

**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 document library titled "CDAPSubmissionCloud". The library contains one item, "IT19981918.docx", which was modified on October 13, 2022, by Aththanayake A.M.N.D. It1. The search bar at the top shows the file name "it19981918.docx". The library interface includes standard SharePoint navigation icons and a search bar.

The screenshot shows the Turnitin Class Homepage for the class "IT4010-JUNE STUDENTS (2022/23)". The assignment inbox displays a single assignment titled "Proposal Report". The assignment details are as follows:

| 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 | 22% Submit View |

At the bottom of the page, there is a footer with copyright information and links to various policies and resources.

1.2 Group Submissions

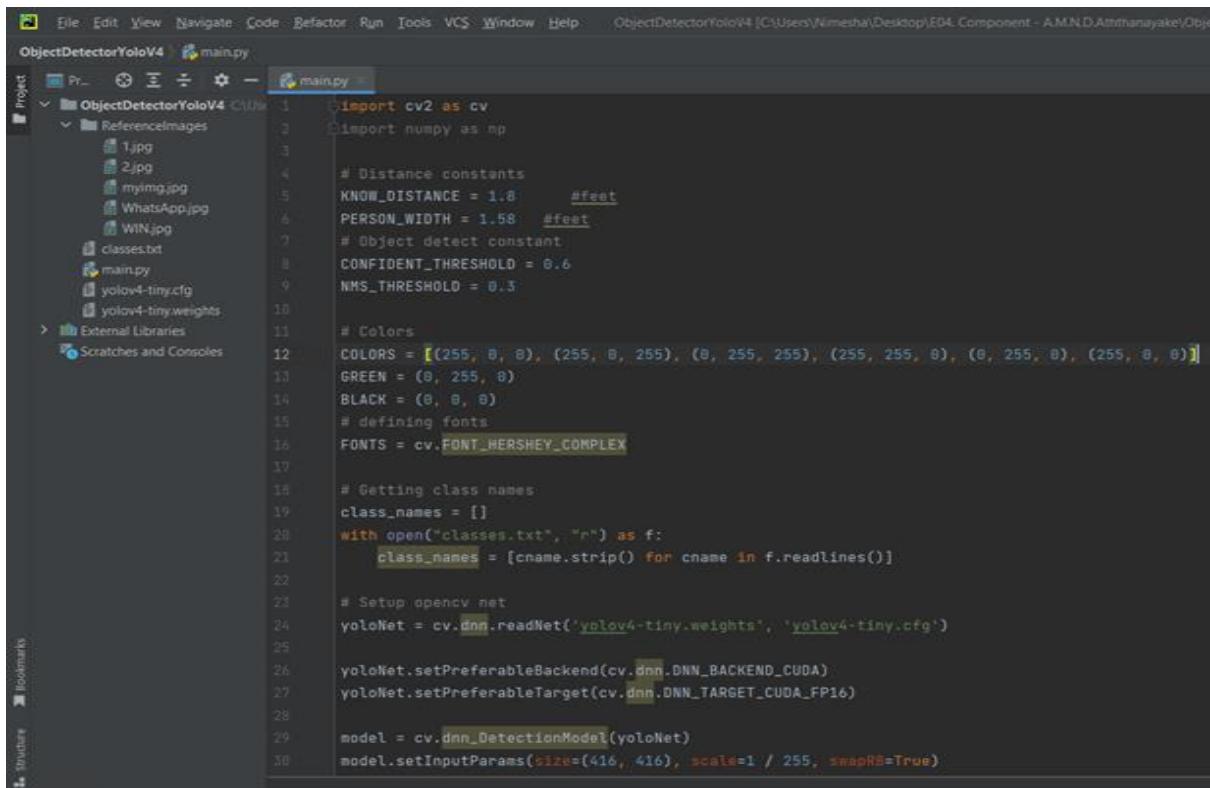
The screenshot shows a SharePoint document library titled "CDAPSubmissionCloud". The library is a private group with 2 members. The navigation path is "22-23JuneCloud > 22_23-J-83-Students > 1. Project Proposal > Presentation". The list view displays four items:

| 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



The screenshot shows the PyCharm IDE interface with the project 'ObjectDetectorYoloV4' open. The main window displays the 'main.py' file. The code is a Python script for an object detection application using YOLOv4. It imports cv2 and numpy, defines constants for distance and object width, and sets up the OpenCV DNN module to use YOLOv4 weights and configuration files. It also reads class names from a 'classes.txt' file. The script then initializes the neural network, sets input parameters, and defines functions for object detection, drawing bounding boxes, and calculating focal length and distance based on measured values.

```
import cv2 as cv
import numpy as np

# Distance constants
KNOWN_DISTANCE = 1.8      #feet
PERSON_WIDTH = 1.58        #feet
# Object detect constant
CONFIDENT_THRESHOLD = 0.6
NMS_THRESHOLD = 0.5

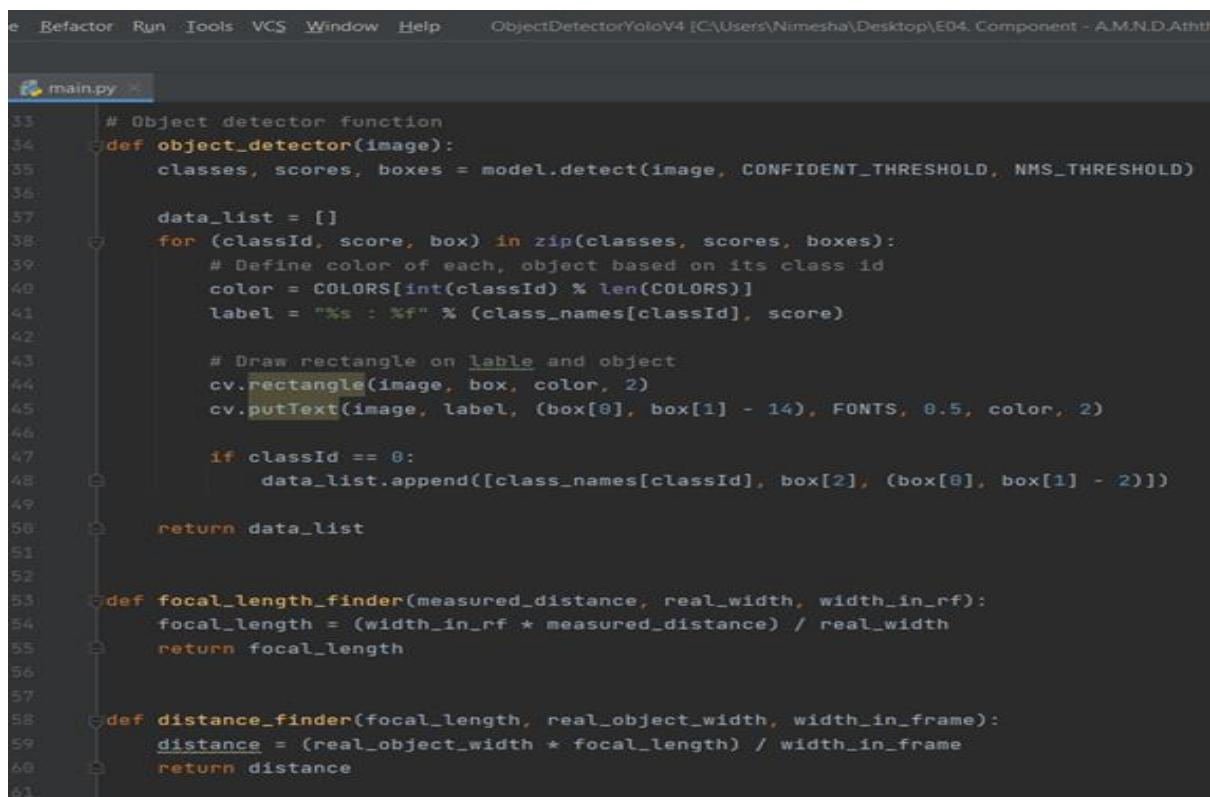
# Colors
COLORS = [(255, 0, 0), (255, 0, 255), (0, 255, 255), (255, 255, 0), (0, 255, 0), (255, 0, 0)]
GREEN = (0, 255, 0)
BLACK = (0, 0, 0)
# defining fonts
FONTS = cv.FONT_HERSHEY_COMPLEX

# Getting class names
class_names = []
with open("classes.txt", "r") as f:
    class_names = [cname.strip() for cname in f.readlines()]

# Setup opencv net
yoloNet = cv.dnn.readNet('yolov4-tiny.weights', 'yolov4-tiny.cfg')

yoloNet.setPreferableBackend(cv.dnn.DNN_BACKEND_CUDA)
yoloNet.setPreferableTarget(cv.dnn.DNN_TARGET_CUDA_FP16)

model = cv.dnn_DetectionModel(yoloNet)
model.setInputParams(size=(416, 416), scale=1 / 255, snapRB=True)
```



The screenshot shows the PyCharm IDE interface with the project 'ObjectDetectorYoloV4' open. The main window displays the 'main.py' file. The code continues from the previous snippet, defining an 'object_detector' function that takes an image as input, performs object detection, and draws bounding boxes and labels on the image. It also defines two helper functions: 'focal_length_finder' which calculates the focal length based on measured distance and real object width, and 'distance_finder' which calculates the actual distance of the object from the camera using the focal length and the width of the object in the frame.

```
# Object detector function
def object_detector(image):
    classes, scores, boxes = model.detect(image, CONFIDENT_THRESHOLD, NMS_THRESHOLD)

    data_list = []
    for (classId, score, box) in zip(classes, scores, boxes):
        # Define color of each object based on its class id
        color = COLORS[int(classId) % len(COLORS)]
        label = "%s : %f" % (class_names[classId], score)

        # Draw rectangle on label and object
        cv.rectangle(image, box, color, 2)
        cv.putText(image, label, (box[0], box[1] - 14), FONTS, 0.5, color, 2)

        if classId == 0:
            data_list.append([class_names[classId], box[2], (box[0], box[1] - 2)])

    return data_list

def focal_length_finder(measured_distance, real_width, width_in_rf):
    focal_length = (width_in_rf * measured_distance) / real_width
    return focal_length

def distance_finder(focal_length, real_object_width, width_in_frame):
    distance = (real_object_width * focal_length) / width_in_frame
    return distance
```

```

62
63     ref_person = cv.imread('ReferenceImages/1.jpg')
64
65     person_data = object_detector(ref_person)
66     person_width_in_rf = person_data[0][1]
67
68     print("Person width in pixels -", person_width_in_rf)
69
70     focal_person = focal_length_finder(KNOWN_DISTANCE, PERSON_WIDTH, person_width_in_rf)
71     cap = cv.VideoCapture(0)
72     while True:
73         ret, frame = cap.read()
74
75         data = object_detector(frame)
76         for d in data:
77             if d[0] == 'person':
78                 distance = distance_finder(focal_person, PERSON_WIDTH, d[1])
79                 x, y = d[2]
80
81                 cv.rectangle(frame, (x, y - 3), (x + 150, y + 23), BLACK, -1)
82                 cv.putText(frame, f'dist: {round(distance, 2)}ft', (x + 5, y + 13), FONTS, 0.6, GREEN, 2)
83                 print(round(distance, 2))
84
85                 cv.imshow('frame', frame)
86
87                 key = cv.waitKey(1)
88                 if key == ord('q'):
89                     break
90             cv.destroyAllWindows()
91             cap.release()

