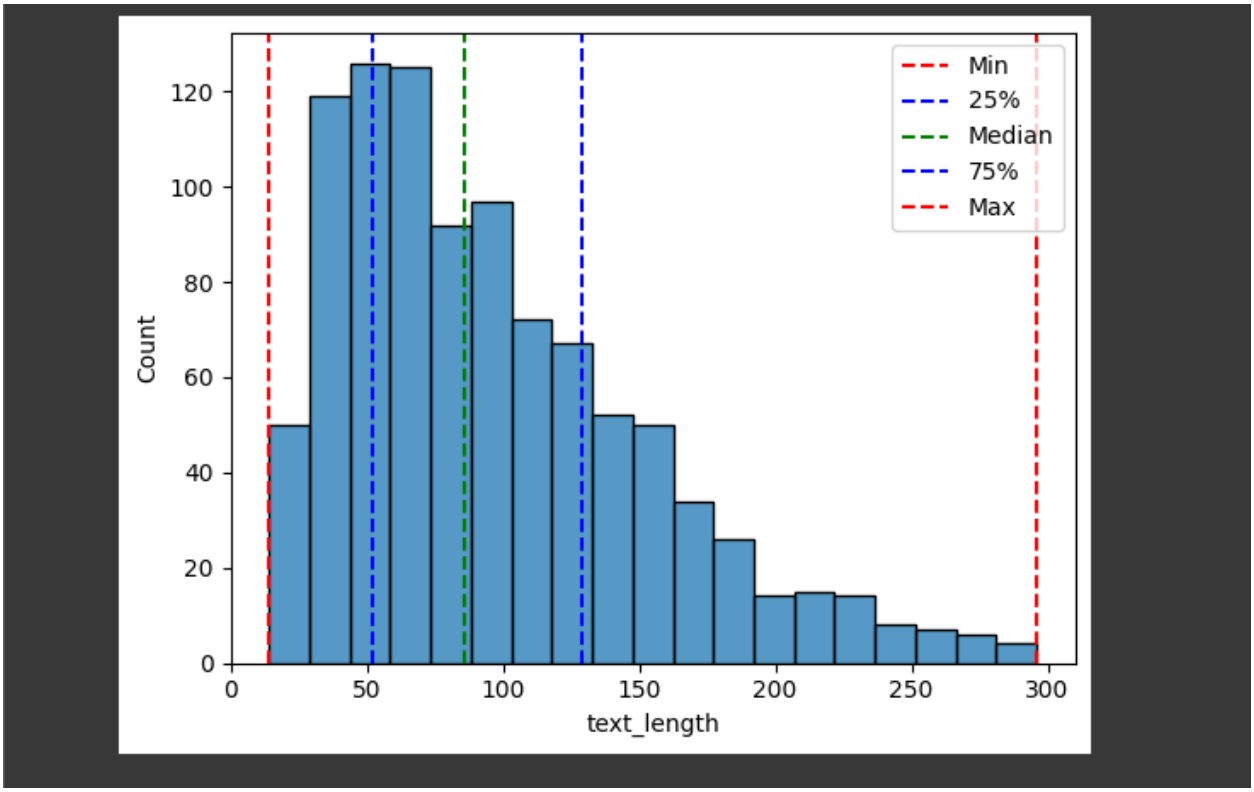


Figure 13 Text Data Manipulation

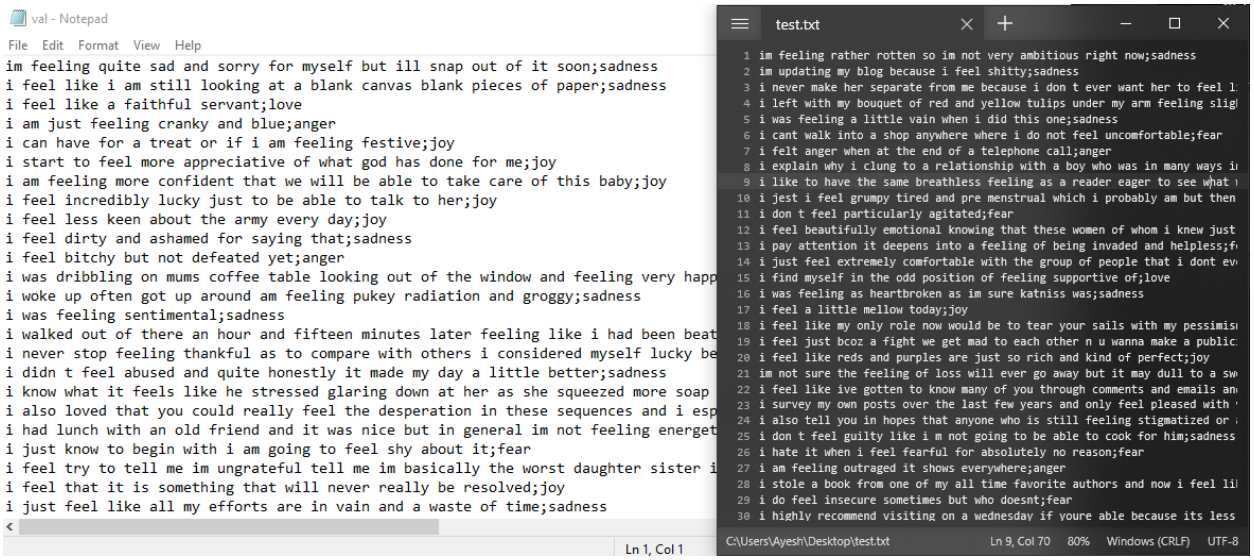


