

**THIRD EYE – A MOBILE APPLICATION FOR VISUALLY
IMPAIRED PEOPLE TO ASSIST WITH DAILY TASKS**

22_23-J 83

Status Document 1

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B.Sc. (Hons) Degree in Information Technology specializing in
Information Technology

Department of Computer Science and Software Engineering

Sri Lanka Institute of Information Technology

Sri Lanka

February 2023

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1. Submissions

1.1 Individual Submissions

The screenshot shows a SharePoint library named 'CDAPSubmissionCloud' which is a private group. The search bar at the top right contains the placeholder 'Search this library'. On the right side of the header, there are icons for 'Not following', '2 members', and a user profile. Below the header, there are buttons for 'Share', 'Download', 'Automate', and 'Integrate'. A dropdown menu for 'All Documents' is open. The main content area displays a single document entry:

| Name | Modified | Modified By |
|-----------------|------------------|--------------------------|
| IT19133614.docx | October 13, 2022 | Amarasinghe A.D IT191336 |

At the bottom right of the content area, there is a link 'Expand search to all items in this site'.

The screenshot shows the Turnitin Class Homepage for the class 'IT4010-JUNE STUDENTS (2022/23)'. The top navigation bar includes links for 'Dishani Amarasinghe', 'User Info', 'Messages', 'Student', 'English', 'Help', and 'Logout'. The main content area features a 'Class Portfolio' tab, which is currently selected, along with tabs for 'My Grades', 'Discussion', and 'Calendar'. A welcome message states: 'Welcome to your new class homepage! From the class homepage you can see all your assignments for your class, view additional assignment information, submit your work, and access feedback for your papers.' It also says 'Hover on any item in the class homepage for more information.' Below this is a 'Class Homepage' section with a table for 'Assignment Inbox: IT4010-JUNE Students (2022/23)'. The table has columns for 'Assignment Title', 'Info', 'Dates', 'Similarity', and 'Actions'. An assignment titled 'Proposal Report' is listed with the following details:

| Assignment Title | Info | Dates | Similarity | Actions |
|------------------|------|---|----------------------------|--|
| Proposal Report | | Start: 14-Oct-2022 Due: 30-Nov-2022 Post: 12-Nov-2022 | 9:00PM 5:56AM 5:57AM | 16% <button>Submit</button> <button>View</button> |

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1.2 Group Submissions

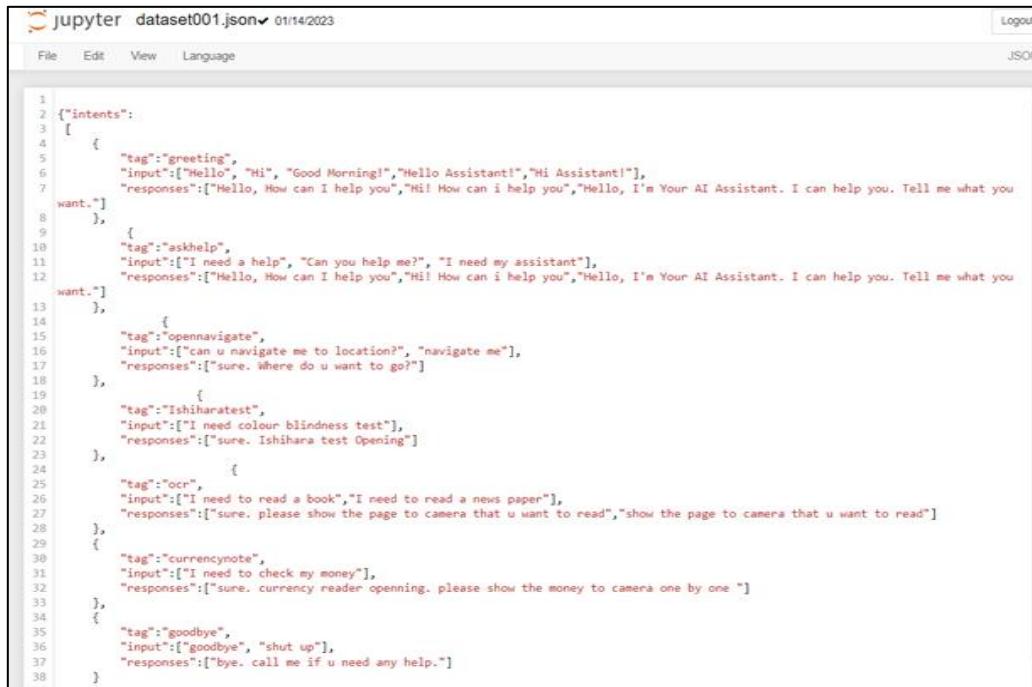
The screenshot shows a SharePoint document library titled "CDAPSubmissionCloud". The library is a private group with 2 members. The navigation path is "22-23JuneCloud > 22_23-J-83-Students > 1. Project Proposal > Presentation". The list view displays four items:

| Name | Modified | Modified By |
|-------------------------------------|--------------------|--------------------------|
| Edited proposal presentation | October 20, 2022 | Amarasinghe A.D it191336 |
| 22_23-J-83 - Third Eye.pptm | October 13, 2022 | Costa M.C.J. it17088138 |
| Proposal-Presentation-Template.potm | September 27, 2022 | CDAP SLIJT |

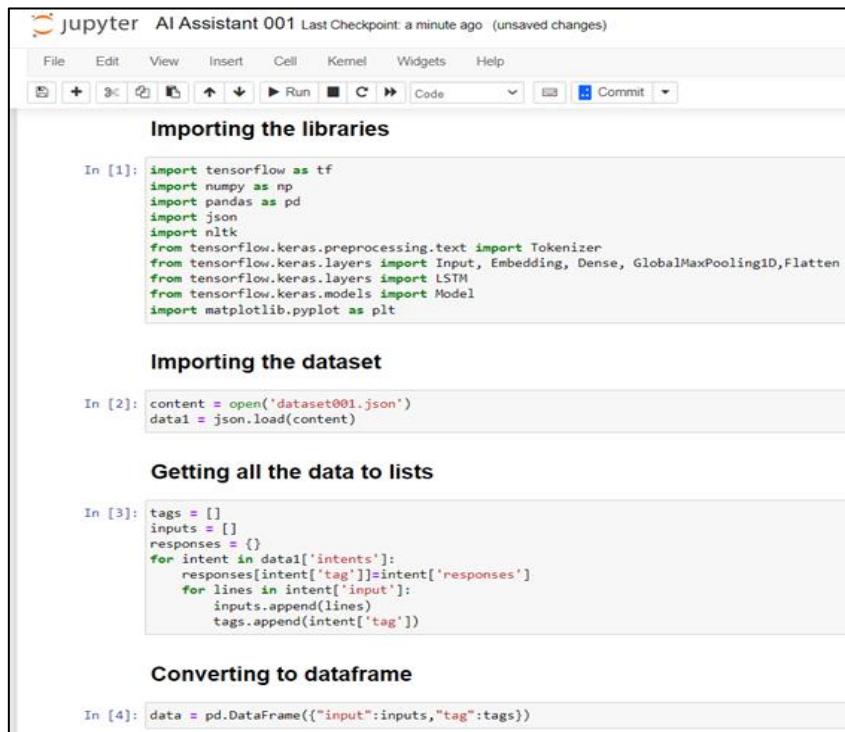
The screenshot shows a SharePoint document library titled "CDAPSubmissionCloud". The library is a private group with 2 members. The navigation path is "22-23JuneCloud > 22_23-J-83-Students > 3. Progress Presentation - 1 > Presentation". The list view displays two items:

| Name | Modified | Modified By |
|---------------------|----------------------|--------------------------|
| 22_23-J-83 PP1.pptx | Yesterday at 7:20 AM | Amarasinghe A.D it191336 |
| ReadMe.txt | September 27, 2022 | CDAP SLIJT |

2. Task Outputs



```
1 {"intents": 2 [ 3 { 4 "tag":"greeting", 5 "input":["Hello", "Hi", "Good Morning!","Hello Assistant!","Hi Assistant!"], 6 "responses":["Hello, How can I help you","Hi! How can i help you","Hello, I'm Your AI Assistant. I can help you. Tell me what you 7 want."]
8 },
9 {
10 "tag":"askhelp",
11 "input":["I need a help", "Can you help me?", "I need my assistant"],
12 "responses":["Hello, How can I help you","Hi! How can i help you","Hello, I'm Your AI Assistant. I can help you. Tell me what you 13 want."]
14 },
15 {
16 "tag":"opennavigate",
17 "input":["can u navigate me to location?", "navigate me"],
18 "responses":["sure. Where do u want to go?"]
19 },
20 {
21 "tag":"ishiharatest",
22 "input":["I need colour blindness test"],
23 "responses":["sure. Ishihara test Opening"]
24 },
25 {
26 "tag":"ocr",
27 "input":["I need to read a book","I need to read a news paper"],
28 "responses":["sure. please show the page to camera that u want to read","show the page to camera that u want to read"]
29 },
30 {
31 "tag":"currencynote",
32 "input":["I need to check my money"],
33 "responses":["sure. currency reader opening. please show the money to camera one by one "]
34 },
35 {
36 "tag":"goodbye",
37 "input":["goodbye", "shut up"],
38 "responses":["bye. call me if u need any help."]
}
```



Importing the libraries

```
In [1]: import tensorflow as tf
import numpy as np
import pandas as pd
import json
import nltk
from tensorflow.keras.preprocessing.text import Tokenizer
from tensorflow.keras.layers import Input, Embedding, Dense, GlobalMaxPooling1D, Flatten
from tensorflow.keras.layers import LSTM
from tensorflow.keras.models import Model
import matplotlib.pyplot as plt
```

Importing the dataset

```
In [2]: content = open('dataset001.json')
data1 = json.load(content)
```

Getting all the data to lists

```
In [3]: tags = []
inputs = []
responses = {}
for intent in data1['intents']:
    responses[intent['tag']] = intent['responses']
    for lines in intent['input']:
        inputs.append(lines)
        tags.append(intent['tag'])
```

Converting to dataframe

```
In [4]: data = pd.DataFrame({"input":inputs,"tag":tags})
```

Compiling the model

```
In [12]: model.compile(loss="sparse_categorical_crossentropy",optimizer='adam',metrics=['accuracy'])
```

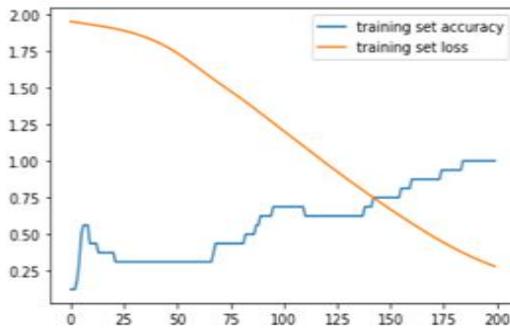
Training the model

```
In [13]: train = model.fit(x_train,y_train,epochs=200)
1/1 [=====] - 0s 0s/step - loss: 0.4189 - accuracy: 0.9375
Epoch 180/200
1/1 [=====] - 0s 17ms/step - loss: 0.4112 - accuracy: 0.9375
Epoch 181/200
1/1 [=====] - 0s 0s/step - loss: 0.4036 - accuracy: 0.9375
Epoch 182/200
1/1 [=====] - 0s 0s/step - loss: 0.3961 - accuracy: 0.9375
Epoch 183/200
1/1 [=====] - 0s 17ms/step - loss: 0.3887 - accuracy: 0.9375
Epoch 184/200
1/1 [=====] - 0s 0s/step - loss: 0.3815 - accuracy: 0.9375
Epoch 185/200
1/1 [=====] - 0s 0s/step - loss: 0.3743 - accuracy: 1.0000
Epoch 186/200
1/1 [=====] - 0s 17ms/step - loss: 0.3673 - accuracy: 1.0000
Epoch 187/200
1/1 [=====] - 0s 5ms/step - loss: 0.3604 - accuracy: 1.0000
Epoch 188/200
1/1 [=====] - 0s 9ms/step - loss: 0.3536 - accuracy: 1.0000
Epoch 189/200
```

Plotting model accuracy

```
In [14]: plt.plot(train.history['accuracy'],label='training set accuracy')
plt.plot(train.history['loss'],label='training set loss')
plt.legend()
```

```
Out[14]: <matplotlib.legend.Legend at 0x24ea1e34910>
```



You : Hello Assistant!

```
1/1 [=====] - 0s 254ms/step
Third Eye : Hello, How can I help you
You : can u navigate me to location?
1/1 [=====] - 0s 16ms/step
Third Eye : sure. Where do u want to go?
You : I need to read a news paper
1/1 [=====] - 0s 14ms/step
Third Eye : sure. please show the page to camera that u want to read
You : I need colour blindness test
1/1 [=====] - 0s 14ms/step
Third Eye : sure. Ishihara test Opening
You : goodbye
1/1 [=====] - 0s 16ms/step
Third Eye : bye. call me if u need any help.
```

Free trial status: \$400.00 credit and 91 days remaining - with a full account, you'll get unlimited access to all of Google Cloud Platform.

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Google Cloud Third Eye func Search

Cloud Functions Function details EDIT DELETE COPY LEARN C

thirdeyeai 1st gen Version Version 10, deployed at Feb 2, 2023, 8:15:04 P...