```

Project Structure:

- ObjectDetectorYoloV4
 - ReferenceImages
 - 1.jpg
 - 2.jpg
 - myimg.jpg
 - WhatsApp.jpg
 - WIN.jpg
 - classes.txt
 - main.py
 - yolov4-tiny.cfg
 - yolov4-tiny.weights

classes.txt Content:

```

1 person
2 bicycle
3 car
4 motorbike
5 aeroplane
6 bus
7 train
8 truck
9 boat
10 traffic light
11 fire hydrant
12 stop sign
13 parking meter
14 bench
15 bird
16 cat
17 dog
18 horse
19 sheep
20 cow
21 elephant
22 bear
23 zebra
24 giraffe
25 backpack
26 umbrella
27 handbag
28 tie
29 suitcase
30 frisbee
31 skis

```

Project Structure:

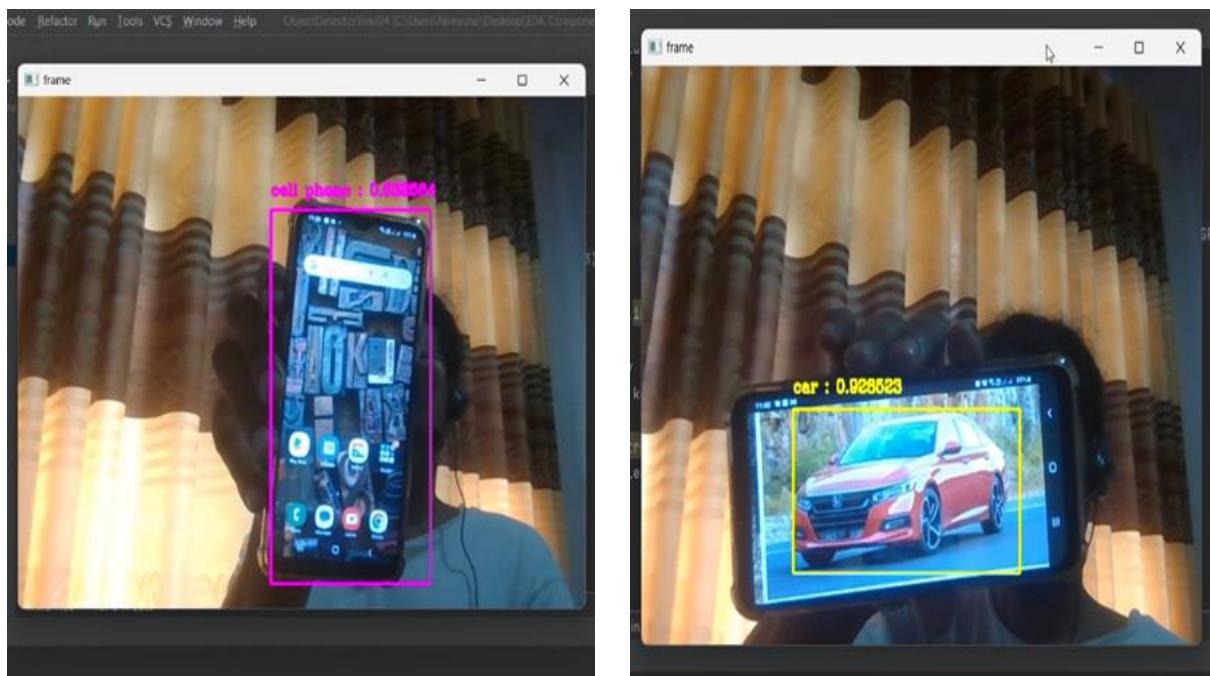
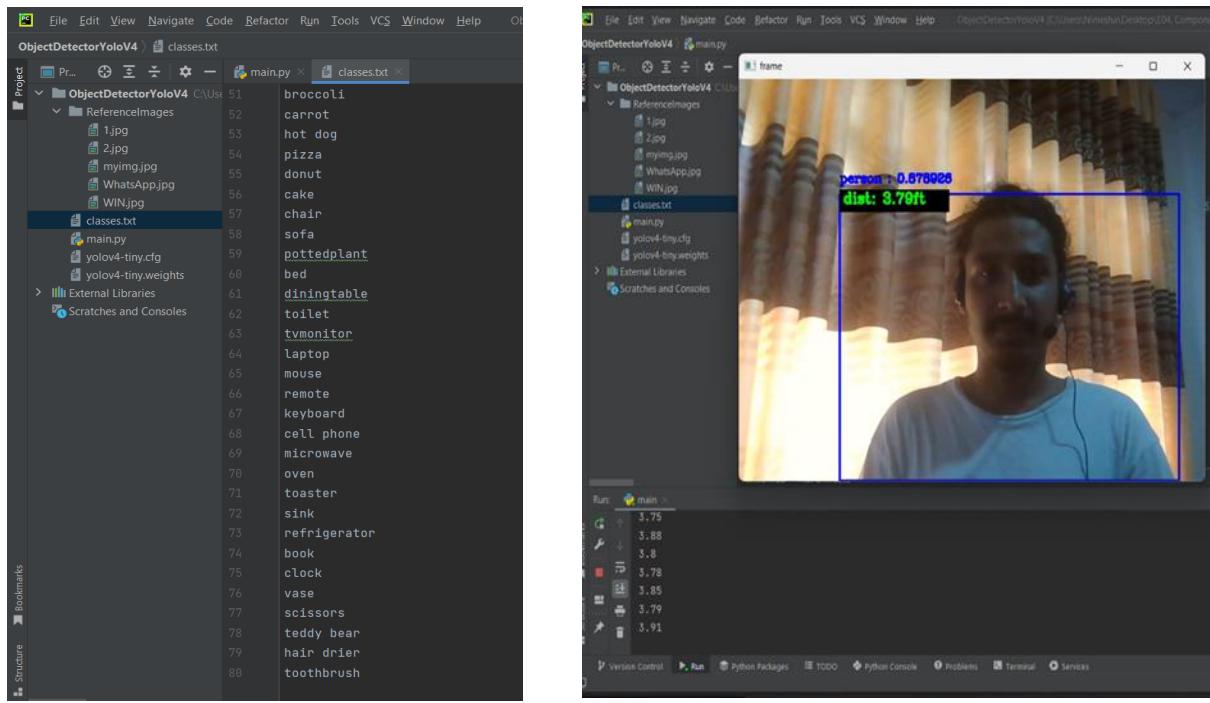
- ObjectDetectorYoloV4
 - ReferenceImages
 - 1.jpg
 - 2.jpg
 - myimg.jpg
 - WhatsApp.jpg
 - WIN.jpg
 - classes.txt
 - main.py
 - yolov4-tiny.cfg
 - yolov4-tiny.weights

classes.txt Content:

```

31 frisbee
32 skis
33 snowboard
34 sports ball
35 kite
36 baseball bat
37 baseball glove
38 skateboard
39 surfboard
40 tennis racket
41 bottle
42 wine glass
43 cup
44 fork
45 knife
46 spoon
47 bowl
48 banana
49 apple
50 sandwich
51 orange
52 broccoli
53 carrot
54 hot dog
55 pizza
56 donut
57 cake
58 chain
59 sofa
60 pottedplant
61 bed