Figure 14 Text Data

Gantt Chart

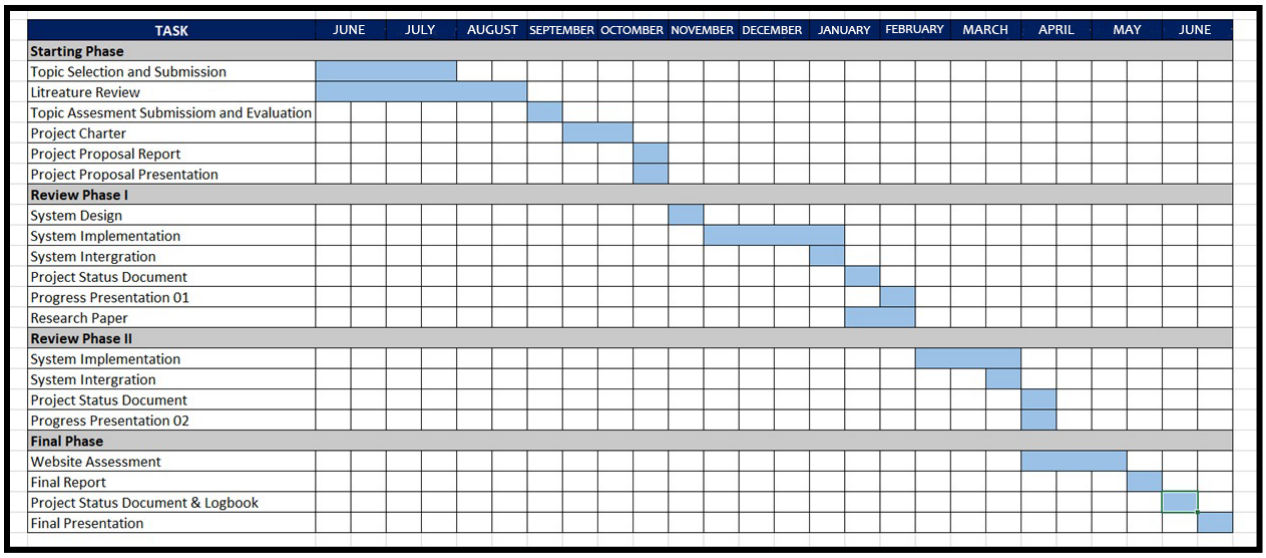


Figure 15 Gantt Chart