METRICS DETAILS SOURCE VARIABLES TRIGGER PERMISSIONS LOGS TESTING

1 [{"msg": "hi"}] -d '{"msg": "hi"}'

CLOUD SHELL Terminal (third-eye-376605) Open Editor

```
Welcome to Cloud Shell! Type "help" to get started.  
Your Cloud Platform project in this session is set to third-eye-376605.  
Use "gcloud config set project [PROJECT_ID]" to change to a different project.  
dilshaniamarasinhge97@cloudshell:~ (third-eye-376605)$ curl -m 130 -X POST https://asia-south1-third-eye-376605.cloudfunctions.net/thirdeyeai  
> -H "Authorization: bearer $(gcloud auth print-identity-token)"  
> -H "Content-Type: application/json" \  
> -d '{"msg": "hi"}'  
{"msg": "Hello, How can I help you?"}dilshaniamarasinhge97@cloudshell:~ (third-eye-376605)$ curl -m 130 -X POST https://asia-south1-third-eye-376605.cloudfunctions.net/thirdeyeai -H "Authorization: bearer $(gcloud auth print-identity-token)" -H "Content-Type: application/json" -d '{"msg": "navigate me"}'  
{"msg": "sure. Where do u want to go?"}dilshaniamarasinhge97@cloudshell:~ (third-eye-376605)$
```

Free trial status: \$400.00 credit and 91 days remaining - with a full account, you'll get unlimited access to all of Google Cloud Platform.

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Google Cloud Third Eye Search / for resources, docs, products, and more

You're working in **Third Eye**

Project number: 853429710779 Project ID: third-eye-376605

Dashboard Recommendations

Create a VM Run a query in BigQuery Create a GKE cluster Create a storage bucket

Quick access

| | | | |
|----------------------------------|---------------------------------|-----------------------|--------------------------------|
| Third Eye | Third Eye | Third Eye | Third Eye |
| Functions - Cloud Functions... | thirdeyeai - Cloud Functions... | Cloud Storage Browser | Create function - Cloud Fun... |
| Third Eye | Third Eye | Third Eye | Third Eye |
| thirdeye-project - Bucket det... | APIs & Services | IAM & Admin | Billing |
| View all products | | | |

3. Gantt Chart

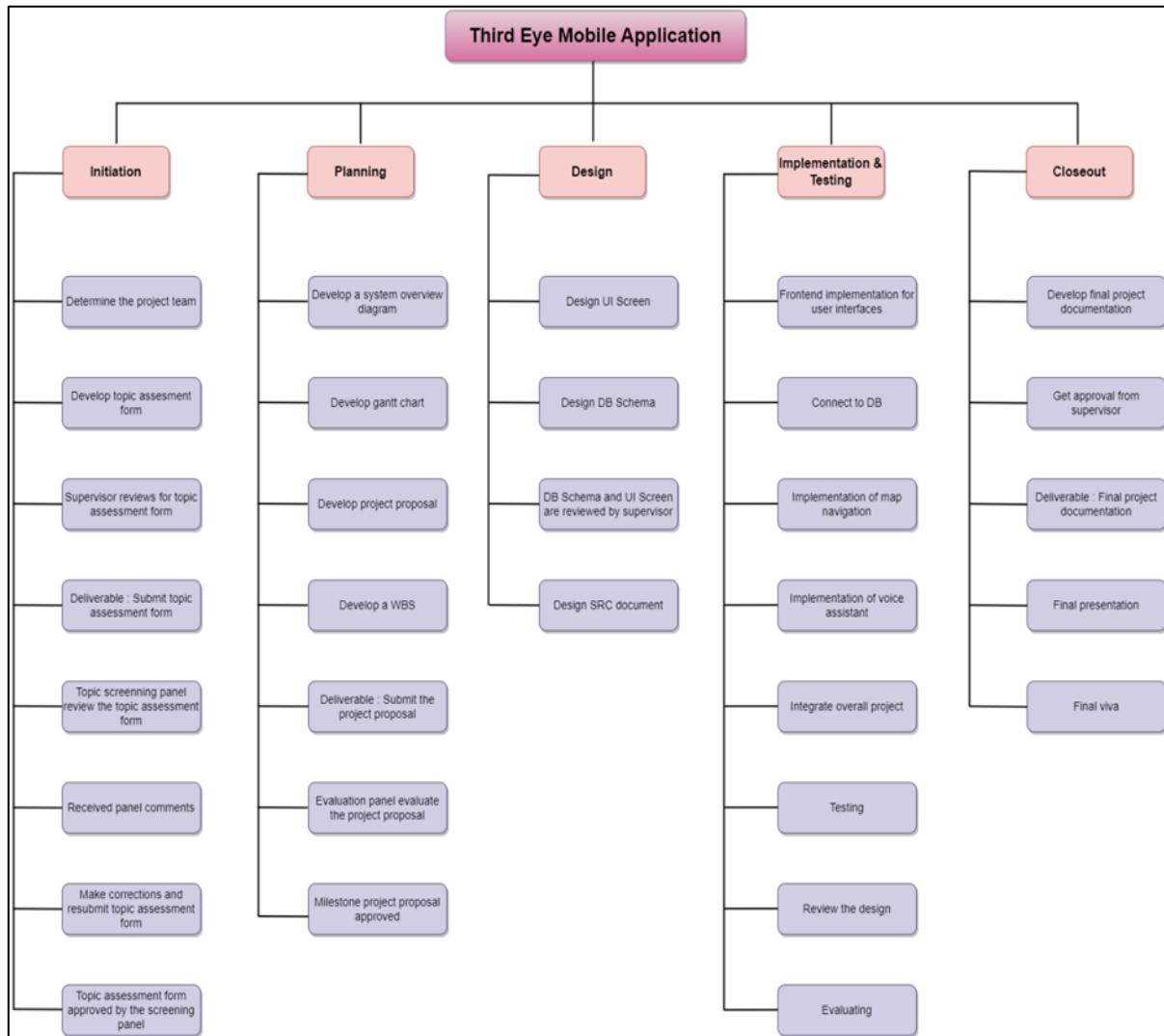
3.1 Initial Gantt Chart

| Tasks | 2022 | | | | | | | | | | | | 2023 | | | | | | | | | | | | |
|---|------|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|------|------|---|---|---|---|---|---|---|---|---|---|---|
| | May | June | July | August | September | October | November | December | January | February | March | April | May | June | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 |
| 1. Topic Selection | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1 Select a topic | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.2 Select a supervisor and a co supervisor | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.3 Get the supervisor approval | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4 Finalize the registration | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Topic Assessment | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1 Create topic assessment form | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.2 Create project charter document | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Project Proposal | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1 Create proposal document | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.2 Project proposal presentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Development | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1 Design and implementation | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Progress Presentation 1 (50%) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.1 Create presentation document | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.2 Status document 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.3 Progress presentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Research Paper | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.1 Create research paper | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. Progress Presentation 2 (90%) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.1 Create presentation document | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.2 Progress presentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. Integration and Testing | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.1 Integrate the system | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.2 Unit and integration testing | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. Final Report Submission | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.1 Create and submit final report | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.2 Final report feedback submission | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.3 Website assessment | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.4 Final report (soft bound) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.5 Status document 2 and log book | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. Final Presentation and Viva | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.1 Create and submit final report | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.2 Final presentation and viva (100%) | | | | | | | | | | | | | | | | | | | | | | | | | |

3.2 Updated Gantt Chart

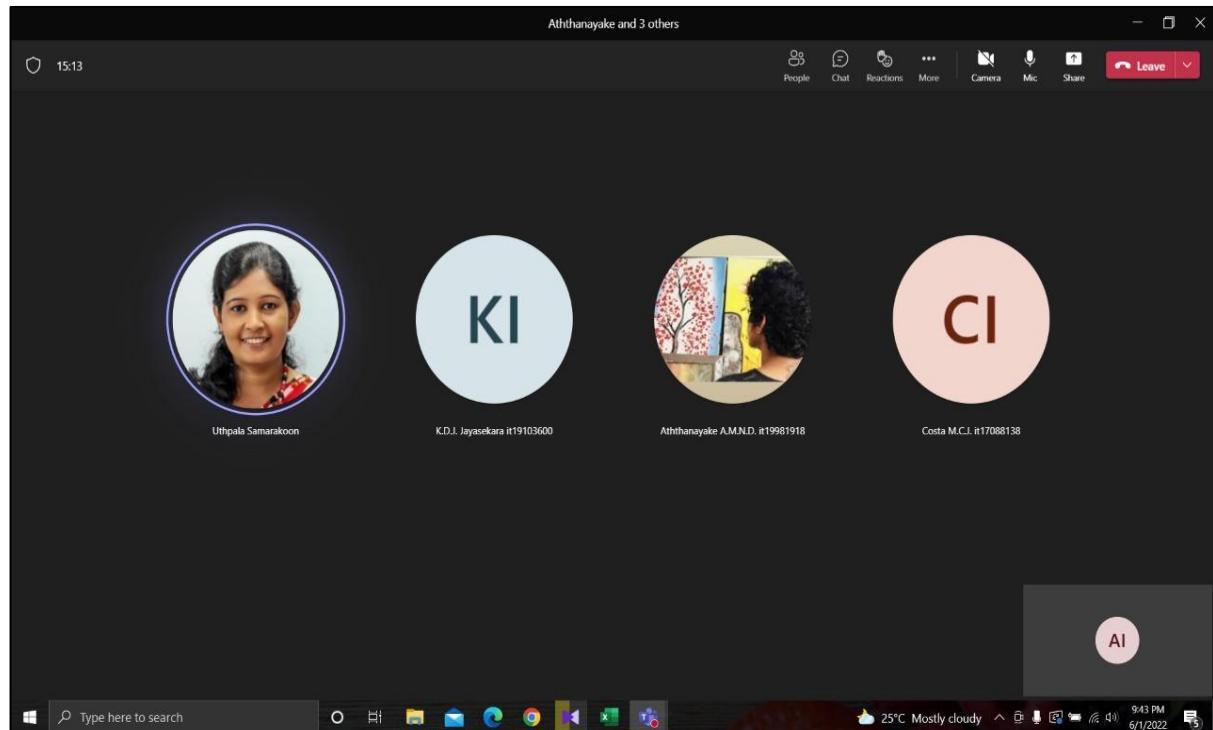
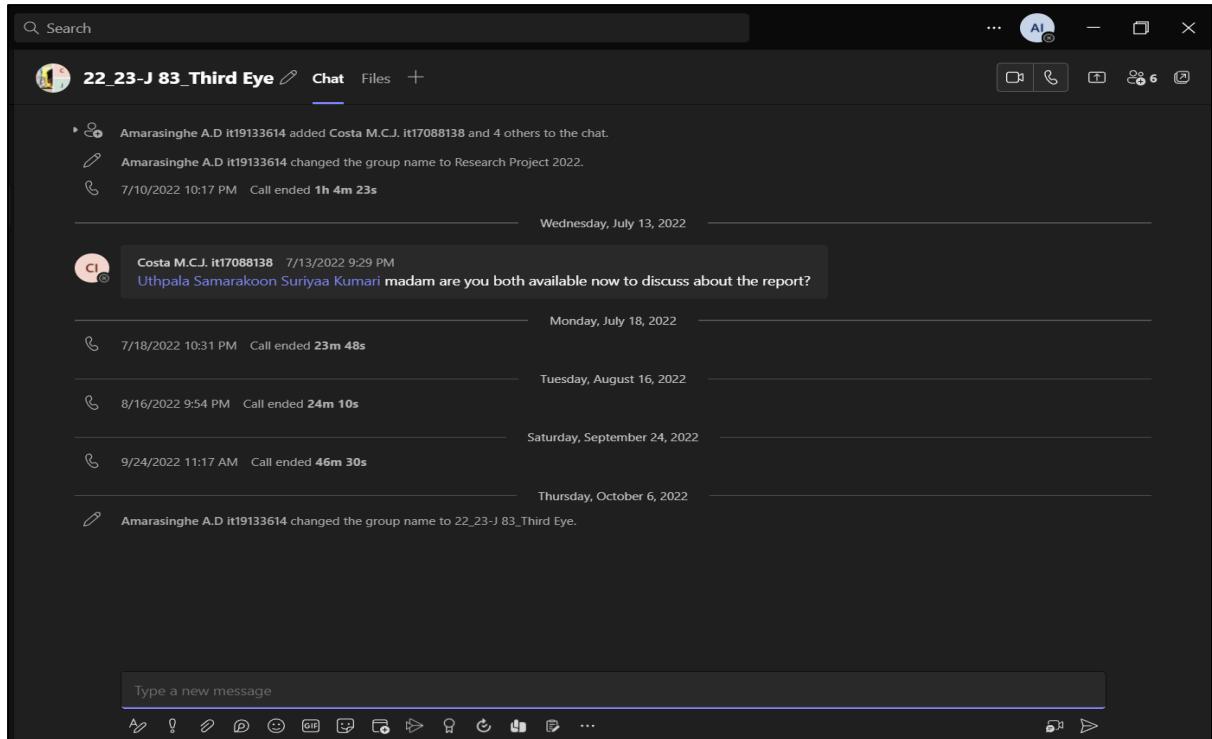
| Tasks | 2022 | | | | | | | | | | | | 2023 | | | | | | | | | | | | |
|---|------|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|------|------|---|---|---|---|---|---|---|---|---|---|---|
| | May | June | July | August | September | October | November | December | January | February | March | April | May | June | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 |
| 1. Topic Selection | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1 Select a topic | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.2 Select a supervisor and a co supervisor | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.3 Get the supervisor approval | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.4 Finalize the registration | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Topic Assessment | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1 Create topic assessment form | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.2 Create project charter document | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Project Proposal | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1 Create proposal document | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.2 Project proposal presentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Development | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1 Design and implementation | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Progress Presentation 1 (50%) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.1 Create presentation document | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.2 Status document 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.3 Progress presentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Research Paper | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.1 Create research paper | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. Progress Presentation 2 (90%) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.1 Create presentation document | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.2 Progress presentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. Final Report Submission | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.1 Create and submit final report | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.2 Final report feedback submission | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.3 Website assessment | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.4 Final report (soft bound) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.5 Status document 2 and log book | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. Final Presentation and Viva | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.1 Create and submit final report | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.2 Final presentation and viva (100%) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. Research Paper | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.1 Create research paper | | | | | | | | | | | | | | | | | | | | | | | | | |