```



3. Gantt Chart

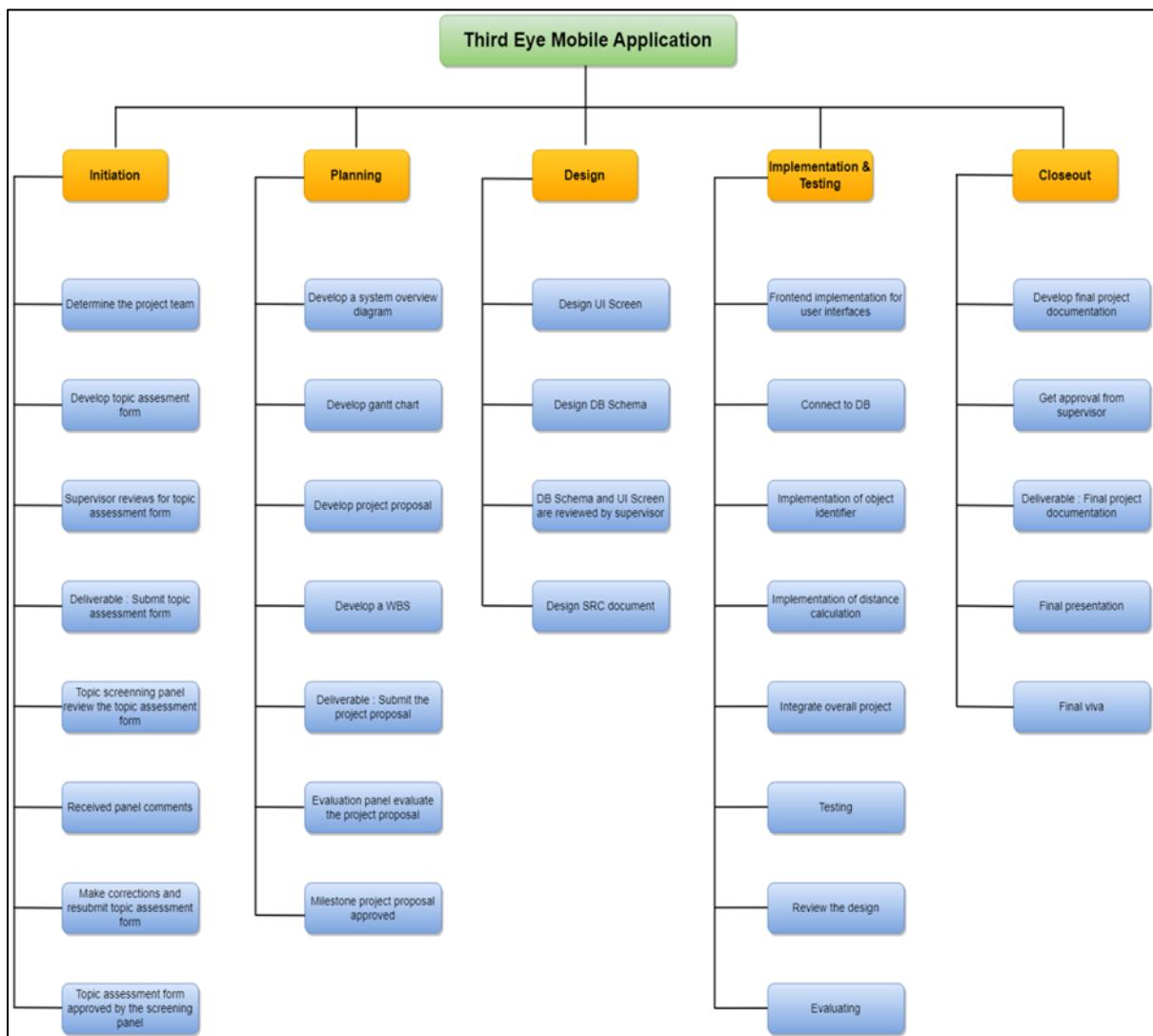
3.1 Initial Gantt Chart

| 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

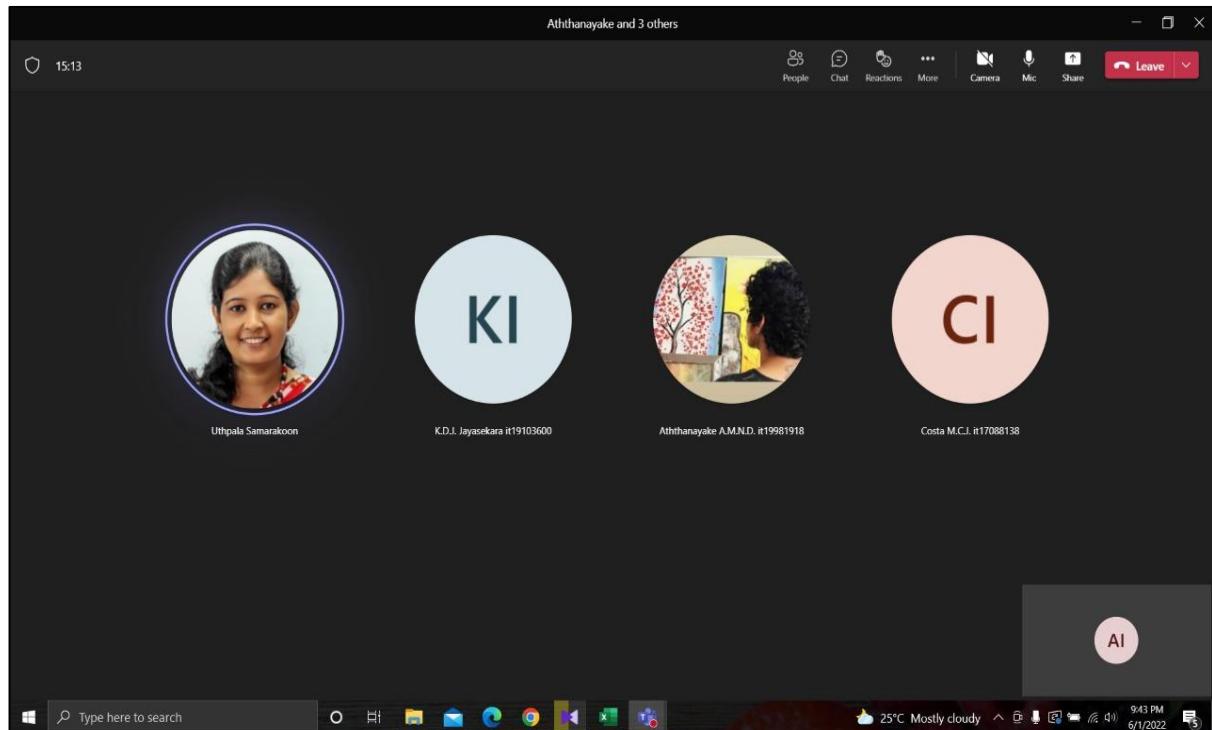
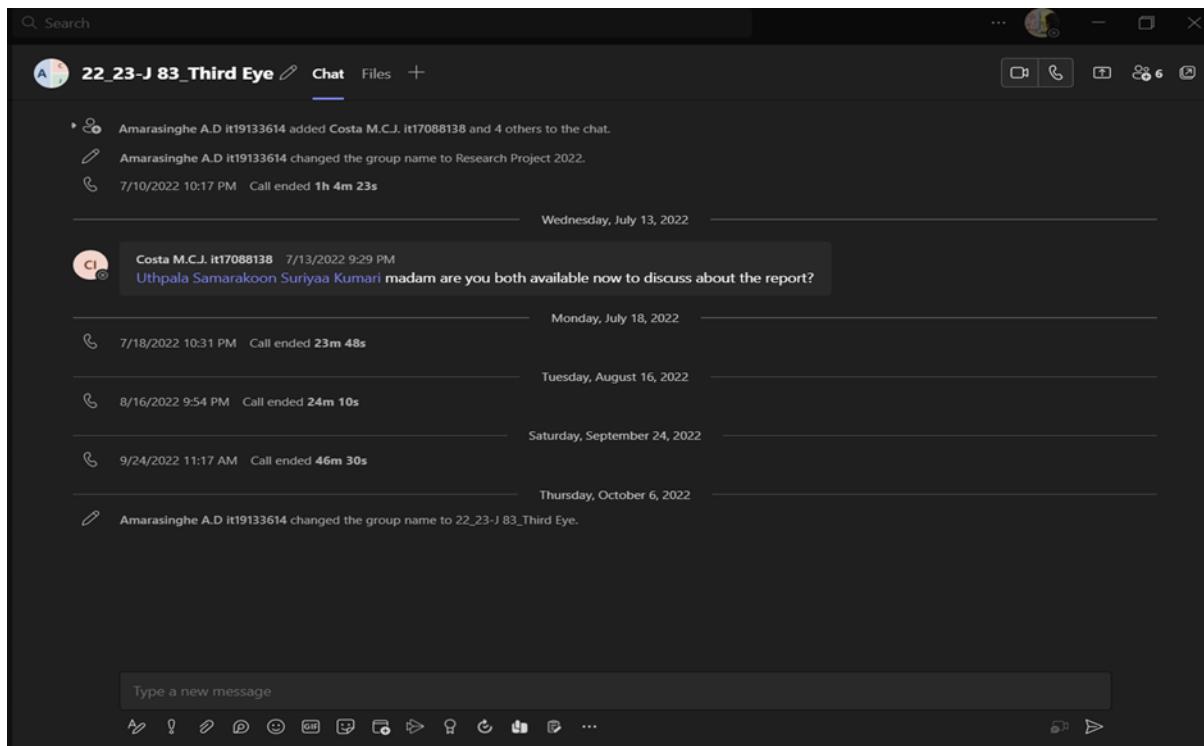
| Tasks | 2022 | | | | | | | | | | | | 2023 | | | | | | | | | | | | |
|---|------|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|------|------|---|---|---|---|---|---|---|---|---|---|---|
| | May | June | July | August | September | October | November | 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 | | | | | | | | | | | | | | | | | | | | | | | | | |

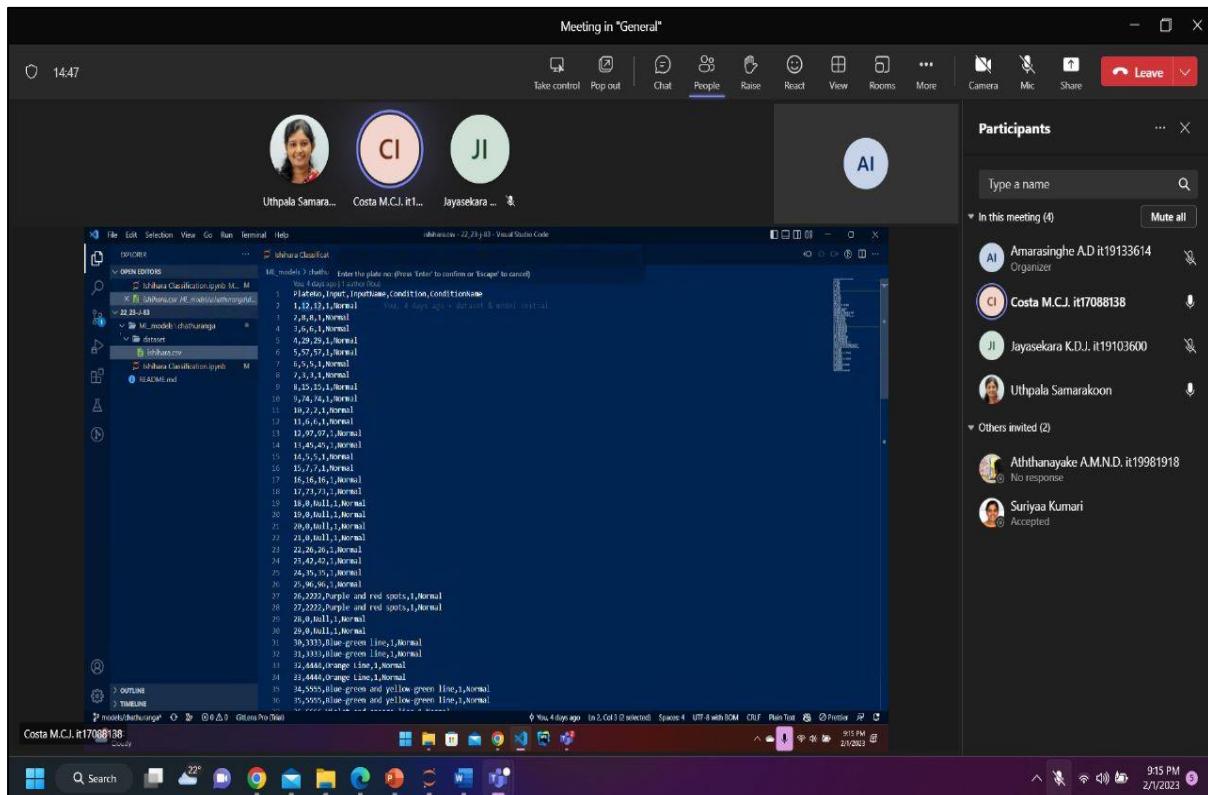
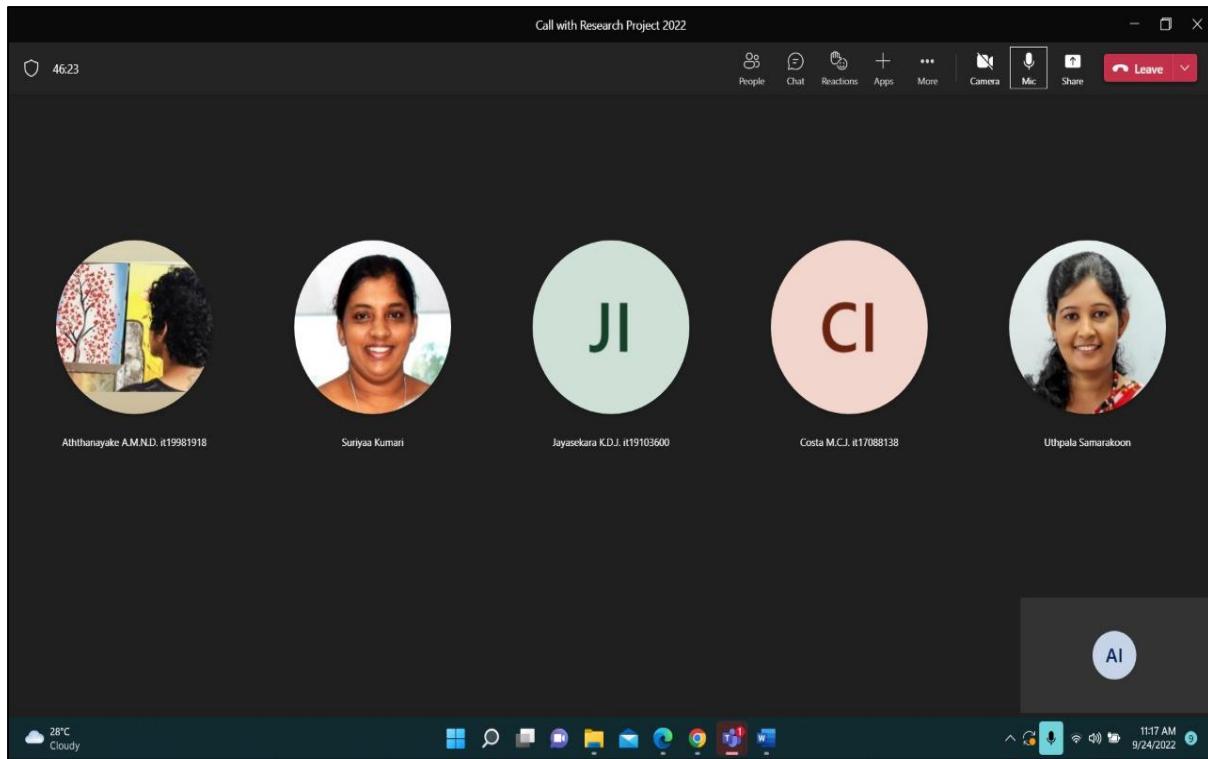
4. Work Breakdown Structure



5. Project Management

5.1 Supervisor meetings, calls and messages from Teams and WhatsApp





The screenshot shows a Microsoft Teams channel interface. At the top, there's a search bar and a header with tabs for 'General', 'Posts', 'Files', 'Planner', and '+'. A 'Meet' button is also visible. Below the header is a circular profile picture. The main area has a dark background with a message from 'Costa M.C.J. it17088138' dated 10/6/2022 at 10:33 PM, which says 'I added a tab at the top of this channel. Check it out!' Below this is a 'Planner' card. A message from 'Amarasinghe A.D. it19133614' dated 1/31 12:54 PM follows, stating 'Progress Presentation 1 discussion to demonstrate the implemented components and the presentation slides.' This message includes a link to a 'Progress Presentation 1 Discussion' meeting scheduled for Wednesday, February 1, 2023 @ 9:00 PM. The meeting summary shows '2 replies from IT19133614 and Uthpala' and 'Meeting ended: 47m 30s'. At the bottom, there's a 'New conversation' button.

This screenshot shows a Microsoft Teams channel named 'Third Eye - June 22/23'. The header includes a profile picture, a title, and a search bar. A message from 'Suriyaa Madm Sliit' dated 7/10/2022 at 10:17 PM shows a thumbs-up emoji. A message from 'Chathuranga Sliit' dated 7/11/2022 at 12:00 PM asks if '@Uthpala Madm Sliit madam are available now to discuss a small issue?'. A message from 'Uthpala Madm Sliit' dated 7/12/2022 at 12:06 PM responds with 'Ok'. Below this, Dilshani Sliit uploaded a Microsoft Word document titled 'TAF_TMP-2022_23-12.docx' on 7/12/2022 at 4:41 PM. The message includes a 'Download' button. A final message from 'Dilshani Sliit' dated 7/12/2022 at 4:42 PM says 'Madam we have created a graft doc, can you please check it out and let us know what should be changed'.

Third Eye - June 22/23
Chathuranga, Dilshani, Dimagi, Suriyaa, Uthpala, You

7/18/2022

Dilshani Silit
TAF_TMP-2022_23-12.docx
1.1 MB, Microsoft Word Document
Download 9:58 AM

Uthpala Madm Silit
TAF_TMP-2022_23-12_Comments add...
1.1 MB, Microsoft Word Document
Download 2:28 PM

TopicAssessment_first part comments a...
217 KB, Microsoft Word Document
Download 2:28 PM

Dilshani Silit
Thank you madam. We'll do the necessary changes 2:38 PM

Type a message

Third Eye - June 22/23
Chathuranga, Dilshani, Dimagi, Suriyaa, Uthpala, You

Uthpala Madm Silit
Yeh 2:39 PM

Cannot add comments because of text box. 2:39 PM

Dilshani Silit
It's fine madam. We'll discuss them on today meeting 2:40 PM

7/19/2022

Dilshani Silit changed the subject to "Breakout-CVS & Depression"
Suriyaa Madm Silit changed the subject to "Breakout-CVS June 22/23"

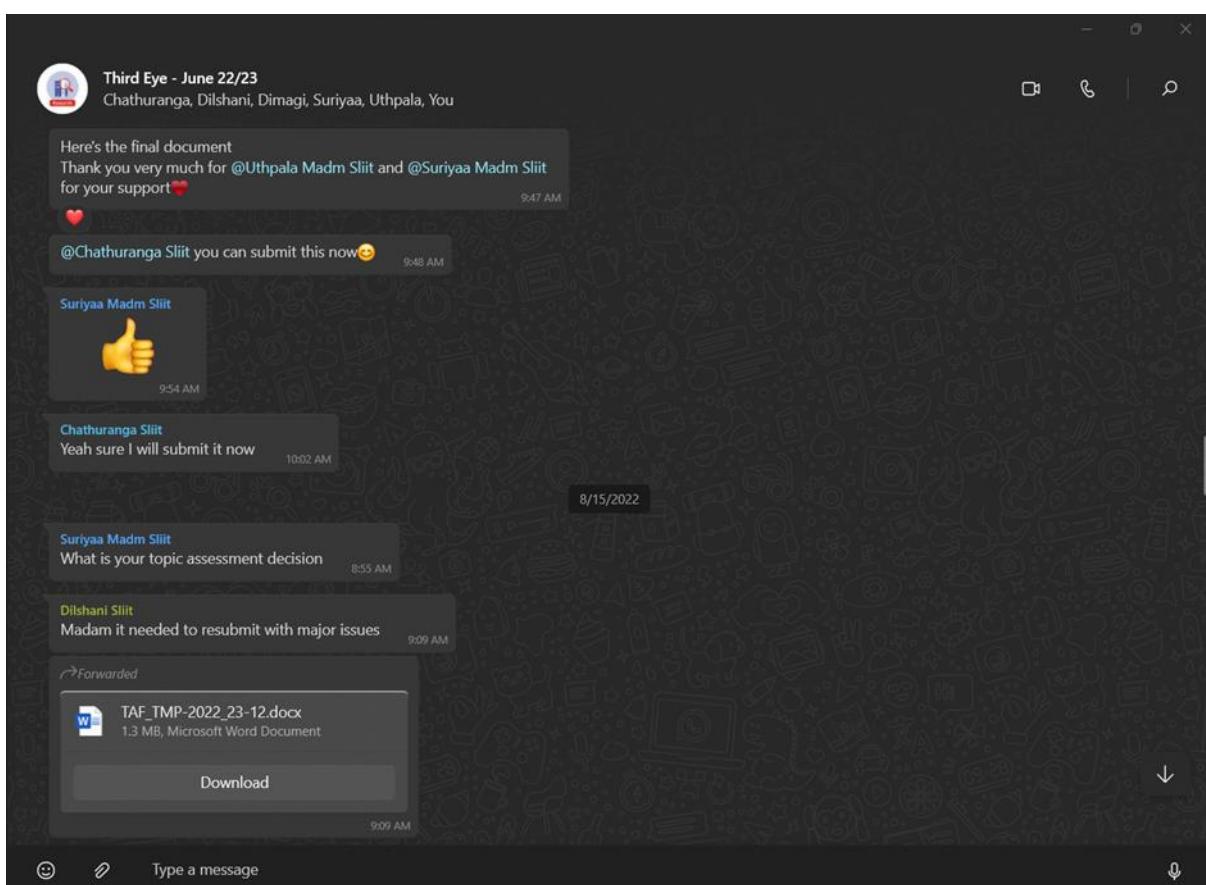
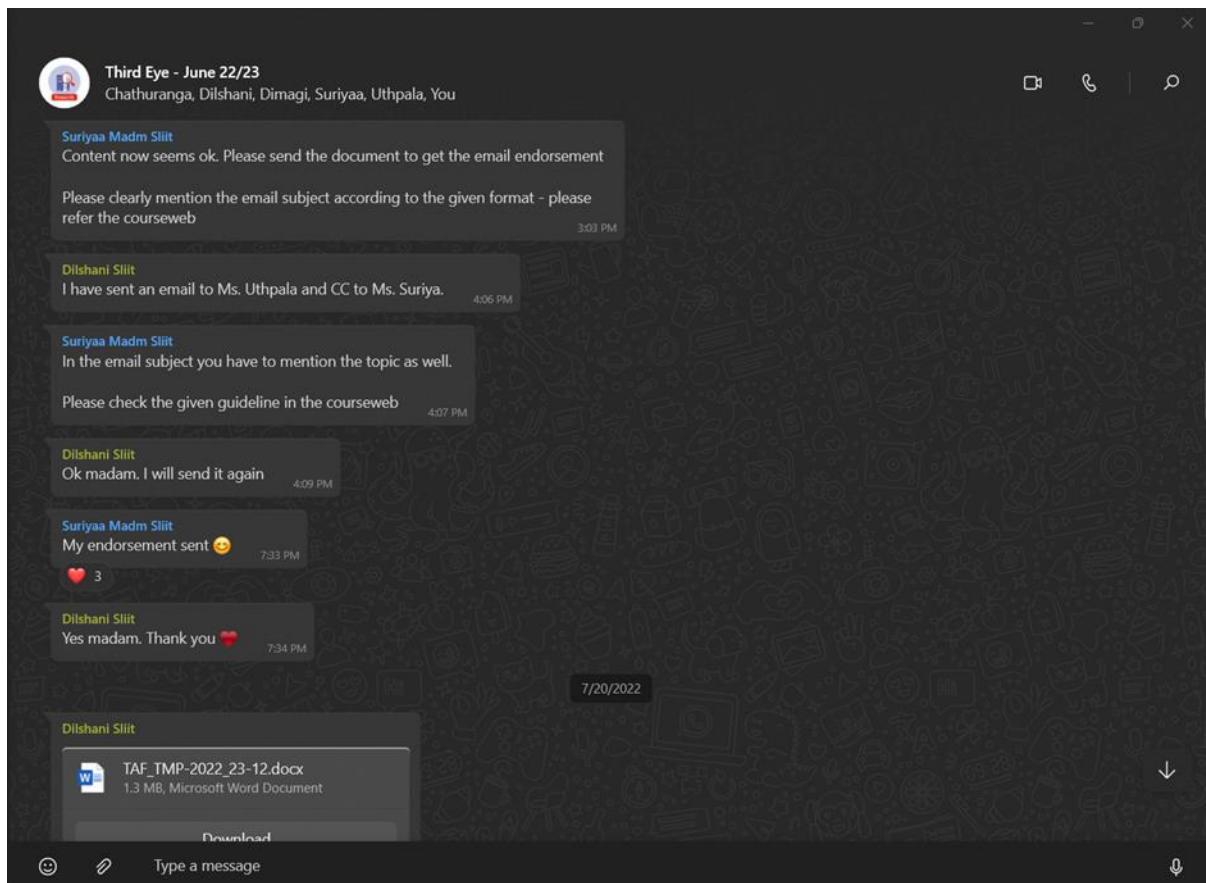
Suriyaa Madm Silit
I change the group name for easy reference as there are so many groups 11:28 AM