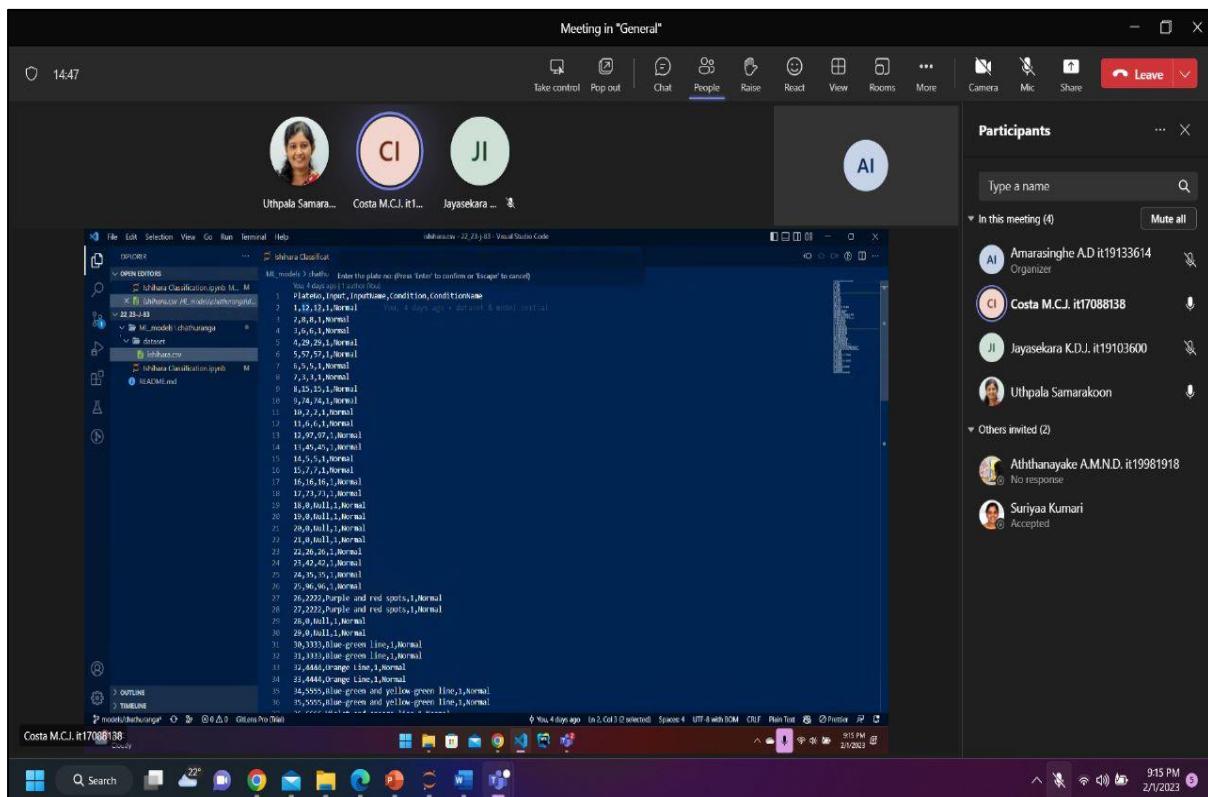
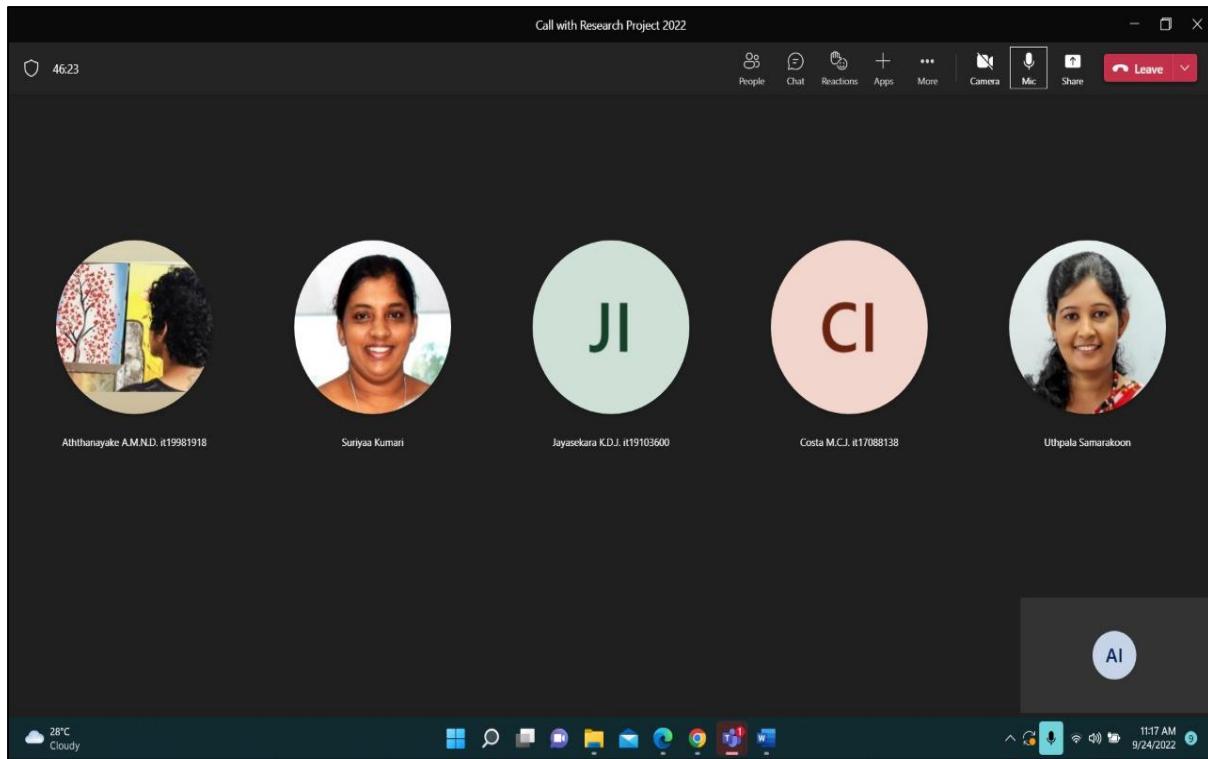
4. Work Breakdown Structure



5. Project Management

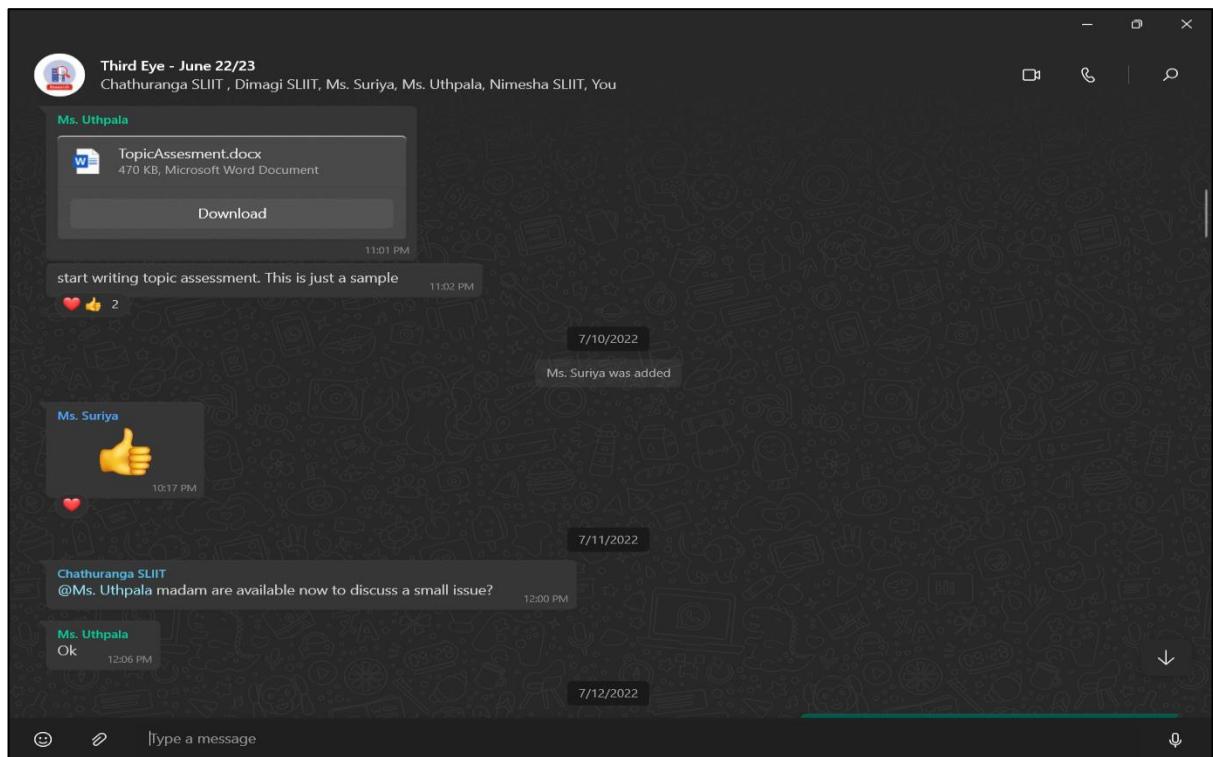
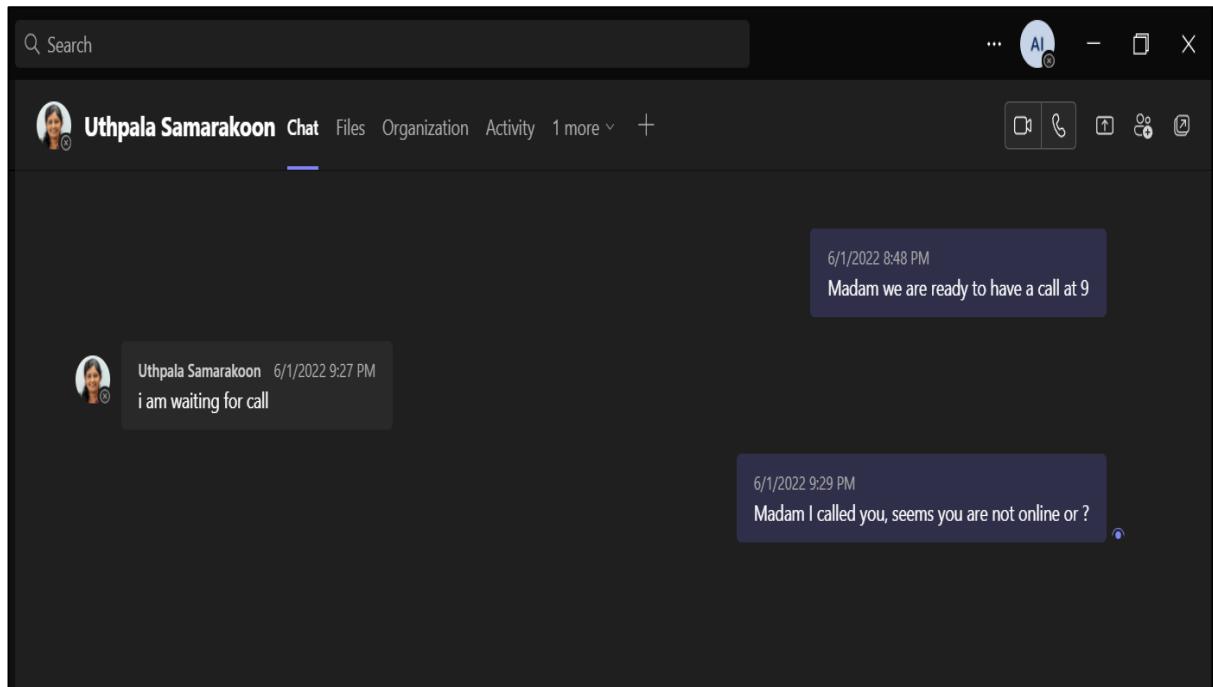
5.1 Supervisor meetings, calls and messages from Teams and WhatsApp