Uthpala Madm Silit
Many thanks. That's really easy 11:38 AM

Dilshani Silit
TAF_TMP-2022_23-12.docx
966 KB, Microsoft Word Document
Download 2:14 PM

Corrected all the issues and changes as we discussed including grammar as well. Madam can you please check it and let us know are there any modifications to be done? @Uthpala Madm Silit @Suriyaa Madm Silit

Type a message



Third Eye - June 22/23
Chathuranga, Dilshani, Dimagi, Suriyaa, Uthpala, You

Suriyaa Madm Sliit
Madam it needed to resubmit with major issues

Is that soo 9:10 AM

Dilshani Sliit
Dilshani Sliit
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

Suriyaa Madm Sliit
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

your approach more need to explain how you are planning to implement 9:15 AM

Chathuranga Sliit
Suriyaa Madm Sliit
your approach more need to explain how you are planning to implement

It was my part madam the thing is the whole scenario related for the topic is explained top to bottom in the problem area and the solution area. But we didn't explain that much in the area where the components are divided to members since we explained it above. Maybe that's the reason? 9:21 AM

8/18/2022

Type a message

Third Eye - June 22/23
Chathuranga, Dilshani, Dimagi, Suriyaa, Uthpala, You

Dilshani Sliit
TAF_TMP-2022_23-12.docx
1.5 MB, Microsoft Word Document

Download 9:22 PM

@Uthpala Madm Sliit @Suriyaa Madm Sliit Madam we have finished the document, can you please check it and inform the changes to be done 9:23 PM

2 9:23 PM

Dilshani Sliit changed the subject to "Third eye - June 22/23"

Dilshani Sliit
According to the new topic, I'll change the group name to 'Third eye' @Uthpala Madm Sliit @Suriyaa Madm Sliit 9:59 PM

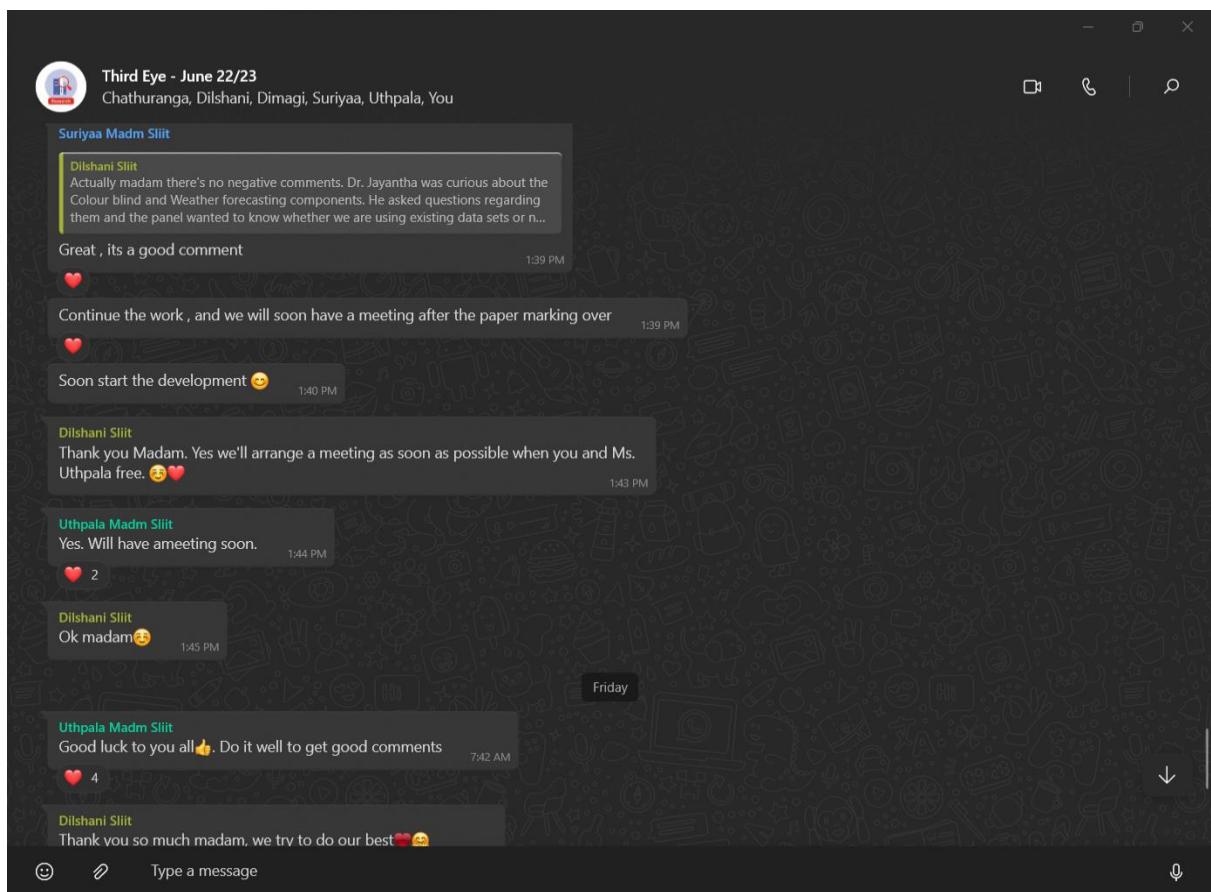
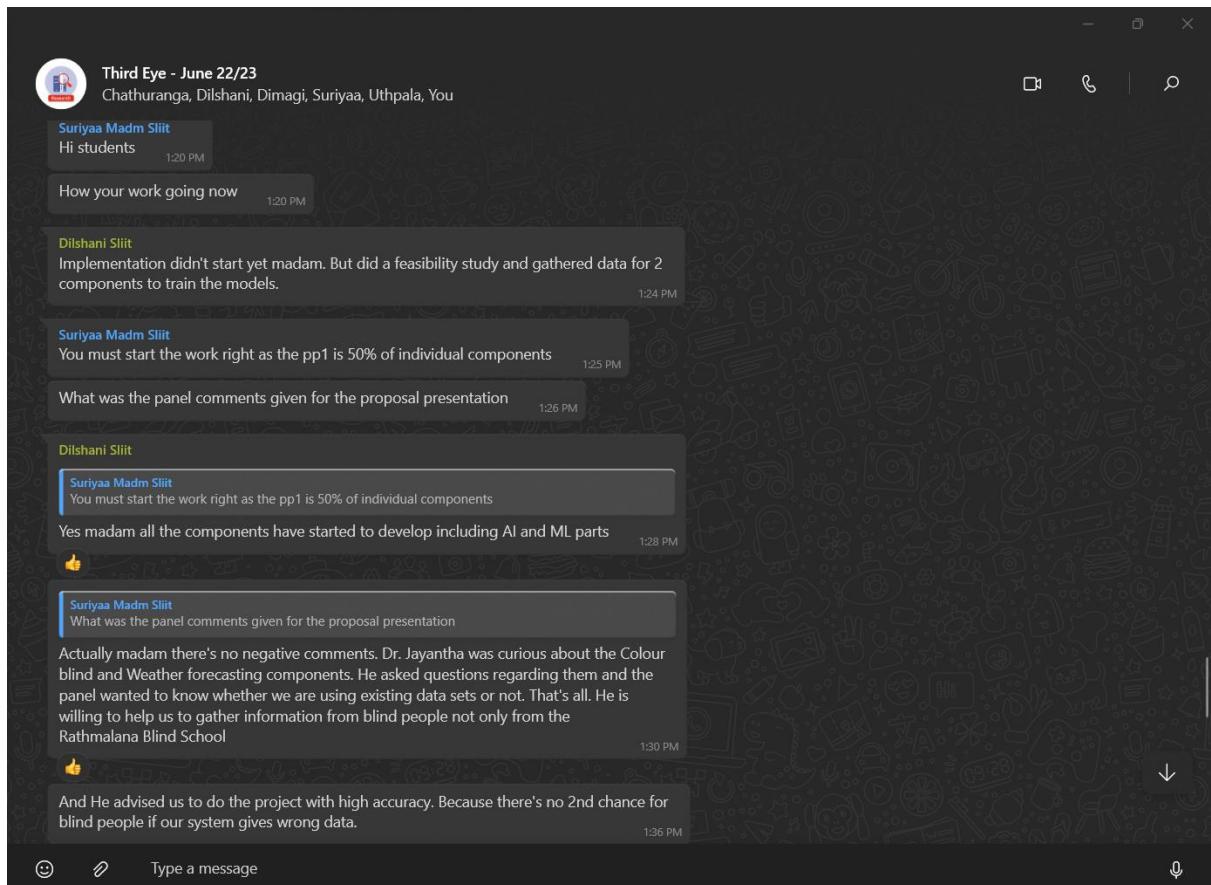
8/19/2022

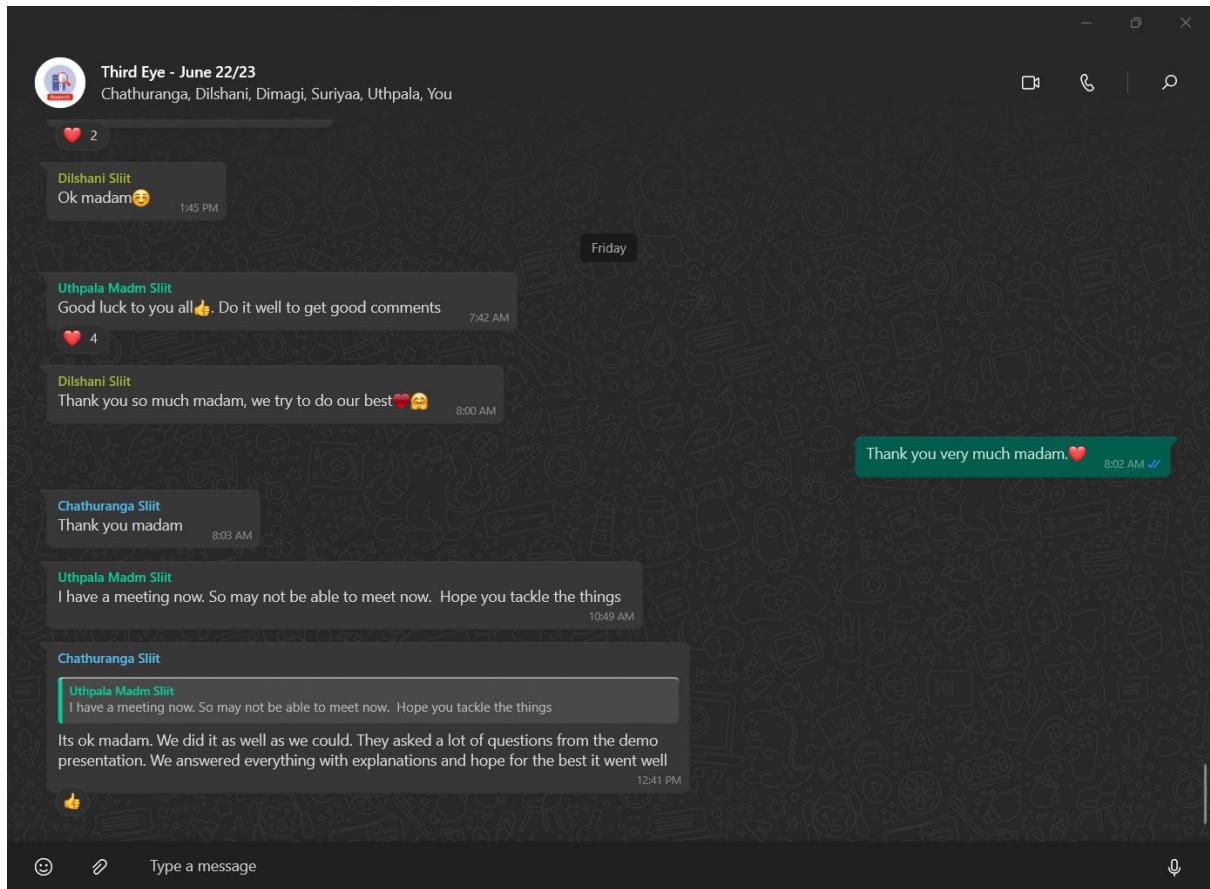
Uthpala Madm Sliit
6:30 AM

Dilshani Sliit
@Uthpala Madm Sliit @Suriyaa Madm Sliit Madam, Can you please send your endorsements. I already sent you an email with attached documents 5:36 PM

Uthpala Madm Sliit
Will do 5:36 PM

Type a message





5.2 Group meetings, calls and messages from Teams and WhatsApp

Search ...

We 4 - Research Group Chat Files +

Amarasinghe A.D. it19133614 7/11/2022 11:51 PM

RpTopicAssessmentForm_2022June (1).d... ...

7/11/2022 11:52 PM Call ended 1h 6m 59s

Wednesday, July 13, 2022

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...

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

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2670219/>

 A bibliometric analysis of the scientific literatur...
The aim of this study was to locate the scientific literature dealing with addiction to the Internet, video games, and...

Type a new message

...

Search ...

We 4 - Research Group Chat Files +

Costa M.C.J. it17088138 7/13/2022 10:55 PM

S.-Y. Park, S. Yang, C.-S. Shin, H. Jang, and S.-Y. Park, "Long-term symptoms of mobile phone use on mobile phone addiction and depression among Korean adolescents," *MDPI*, 25-Sep-2019. [Online]. Available: <https://www.mdpi.com/1660-4601/16/19/3584/htm>. [Accessed: 13-Jul-2022]

Ö. Çağan, A. Ünsal, and N. Çelik, "Evaluation of college students' the level of addiction to cellular phone and investigation on the relationship between the addiction and the level of depression," *Procedia - Social and Behavioral Sciences*, 12-Mar-2014. [Online]. Available: <https://www.sciencedirect.com/science/article/pii/S1877042813054335>. [Accessed: 13-Jul-2022]

 Evaluation of College Students' the Level of Ad...
The study is a cross sectional study carried out on Osmangazi University Health High School students...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2670219/>

S.-Y. Park, S. Yang, C.-S. Shin, H. Jang, and S.-Y. Park, "Long-term symptoms of mobile phone use on mobile phone addiction and depression among Korean adolescents," *MDPI*, 25-Sep-2019. [Online]. Available: <https://www.mdpi.com/1660-4601/16/19/3584/htm>. [Accessed: 13-Jul-2022]

Y. Li, G. Li, L. Liu, and H. Wu, "Correlations between mobile phone addiction and anxiety, depression, impulsivity, and poor sleep quality among college students: A systematic review and meta-analysis," *AKJournals*, 08-Sep-2020. [Online]. Available: <https://akjournals.com/view/journals/2006/9/3/article-p551.xml>. [Accessed: 13-Jul-2022]

X. Carbonell, E. Guardiola, M. Beranuy, and A. Bellés, "A bibliometric analysis of the scientific literature on internet, video games, and cell phone addiction," *Journal of the Medical Library Association : JMLA*, Apr-2009. [Online]. Available: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2670219/>. [Accessed: 13-Jul-2022]

 A bibliometric analysis of the scientific literatur...
The aim of this study was to locate the scientific literature dealing with addiction to the Internet, video games, and...

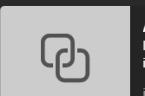
Type a new message

...

Search

We 4 - Research Group Chat Files +

M. D. Griffiths and D. Kuss, "IREP," *IRep*, 28-Sep-2017. [Online]. Available: <https://irep.ntu.ac.uk/id/eprint/31776/>. [Accessed: 13-Jul-2022]


Adolescent social media addiction (revisited) - I...
IRep - Nottingham Trent University's open access
institutional research repository
irep.ntu.ac.uk

Thursday, July 14, 2022
7/14/2022 12:26 AM Call ended **1h 51m 52s**

Monday, July 18, 2022
7/18/2022 10:31 PM Call started

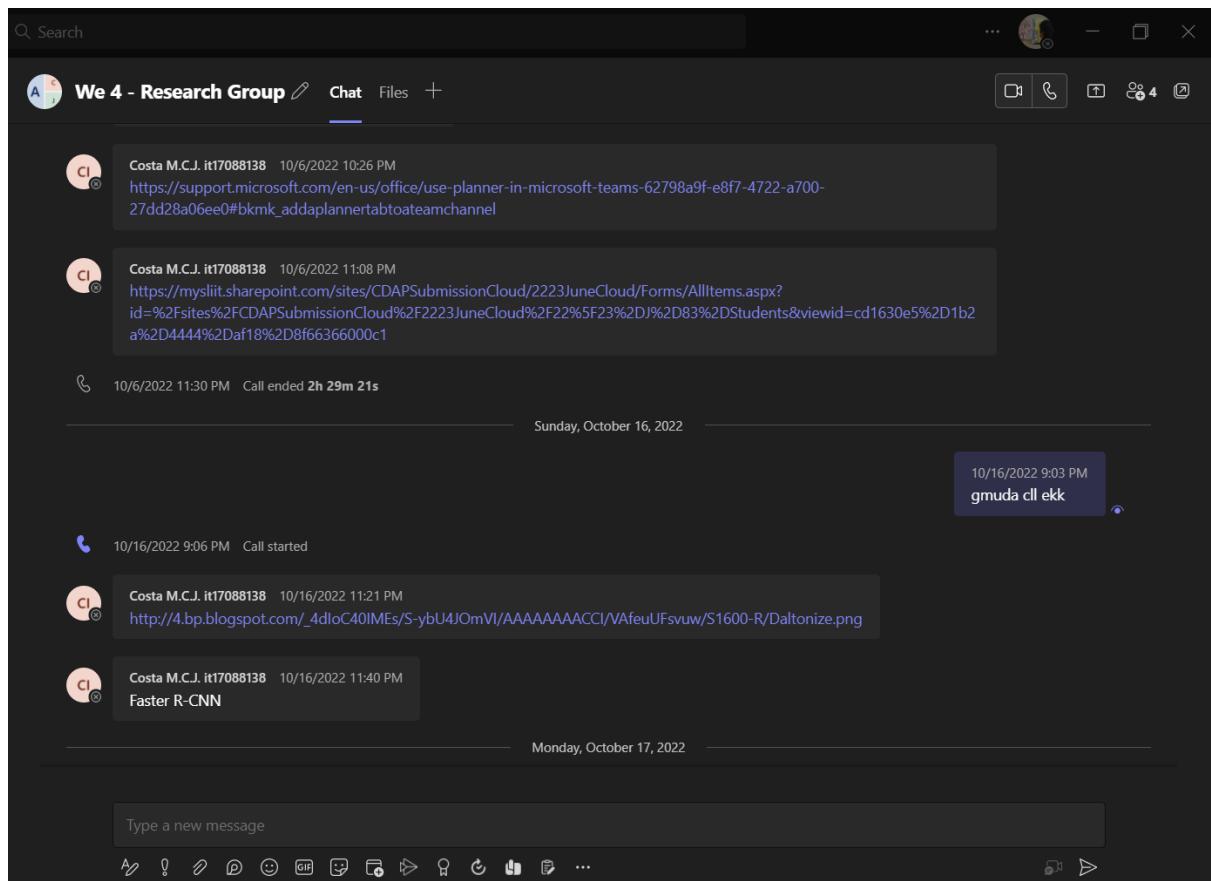
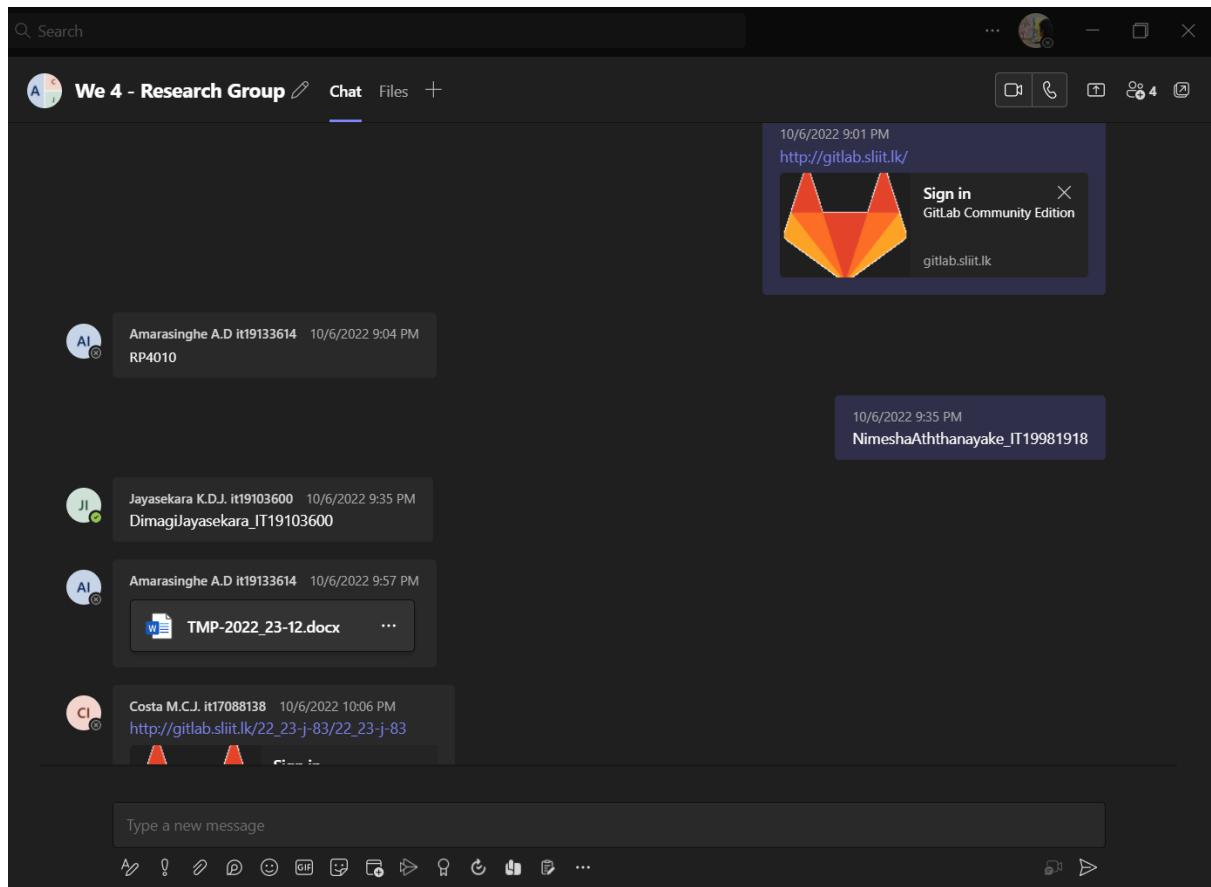
Costa M.C.J. it17088138 7/18/2022 10:46 PM
<https://www.bibme.org/ieee-with-url/website-citation/new>