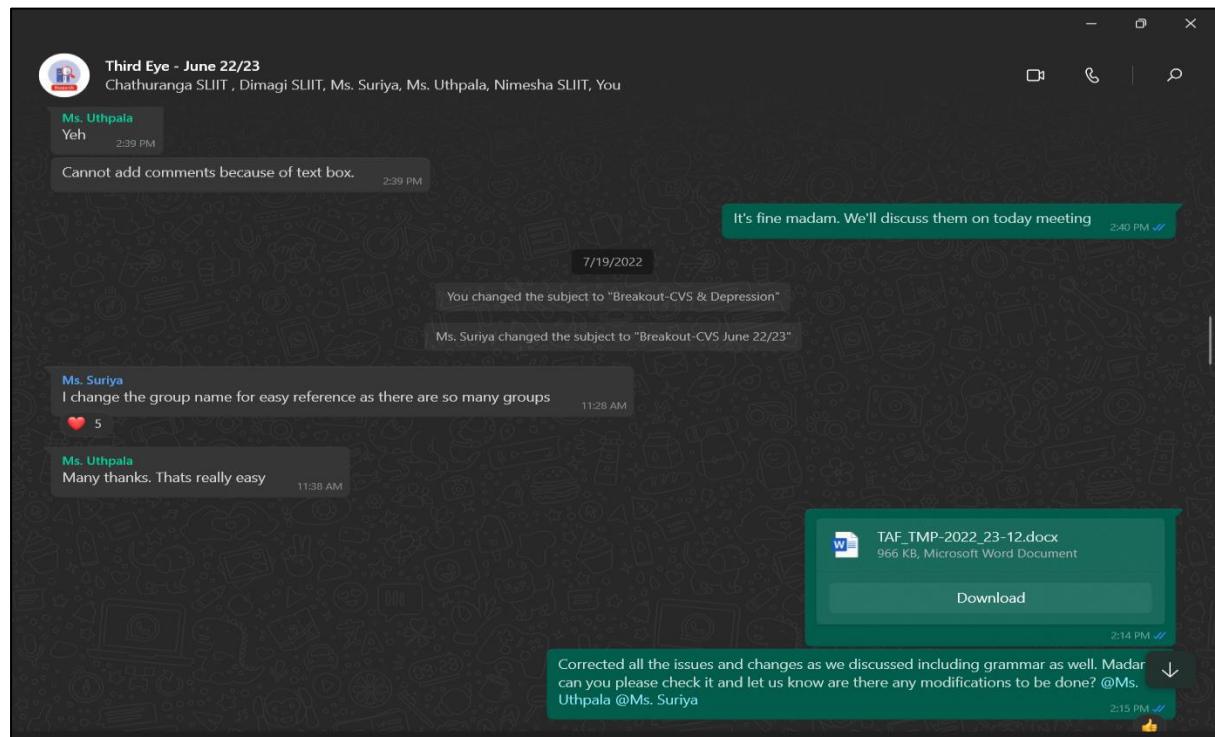
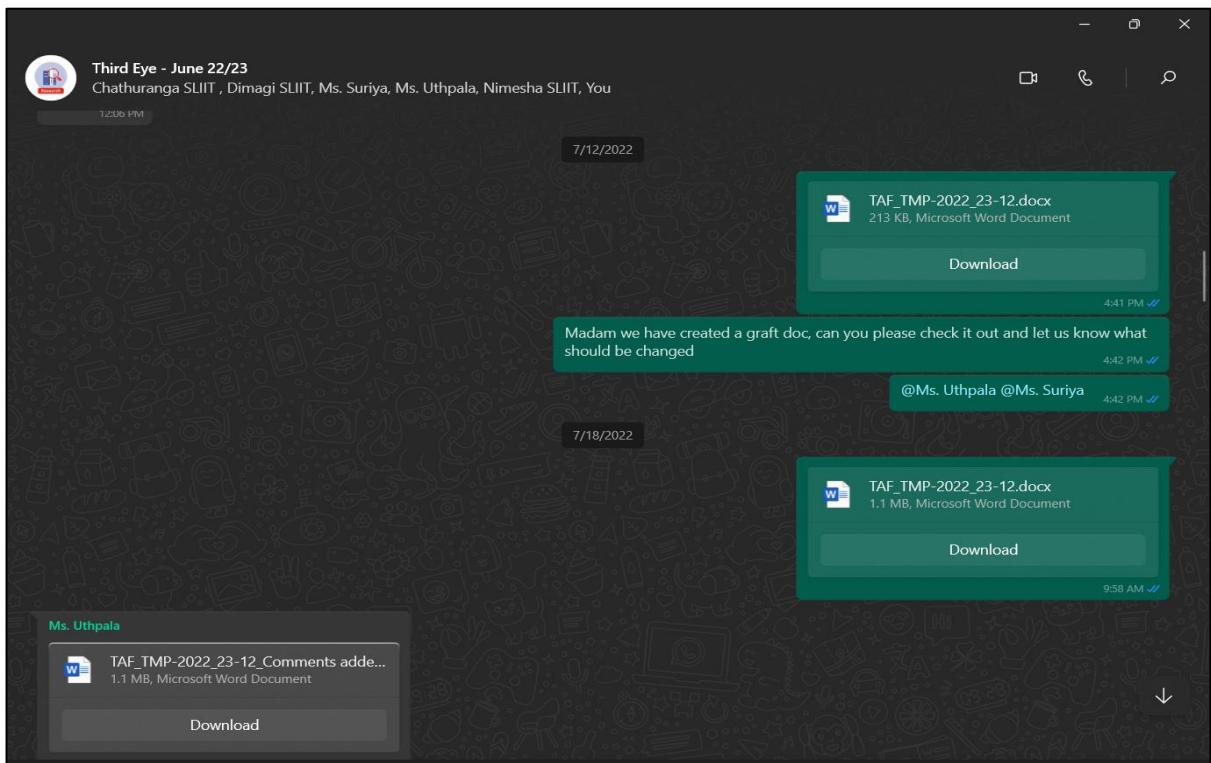




The screenshot shows the Microsoft Teams interface. On the left, the sidebar includes 'Activity', 'Chat', 'Teams' (selected), 'Assignments', 'Calendar', 'Calls', 'Files', 'Apps', and 'Help'. The main area displays the 'General' channel of the team '22_23-J 83_Third Eye'. A 'Planner' tab is open, showing a message from 'Costa M.C.J. It7088138' dated 10/6/2022 at 10:33 PM: 'I added a tab at the top of this channel. Check it out!'. Below this is a message from 'Unknown User' dated 1/31 12:54 PM: 'Progress Presentation 1 discussion to demonstrate the implemented components and the presentation slides.' A blue highlighted message from 'Progress: Presentation 1 Discussion' dated Wednesday, February 1, 2023 @ 9:00 PM is shown. The message content is: 'Meeting in "General" started'. A message from 'Uthpala Samarakoon' dated 2/1 9:40 PM is also visible. At the bottom, there is a 'New conversation' button.

The screenshot shows a Microsoft Teams chat window. The top bar includes 'Search', 'AI', and various icons. The contact list shows 'Suriyaa Kumari' (selected). The main chat area has a message from '7/10/2022 11:02 AM': 'Madam, I am a member of Ms. Uthpala's group that I asked you to be our co supervisor. I think you can remember me 😊'. A response follows: 'Madam we have come up with 4 functions regarding our research area, we want to discuss the technology and ML sides related to them. So it would be glad if you can give us a time to arrange a meeting within today'. Another message: 'And also madam, I would be glad if you can give your personal no to add to the WhatsApp group 😊'. A message from 'Suriyaa Kumari' dated 7/10/2022 12:28 PM: 'Can you call me after 1pm'. A response: 'Bit busy right now'. A final message from 'Suriyaa Kumari' dated 7/10/2022 1:16 PM: 'Its ok. My number is 0773640395'. A message from '7/10/2022 12:51 PM': 'Ok madam, sure I will, sorry for the disturbance 😊'.





Third Eye - June 22/23
Chathuranga SLIIT , Dimagi SLIIT, Ms. Suriya, Ms. Uthpala, Nimesha SLIIT, You

Ms. Suriya
Content now seems ok. Please send the document to get the email endorsement

Please clearly mention the email subject according to the given format - please refer the courseweb

3:03 PM

I have sent an email to Ms. Uthpala and CC to Ms. Suriya. 4:06 PM ✓

Ms. Suriya
In the email subject you have to mention the topic as well.

Please check the given guideline in the courseweb 4:07 PM

Ok madam, I will send it again 4:09 PM ✓

Ms. Suriya
My endorsement sent 😊 7:33 PM

3

Yes madam. Thank you ❤️ 7:34 PM ✓

7/20/2022

TAF_TMP-2022_23-12.docx
1.3 MB, Microsoft Word Document

Download

9:46 AM

Here's the final document

Third Eye - June 22/23
Chathuranga SLIIT , Dimagi SLIIT, Ms. Suriya, Ms. Uthpala, Nimesha SLIIT, You

What is your topic assessment decision 8:55 AM

Madam it needed to resubmit with major issues 9:09 AM ✓

Forwarded

TAF_TMP-2022_23-12.docx
1.3 MB, Microsoft Word Document

Download

9:09 AM ✓

Ms. Suriya

You
Madam it needed to resubmit with major issues

Is that soo 9:10 AM

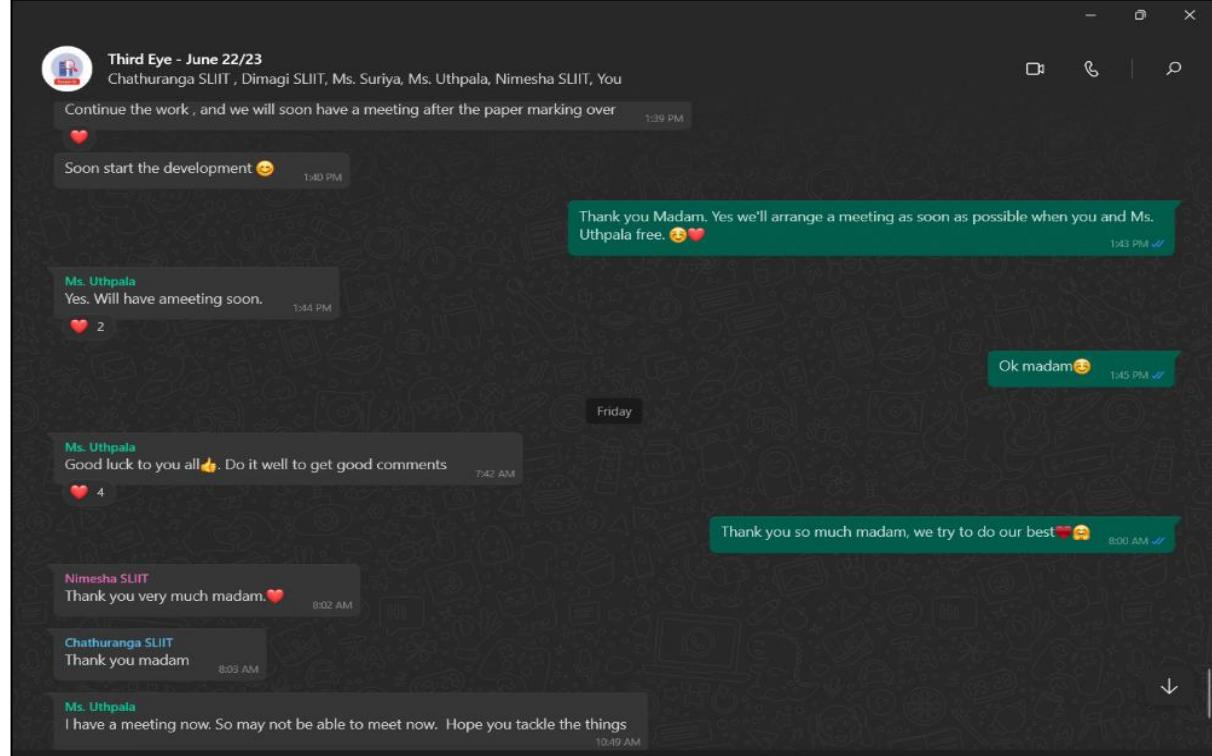
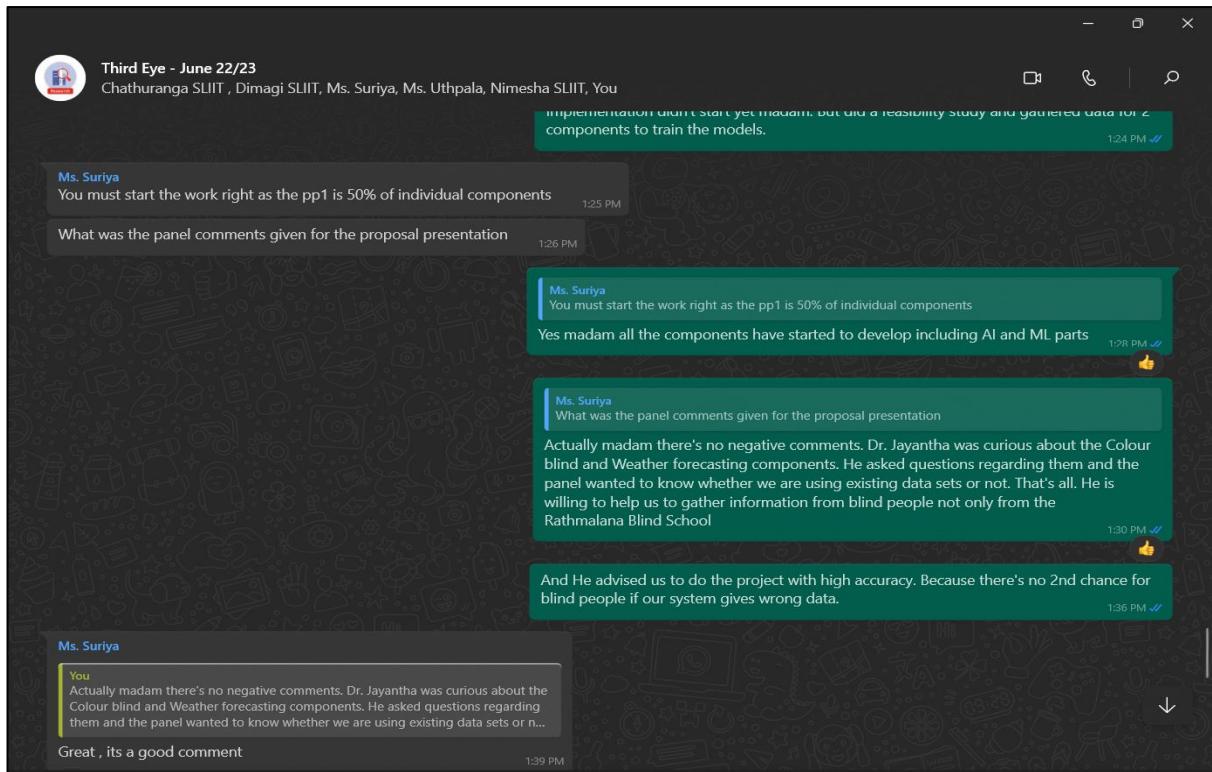
You
TAF_TMP-2022_23-12.docx

Yes madam, according to the panel's comments, the scope of 3 members is not enough for a research components 9:11 AM ✓

Ms. Suriya
You have to immediately talk with the ms.rehka and find more about the related factors 9:14 AM

The panel says research scope not enough 9:14 AM

Member 1 9:14 AM



5.2 Group meetings, calls and messages from Teams and WhatsApp

The screenshot shows a WhatsApp group chat interface. At the top, the group name 'We 4 - Research Group' is visible along with a profile picture. Below the header, there's a list of recent messages:

- Amarasinghe A.D it19133614 added Aththanayake A.M.N.D. it19981918 and 2 others to the chat.
- Amarasinghe A.D it19133614 changed the group name to Research Group - We 4.
- 7/11/2022 10:45 PM Call started

Below these messages, a call summary is shown:

7/11/2022 11:51 PM Call ended 1h 6m 59s

Wednesday, July 13, 2022

7/13/2022 10:35 PM Call started

Costa M.C.J. it17088138 7/13/2022 10:40 PM
<https://www.sciencedirect.com/science/article/pii/S1877042813054335>

<https://www.mdpi.com/1660-4601/16/19/3584/htm>

Long-Term Symptoms of Mobile Phone Use on ...
This study aimed to compare the mean scores of mobile phone use, mobile phone addiction, and depressive...
www.mdpi.com

<https://akjournals.com/view/journals/2006/9/3/article-p551.xml>

The screenshot shows a WhatsApp group chat interface. At the top, the group name 'We 4 - Research Group' is visible along with a profile picture. Below the header, there's a list of recent messages:

Costa M.C.J. it17088138 7/18/2022 10:46 PM
<https://www.bibme.org/ieee-with-url/website-citation/new>


BibMe: Generate IEEE (with URL) website citation...
BibMe lets you easily and automatically create website citations and build your bibliography in IEEE (with URL). It'...
www.bibme.org

<https://www.bibme.org/ieee-with-url/website-citation>

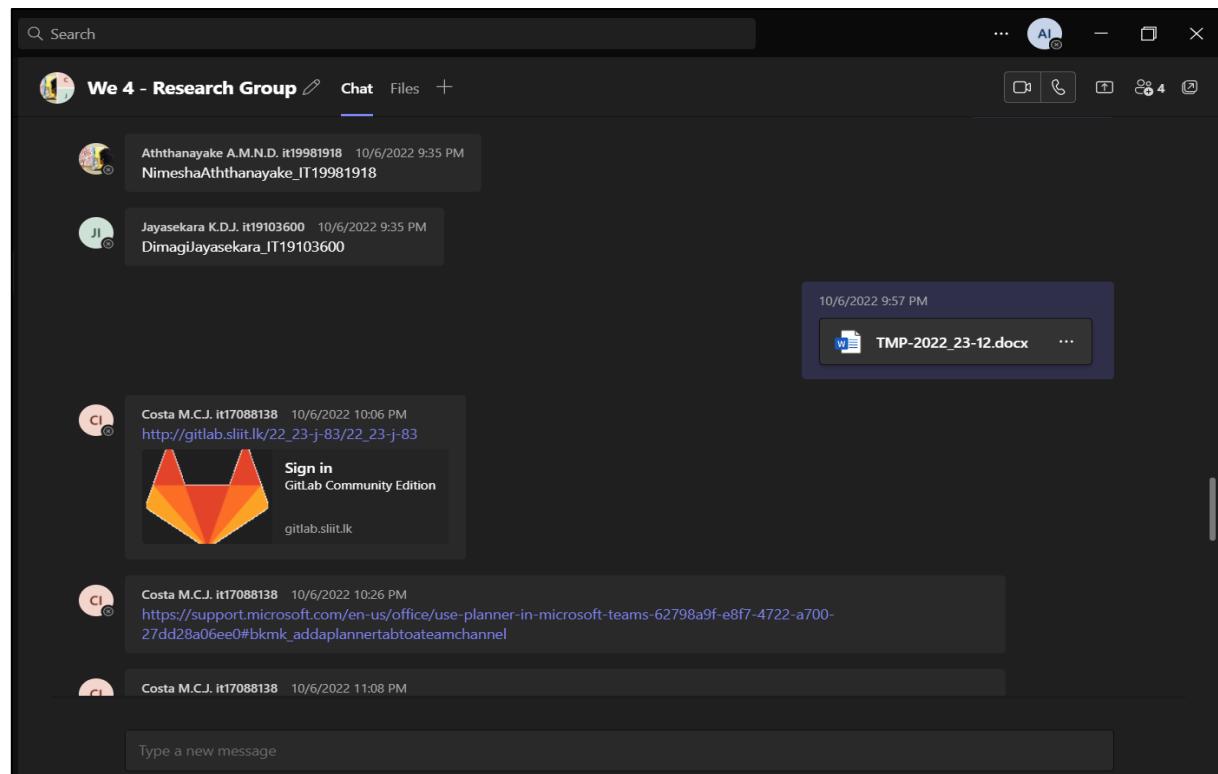
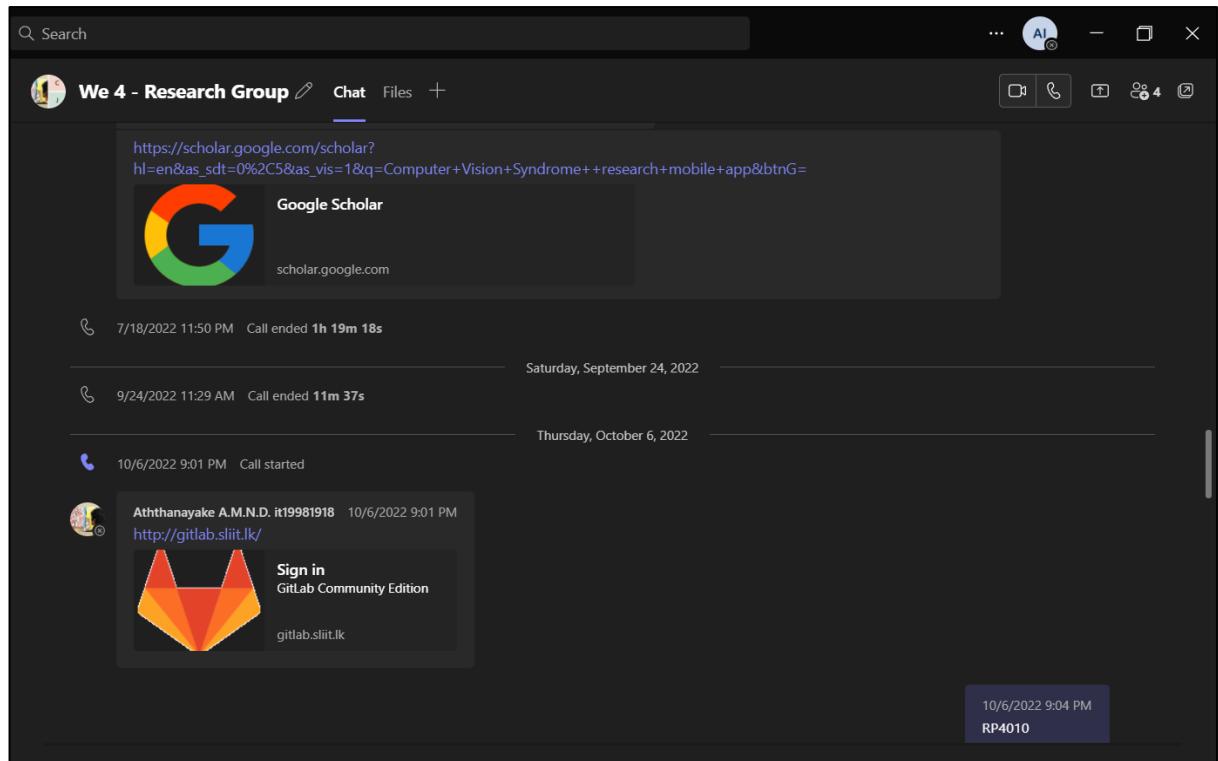

BibMe: Generate IEEE (with URL) website citation...
BibMe lets you easily and automatically create website citations and build your bibliography in IEEE (with URL). It'...
www.bibme.org

Aththanayake A.M.N.D. it19981918 7/18/2022 10:54 PM
<https://ieeexplore.ieee.org/abstract/document/8787406>


Mobile Mental Health: A Review of Applications...
Depression is a mental disorder characterized by persistent sadness, loss of interest, and a set of behavioral changes....
ieeexplore.ieee.org

<https://www.sciencedirect.com/science/article/abs/pii/S088394171630317X>


Use of Computer and Mobile Technologies in th...
Major depression (MDD) is a common and disabling disorder. Research has shown that most people with MDD



Search

We 4 - Research Group Chat Files +

 https://support.microsoft.com/en-us/office/use-planner-in-microsoft-teams-62798a9f-e8f7-4722-a700-27dd28a06ee0#bkmk_addaplanertabtoteamchannel

 Costa M.C.J. it17088138 10/6/2022 11:08 PM
<https://mysliit.sharepoint.com/sites/CDAPSubmissionCloud/2223JuneCloud/Forms/AllItems.aspx?id=%2Fsites%2FCDAPSubmissionCloud%2F2223JuneCloud%2F22%5F23%2DJ%2D83%2DStudents&viewid=cd1630e5%2D1b2a%2D4444%2Daf18%2D8f66366000c1>

10/6/2022 11:30 PM Call ended 2h 29m 21s

Sunday, October 16, 2022

 Aththanayake A.M.N.D. it19981918 10/16/2022 9:03 PM
gmuda cll ekk

10/16/2022 9:06 PM Call started

 Costa M.C.J. it17088138 10/16/2022 11:21 PM
http://4.bp.blogspot.com/_4dloC40IMEs/S-ybU4J0mVl/AAAAAAAACCI/VAfeuUFsvuw/S1600-R/Daltonize.png

 Costa M.C.J. it17088138 10/16/2022 11:40 PM
Faster R-CNN

Monday, October 17, 2022

10/17/2022 12:18 AM Call ended 3h 12m 20s

Search

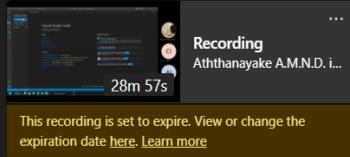
We 4 - Research Group Chat Files +

 Sign in
GitLab Community Edition
gitlab.sliit.lk

 1/28 6:22 PM Recording has started

 1/28 6:51 PM Call ended 1h 7m 57s

 1/28 6:51 PM Recording has stopped. Saving recording...


This recording is set to expire. View or change the expiration date [here](#). [Learn more](#)

Aththanayake A.M.N.D. it19981918 changed the group name to We 4 - Research Group.