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

Type a new message



The screenshot shows a messaging application interface. At the top, there's a search bar and a header with the group name "We 4 - Research Group". Below the header, a message from "Amarasinghe A.D. it1913614" is displayed, containing a link to a GitLab page. A small AI icon is present next to the message. The main body of the screen shows a list of call logs:

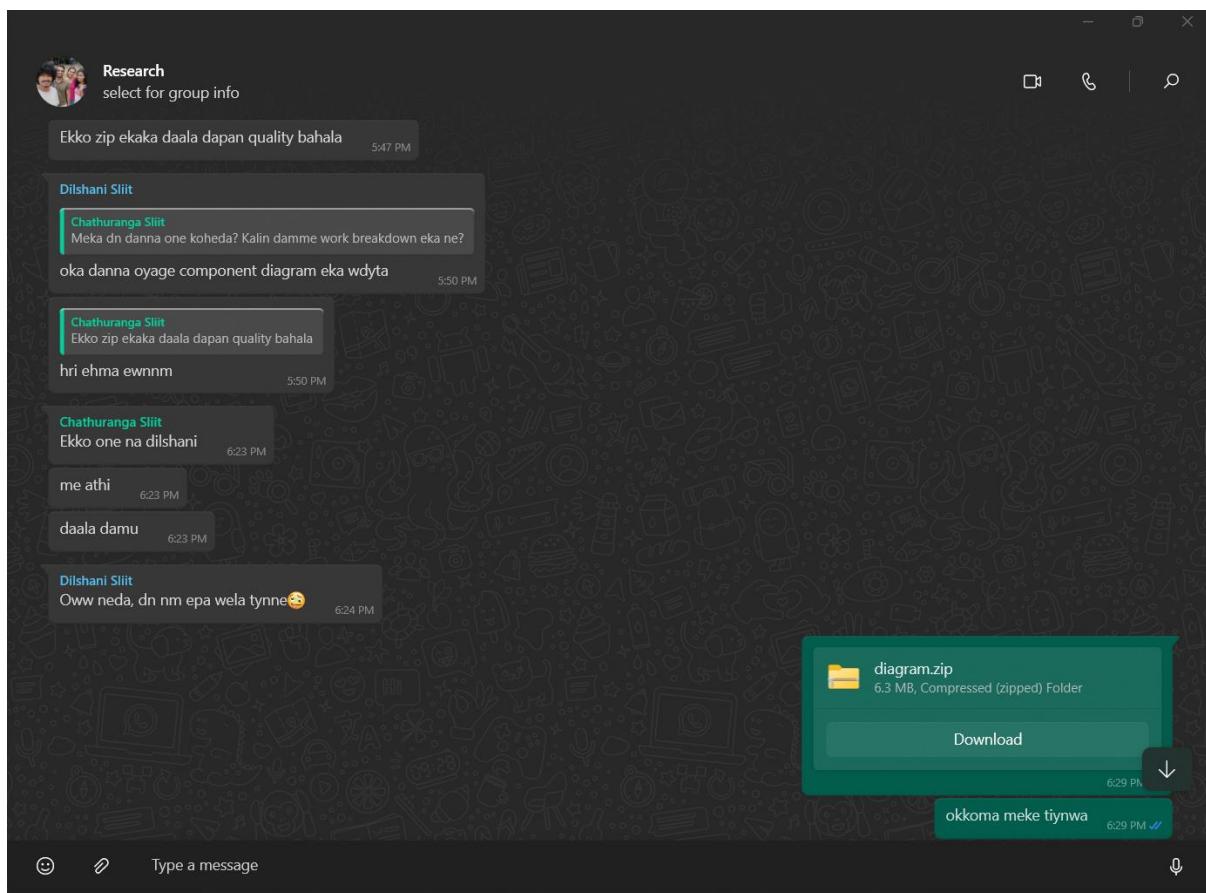
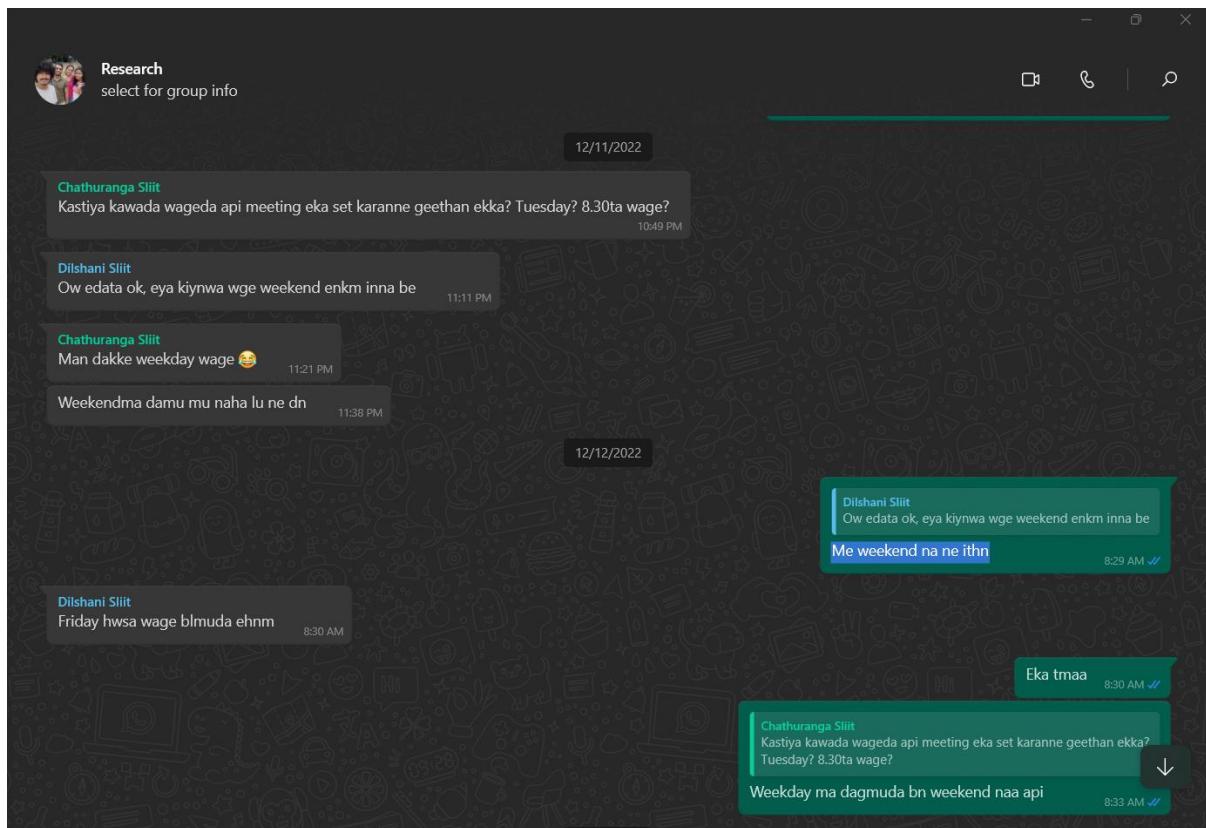
- 1/28 6:22 PM Recording has started
- 1/28 6:51 PM Call ended **1h 7m 57s**
- 1/28 6:51 PM Recording has stopped. Saving recording...