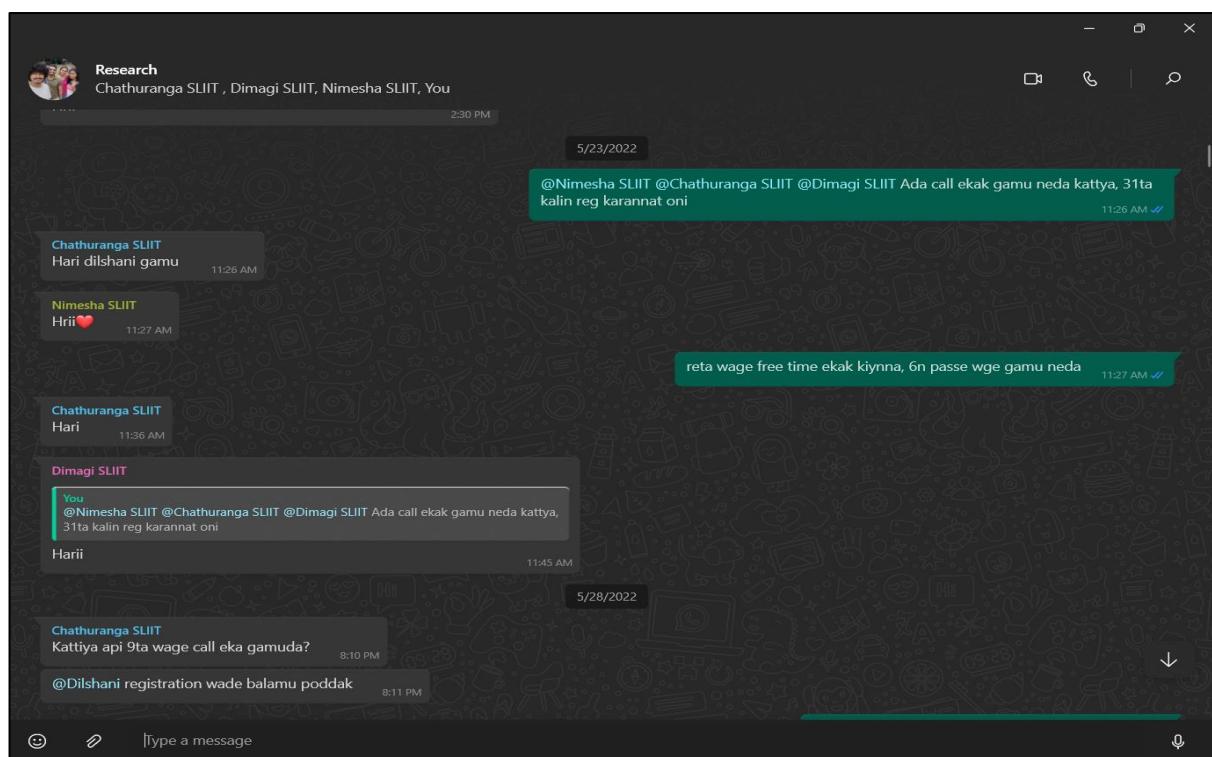
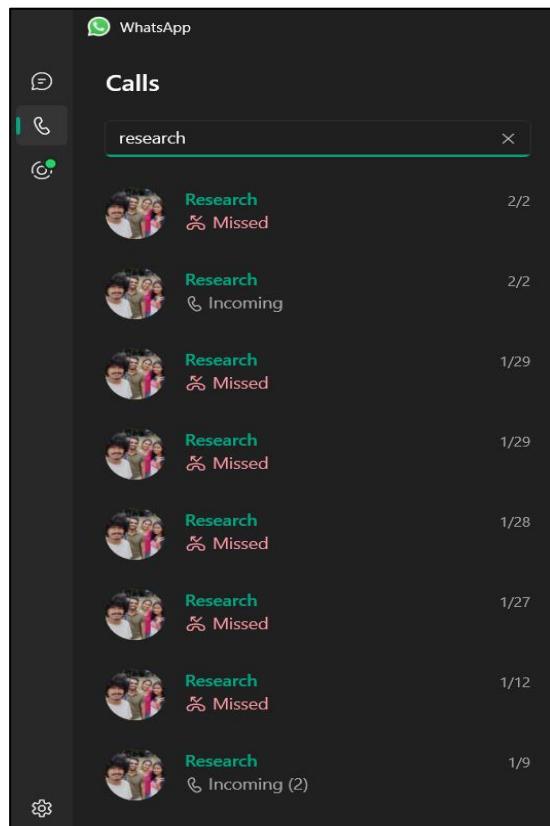
Sunday, January 29

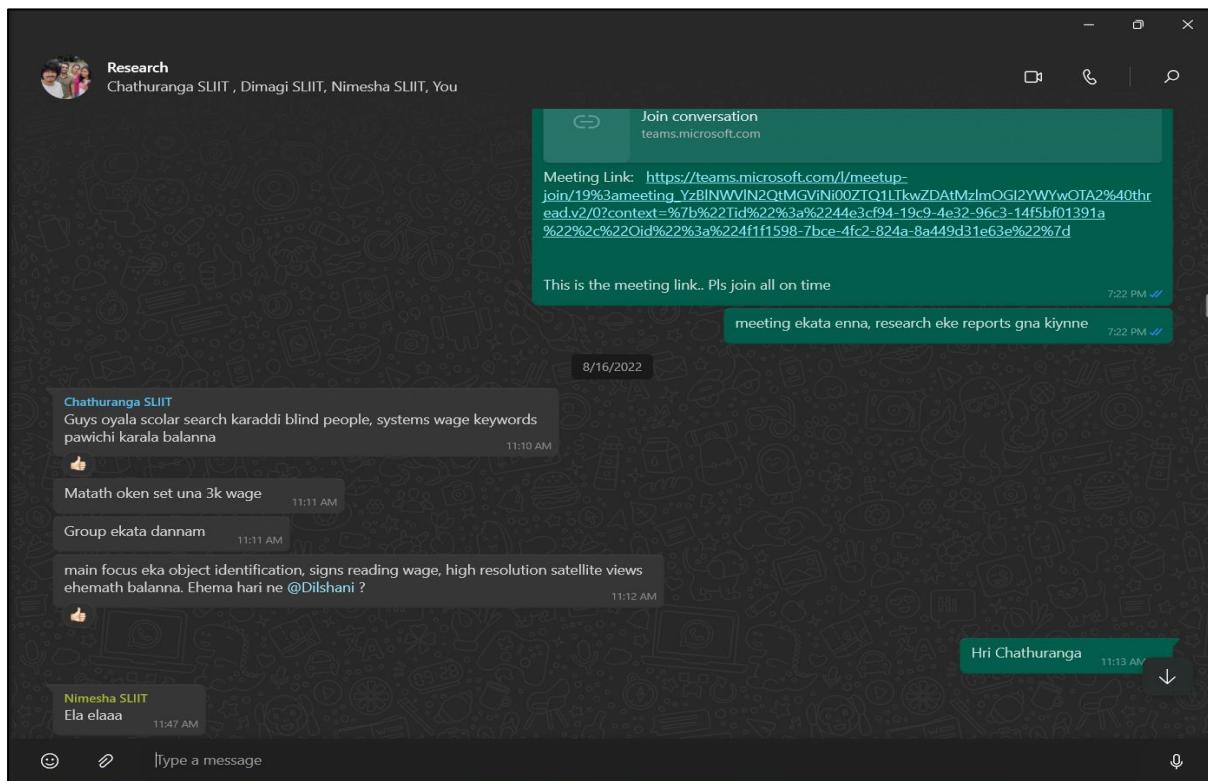
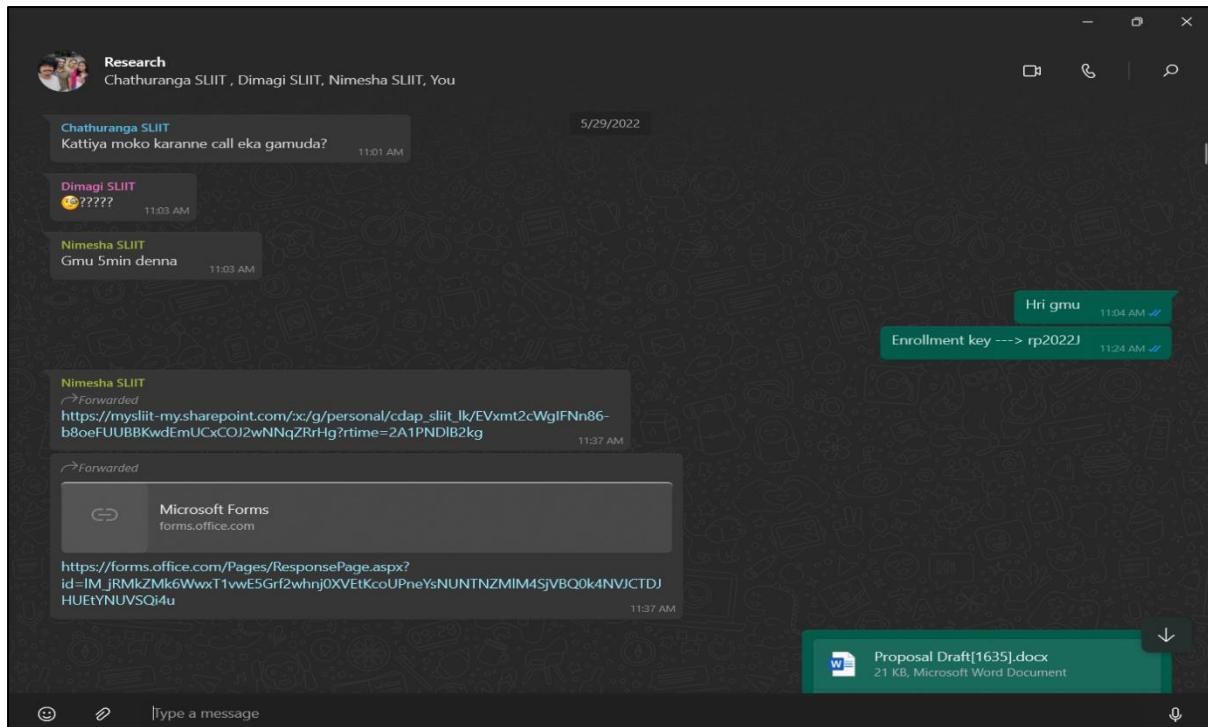
1/29 10:30 PM Call ended 1h 39m 16s

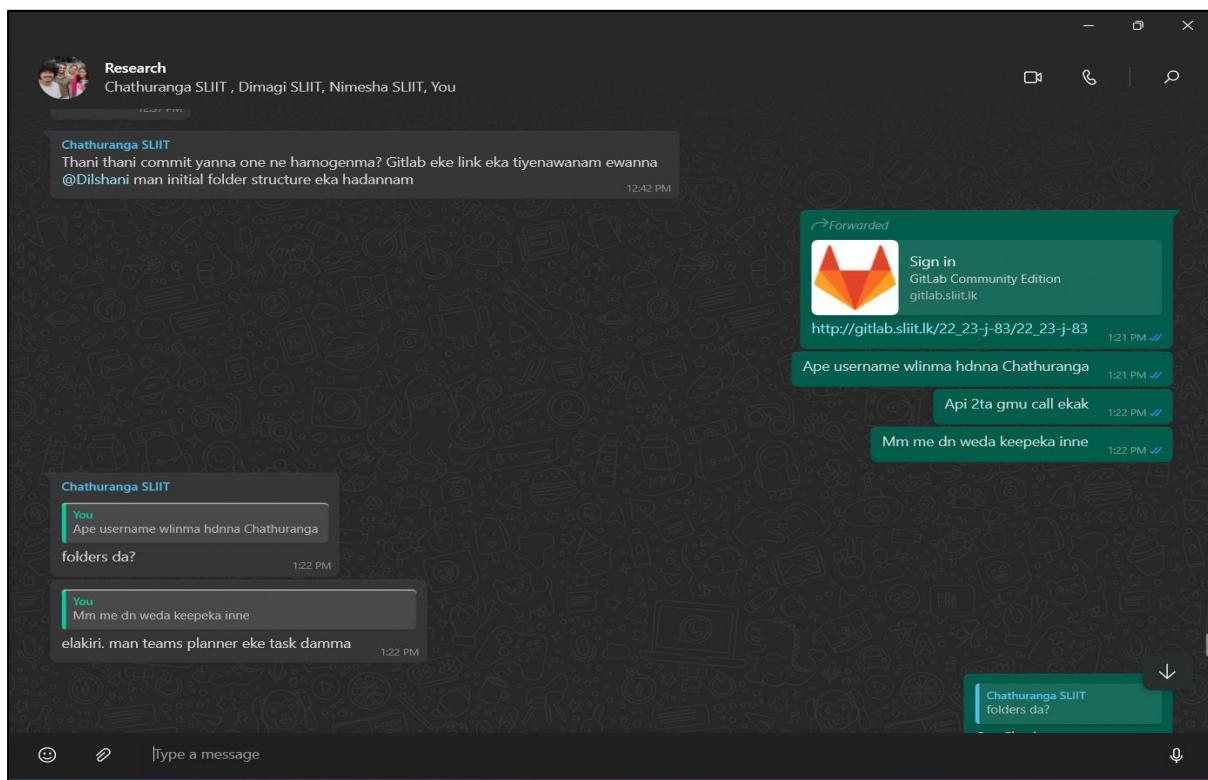
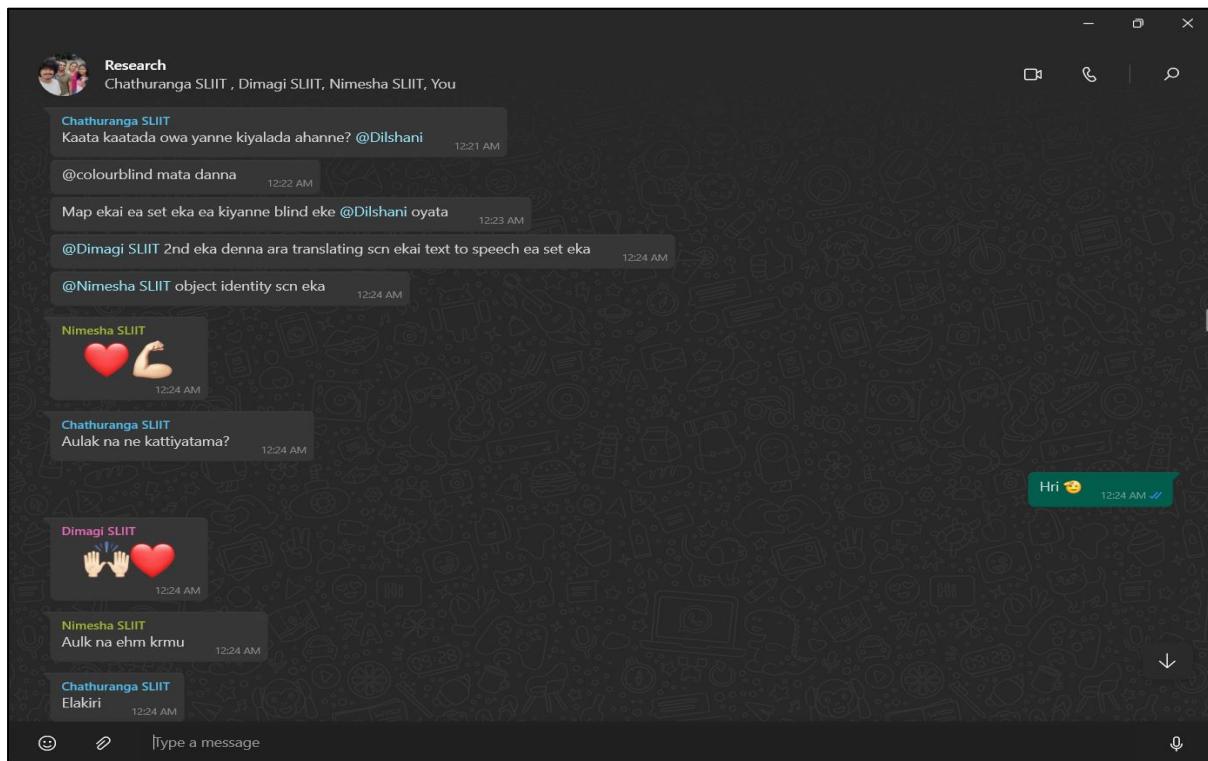
Wednesday, February 1

 2/1 9:49 PM Call ended 1m 8s

 2/1 11:41 PM Call ended 1h 14m 40s







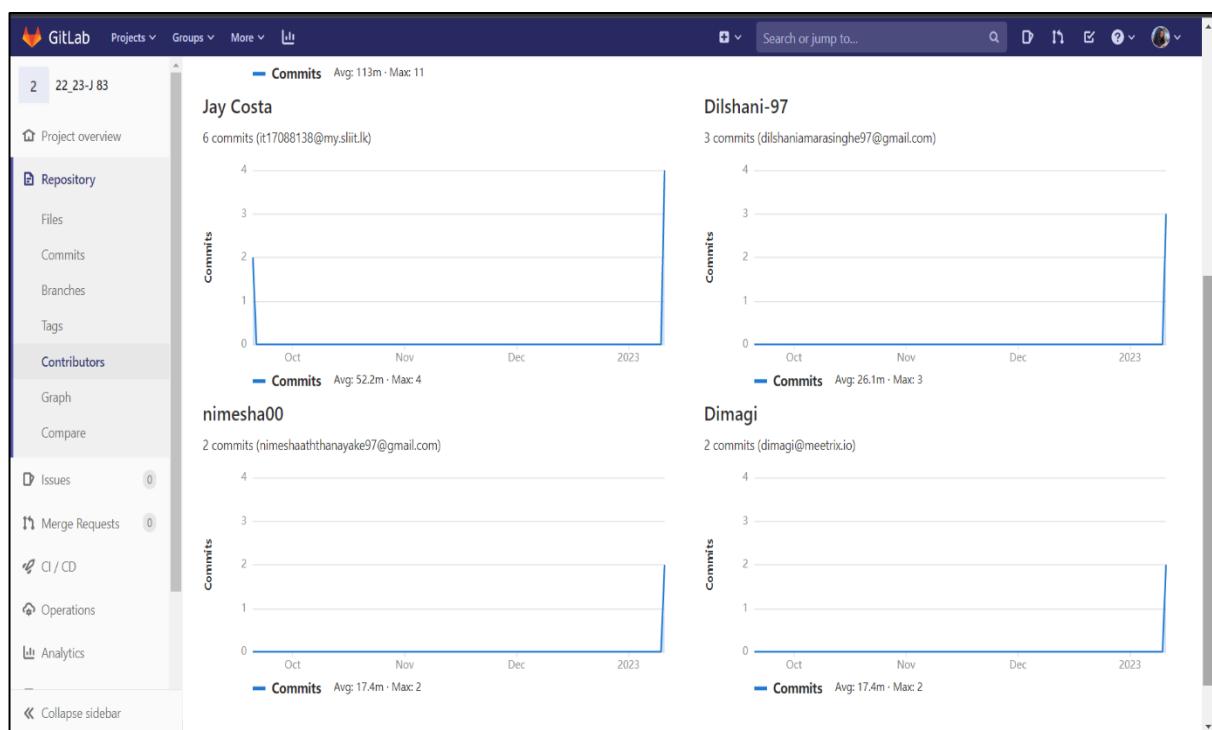
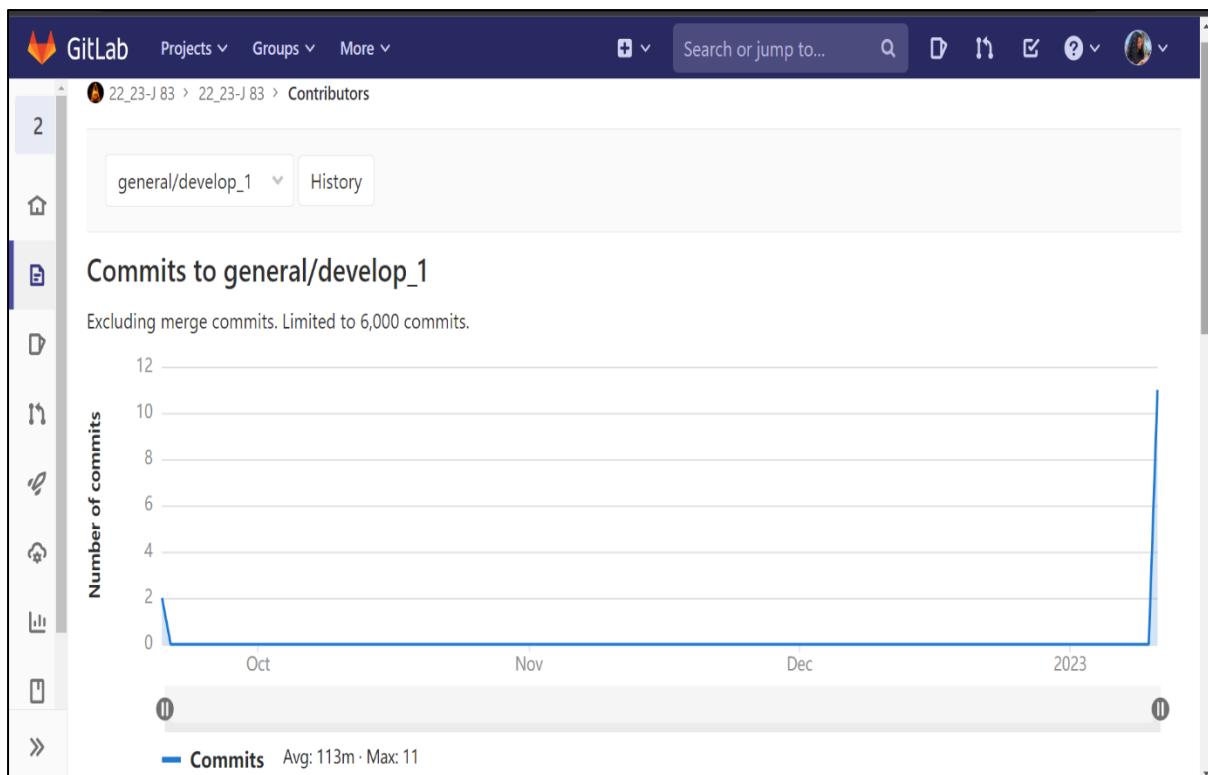
5.3 GitLab Contribution

The screenshot shows the GitLab interface for project 22_23-J_83. The sidebar on the left includes options like Project overview, Repository (selected), Commits, Branches, Tags, Contributors, Graph, Compare, Issues (0), Merge Requests (0), CI / CD, Operations, Analytics, and Collapse sidebar. The main area displays a list of commits from January 28, 2023:

- Merge remote-tracking branch 'origin/general/develop_1' into models/dilshani (f6e2e19b) - Dilshani-97 authored 1 week ago
- Merge branch 'models/nimesha' into 'general/develop_1' (7e5c22e8) - Chathuranga Costa authored 1 week ago
- Model path updated (724efbb3) - Dilshani-97 authored 1 week ago
- Voice assistant model init (6841129a) - Dilshani-97 authored 1 week ago
- Voice assistant dataset init (78c707b6) - Dilshani-97 authored 1 week ago
- object detection model init (7c8820be) - nimesha00 authored 1 week ago
- Merge branch 'models/dimagi' into 'general/develop_1' (e8cbe38b) - Chathuranga Costa authored 1 week ago
- currency identifier model (0601b9c9) - Dimagi authored 1 week ago
- dataset added for currency identifier (49ba64c5) - Dimagi authored 1 week ago

The screenshot shows the GitLab interface for project 22_23-J_83. The sidebar on the left includes options like Project overview (selected), Activity, Releases, Repository, Issues (0), Merge Requests (0), CI / CD, Operations, Wiki, Snippets, Settings, and Collapse sidebar. The main area displays a timeline of activity:

- Nimesha Dilnuwan Aththanayake (@NimeshaAththanayake_IT19981918)
 - Pushed to branch models/nimesha (c0a1c403 · yolov4-tiny added)
 - Pushed to branch models/nimesha (acf8a2e8 · Merge branch 'models/dilshani' into 'general/develop_1' ... and 5 more commits. Compare 7c8820be...acf8a2e8)
- Chathuranga Costa (@ChathurangaCosta_IT17088138)
 - Accepted merge request #6 "Models/dilshani"
 - Pushed to branch general/develop_1 (acf8a2e8 · Merge branch 'models/dilshani' into 'general/develop_1' ... and 4 more commits. Compare 7e5c22e8...acf8a2e8)
- Dilshani Amarasinghe (@DilshaniAmarasinghe_IT19133614)
 - Opened merge request #6 "Models/dilshani"
- Dilshani Amarasinghe (@DilshaniAmarasinghe_IT19133614)
 - Pushed to branch models/dilshani (f6e2e19b · Merge remote-tracking branch 'origin/general/develop_1' into models... ... and 2 more commits. Compare 724efbb3...f6e2e19b)
- Chathuranga Costa (@ChathurangaCosta_IT17088138)
 - Pushed to branch general/develop_1 (7e5c22e8 · Merge branch 'models/nimesha' into 'general/develop_1')



5.4 Teams Planner

The screenshot shows the Microsoft Teams Planner interface in List view. The top navigation bar includes 'General' (highlighted), 'Posts', 'Files', 'Planner' (with a dropdown arrow), and '+'. On the right, there are buttons for 'Meet' and 'List' (selected), 'Board', 'Charts', and 'Schedule'. The main area is divided into four columns: 'To do', 'In Progress', 'Done', and 'Completed tasks'. Each column has a 'Add task' button. The 'To do' column contains one task: 'voice assistant responses dataset improving' (status: In Progress, due: 02/08). The 'In Progress' column contains one task: 'model accuracy for LSTM' (status: In Progress, due: 02/07). The 'Done' column contains one task: 'plan presentation slides' (status: Done, completed by Amarasinghe A.D.). The 'Completed tasks' section lists seven completed tasks, each with a small icon and a link:

- Completed by Amarasinghe A.D. (link)
- commit individual commits (link)
- Completed by Costa M.C.J. it170... (link)
- commit changes to gitlab (link)
- Completed by Costa M.C.J. it170... (link)
- check chatbot accuracy for AI assistant (link)

The screenshot shows the Microsoft Teams Planner interface in Board view. The top navigation bar includes 'General' (highlighted), 'Posts', 'Files', 'Planner' (with a dropdown arrow), and '+'. On the right, there are buttons for 'Meet' and 'List' (disabled), 'Board' (selected), 'Charts', and 'Schedule'. The main area is divided into four columns: 'To do', 'In Progress', 'Done', and 'Completed tasks'. Each column has a 'Add task' button. The 'To do' column contains one task: 'voice assistant responses dataset improving' (status: In Progress, due: 02/08). The 'In Progress' column contains one task: 'model accuracy for LSTM' (status: In Progress, due: 02/07). The 'Done' column contains one task: 'check chatbot accuracy for AI assistant' (status: Done, completed by Costa M.C.J. it170...). The 'Completed tasks' section lists eight completed tasks, each with a small icon and a link:

- Completed by Costa M.C.J. it170... (link)
- check chatbot accuracy for AI assistant (link)
- Completed by Amarasinghe A.D. (link)
- Individual Proposal Doc – Dilshani (link)
- Completed by Costa M.C.J. it170... (link)
- Create planner-MS-Teams (link)
- Completed by Costa M.C.J. it170... (link)
- Create Gitlab Repository (link)

This screenshot shows the Microsoft Teams Planner interface in dark mode. The top navigation bar includes 'General' (highlighted), 'Posts', 'Files', 'Planner' (with a dropdown arrow), and a '+' button. On the far right are 'Meet' and other collaboration icons. The main area displays a table of tasks:

| Task title | Completed by | Priority | Completed | Bucket |
|---|-------------------------|----------|-----------|--------|
| + Add a task | | | | |
| ✓ commit individual commits | Costa M.C.J. it17088... | 2/1 | Done | |
| ✓ commit changes to gitlab | Costa M.C.J. it17088... | 2/1 | Done | |
| ✓ plan presentation slides | Amarasinghe A.D it... | 2/1 | Done | |
| ✓ check chatbot accuracy for AI assistant | Amarasinghe A.D it... | 2/1 | Done | |
| ✓ Individual Proposal Doc - Dilshani | Costa M.C.J. it17088... | 10/2022 | Done | |
| ✓ Create planner MS Teams | Costa M.C.J. it17088... | 10/2022 | Done | |
| ✓ Create Gitlab Repository | Costa M.C.J. it17088... | 10/2022 | Done | |

This screenshot shows the Microsoft Teams Planner interface in dark mode, specifically the 'All Active' view. The left sidebar shows 'Activity', 'Chat', 'Teams' (selected), 'Assignments', 'Calendar', 'Calls', 'Files', and 'Apps'. The main area displays a table of tasks:

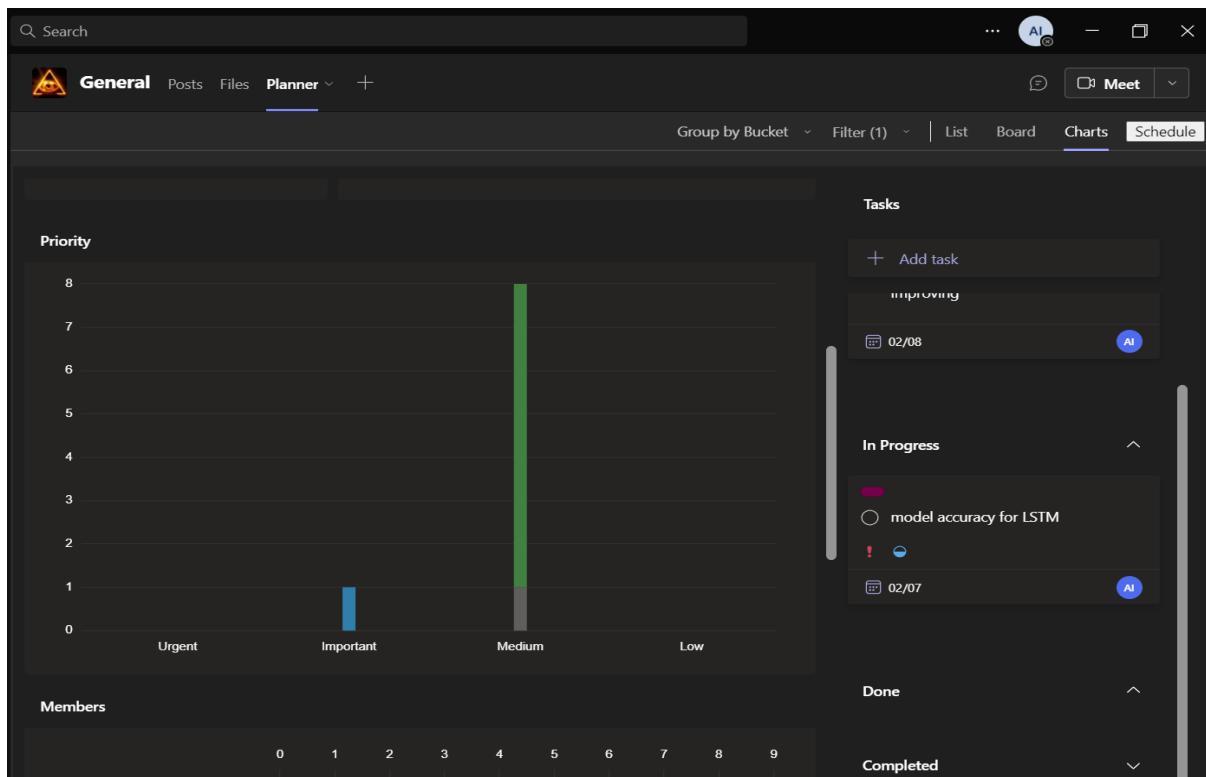
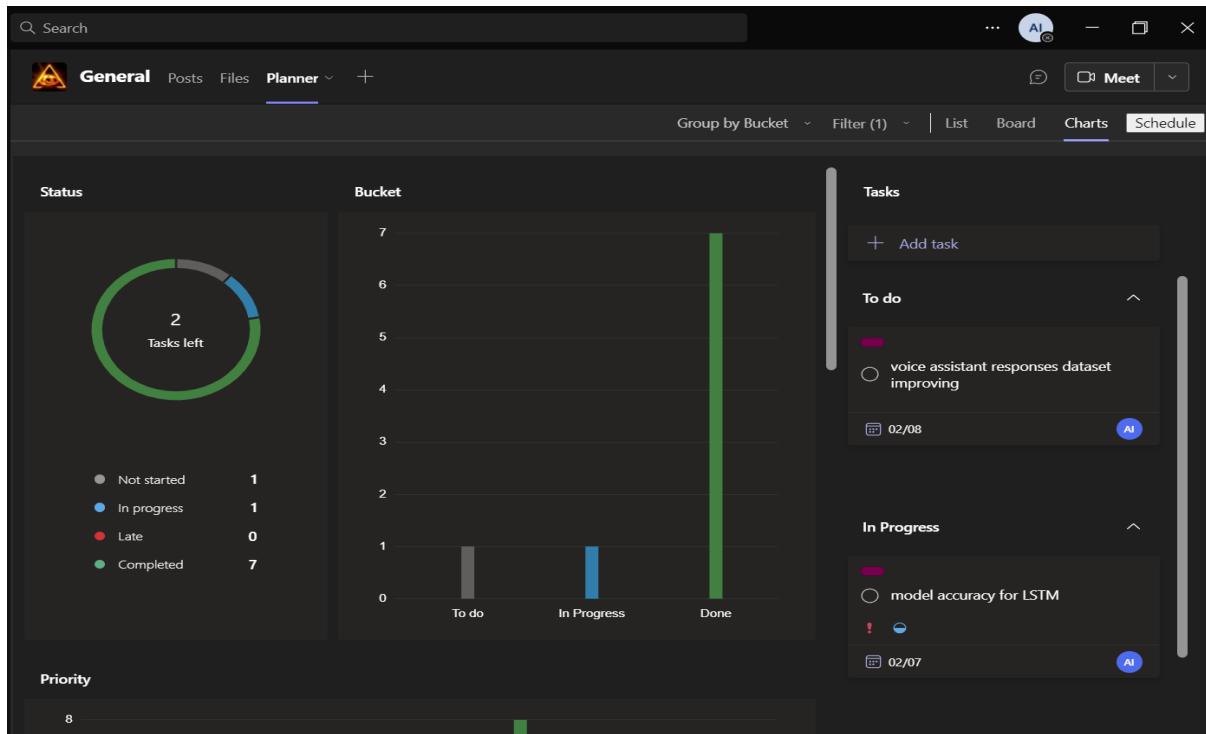
| Task title | Assigned to | Priority | Due | Bucket |
|---|-------------------------|----------|-------------|--------|
| + Add a task | | | | |
| ○ voice assistant responses dataset improving | Amarasinghe A.D it19... | 2/8 | To do | |
| ○ model accuracy for LSTM | Amarasinghe A.D it19... | 2/7 | In Progress | |

The screenshot shows a Microsoft Teams Planner board view for the 'General' team. The board is organized into four columns: 'To do', 'In Progress', 'Done', and 'Completed tasks'. Tasks are assigned to team members Nimesha, Chathuranga, Dimagi, and Dilshani. The 'Completed tasks' column shows 14 completed items.

| Column | Task Title | Assigned To | Status |
|-----------------|--|-------------|-------------|
| To do | create formula for other objects | Nimesha | Pending |
| In Progress | improve object identifier distance with focal length formula | Nimesha | In Progress |
| In Progress | ishihara using support vector classification | Chathuranga | In Progress |
| In Progress | curreny identification coin identification not working | Dimagi | In Progress |
| In Progress | curreny identification train dataset improving | Dimagi | In Progress |
| In Progress | voice assistant responses dataset improving | Dilshani | In Progress |
| Done | calculate distance for a person using formula | Nimesha | Completed |
| Done | plan presentation slides | Dilshani | Completed |
| Done | check model accuracy for object detection | Nimesha | Completed |
| Completed tasks | calculate distance for a person using formula | Nimesha | Completed |
| Completed tasks | plan presentation slides | Dilshani | Completed |
| Completed tasks | check model accuracy for object detection | Nimesha | Completed |

The screenshot shows a Microsoft Teams Planner list view for the 'General' team. The list includes columns for 'Task title', 'Completed by', 'Priority', 'Completed ↑', and 'Bucket'. Tasks listed include calculating distance for a person using a formula, checking currency recognition for object detection, and creating GitLab repositories.

| Task title | Completed by | Priority | Completed ↑ | Bucket |
|---|-------------------------|----------|-------------|--------|
| calculate distance for a person using formula | Amarasinghe A.D it... | ! | 2/5 | Done |
| check currency recognition for object detection | Costa M.C.J. it17088... | 2/4 | Done | |
| check ishihara model accuracy | Costa M.C.J. it17088... | 2/1 | Done | |
| commit individual commits | Costa M.C.J. it17088... | 2/1 | Done | |
| commit changes to gitlab | Costa M.C.J. it17088... | 2/1 | Done | |
| plan presentation slides | Amarasinghe A.D it... | 2/1 | Done | |
| check model accuracy for object detection | Amarasinghe A.D it... | 2/1 | Done | |
| check chatbot accuracy for AI assistant | Amarasinghe A.D it... | 2/1 | Done | |
| Individual Proposal Doc - Nimesha | Costa M.C.J. it17088... | 10/2022 | Done | |
| Individual Proposal Doc - Dilshani | Costa M.C.J. it17088... | 10/2022 | Done | |
| Individual Proposal Doc - Costa | Costa M.C.J. it17088... | 10/2022 | Done | |
| Individual Proposal Doc - Dimagi | Costa M.C.J. it17088... | 10/2022 | Done | |
| Create planner MS-Teams | Costa M.C.J. it17088... | 10/2022 | Done | |
| Create GitLab Repository | Costa M.C.J. it17088... | 10/2022 | Done | |



This screenshot shows a dark-themed digital workspace interface. At the top, there's a navigation bar with a search bar, a general icon, and tabs for 'General', 'Posts', 'Files', 'Planner', and a plus sign. To the right are icons for 'Meet' and other collaboration tools. Below the navigation is a toolbar with 'Group by Bucket', 'Filter (1)', and buttons for 'List', 'Board', 'Charts', and 'Schedule'.

The main area displays a list of tasks assigned to specific individuals, each represented by a horizontal bar indicating progress:

- Amarasinghe A.D. id19133614: Progress bar from approximately 10% to 100%.
- Aththanayake A.M.N.D. id19981918: Progress bar from approximately 10% to 100%.
- Costa M.C.J. id17088138: Progress bar from approximately 10% to 100%.
- Jayasekara K.D.J. id19103600: Progress bar from approximately 10% to 100%.

On the right side, there's a sidebar titled 'Tasks' with sections for 'Unassigned', 'In Progress', 'Done', and 'Completed'. Each section contains a list of tasks with status indicators (green for In Progress, grey for Done, etc.) and small AI icons.

This screenshot shows a dark-themed digital workspace interface, similar to the one above but with a different layout. It features a navigation bar at the top with a search bar, a general icon, and tabs for 'General', 'Posts', 'Files', 'Planner', and a plus sign. The toolbar below includes 'Group by Bucket', 'Filter (1)', and buttons for 'List', 'Board', 'Charts', and 'Schedule'.

The main area is a calendar grid for February 2023, showing days from 29 to 26. Tasks are listed in boxes corresponding to specific dates:

- 29: commit c..., check cha...
- 30: commit in...
- 1: plan pres...
- 5: model acc...
- 6: voice assista...

On the right side, there's a sidebar titled 'Tasks' with sections for 'Unscheduled tasks', 'To do', 'In Progress', 'Done', and 'Completed'. Each section contains a list of tasks with status indicators and small AI icons.