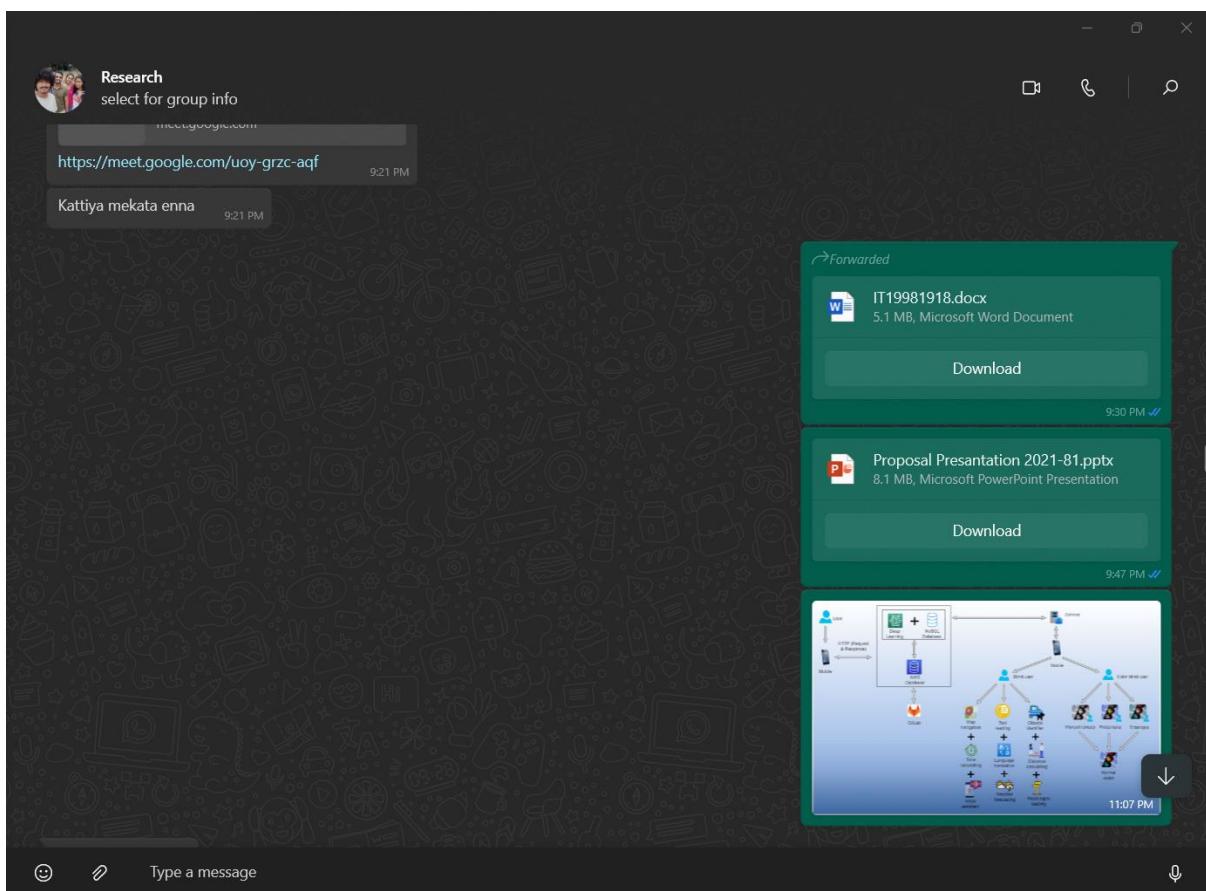
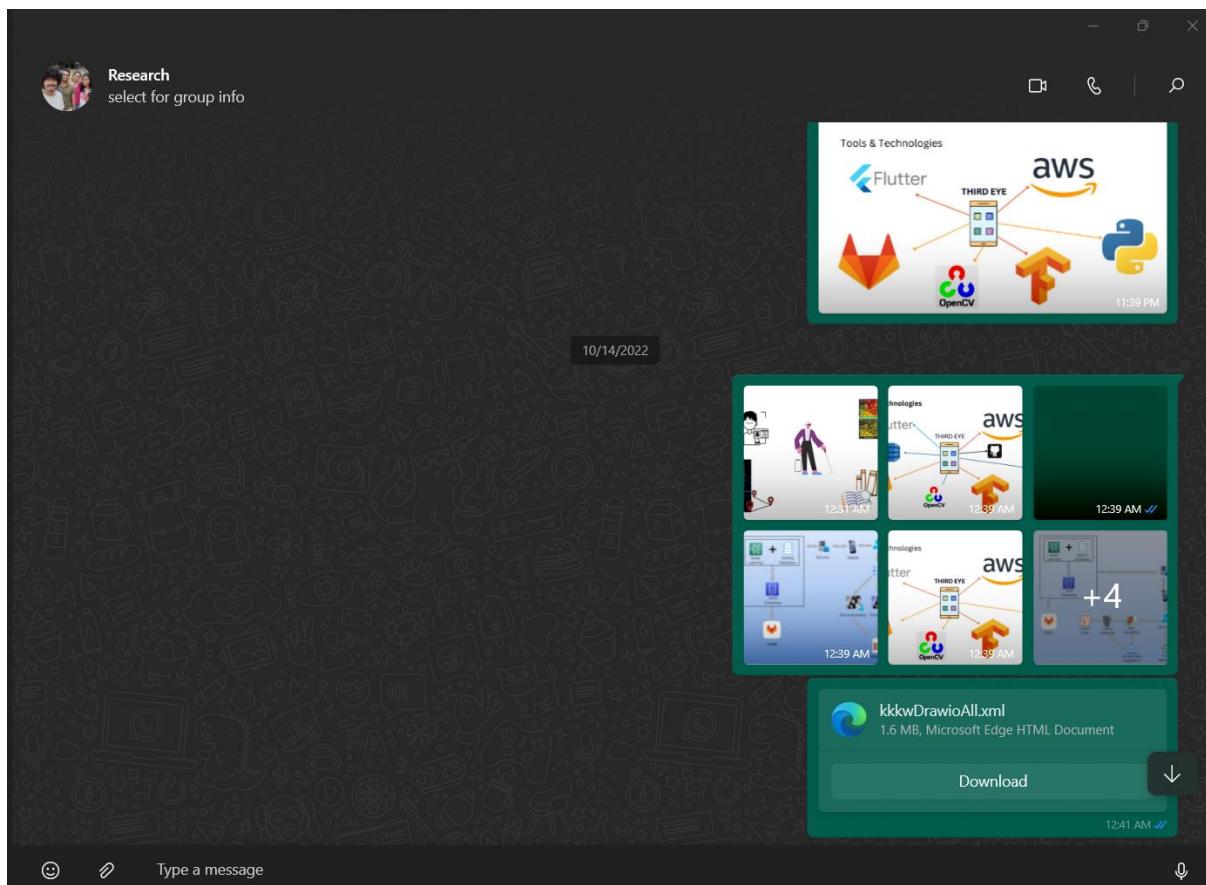
Below the call logs, there's a recording preview window showing a video feed and the text "Recording Aththanayake A.M.N.D. i... 28m 57s". A note below the preview says, "This recording is set to expire. View or change the expiration date [here](#). [Learn more](#)".

At the bottom, a message from "Aththanayake A.M.N.D. it19981918" changes the group name to "We 4 - Research Group". The date "Wednesday, February 1" is also visible. The message input field at the bottom contains placeholder text "Type a new message" and various message composition icons.

The screenshot shows the "Calls" section of the WhatsApp mobile application. The search bar at the top contains the text "research". Below the search bar, a list of call entries is shown:

- Research** Missed 2/2
- Research** Incoming 2/2
- Research** Missed 1/29
- Research** Missed 1/29
- Research** Missed 1/28
- Research** Missed 1/27
- Research** Missed 1/12
- Research** Incoming (2) 1/9





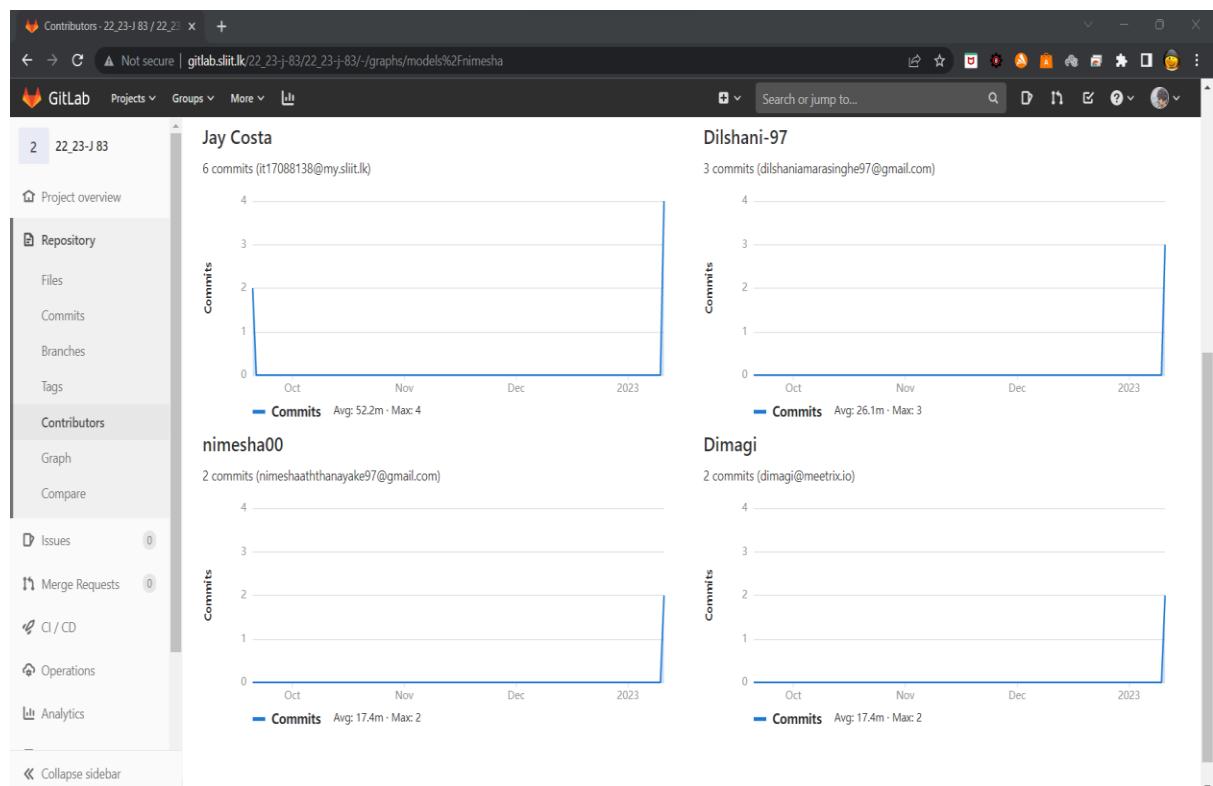
5.3 GitLab Contribution

GitLab Project Overview: 22_23-J-83

Branches:

- Active branches:
 - Y **master** default protected
-> [ebbd7967](#) - to decision tree classifier · 3 days ago
 - Y **general/develop_1**
-> [793c42c1](#) - Add .gitlab-ci.yml · 1 week ago
 - Y **models/nimesha**
-> [34ebc488](#) - Merge branch 'models/nimesha' into 'general/develop_1' · 1 week ago
 - Y **models/dilshani**
-> [c0a1c403](#) - yolov4-tiny added · 1 week ago

Show more active branches



Commits · models/nimesha · 22_23 · +

Not secure | gitlab.sliit.lk/22_23-j-83/22_23-j-83/-/commits/models/nimesha

GitLab Projects Groups More Commits

2 22_23-j-83

Project overview Repository Files

Commits Branches Tags Contributors Graph Compare

Issues Merge Requests CI / CD Operations Analytics

Collage sidebar

models/nimesha 22_23-j-83

28 Jan, 2023 17 commits

yolov4-tiny added nimesha00 authored 1 week ago c0a1c403

Merge branch 'models/dilshani' into 'general/develop_1' Chathuranga Costa authored 1 week ago acf8a2e8

Merge remote-tracking branch 'origin/general/develop_1' into models/dilshani Dilshani-97 authored 1 week ago f6e2e19b

Merge branch 'models/nimesha' into 'general/develop_1' Chathuranga Costa authored 1 week ago 7e5c22e8

Model path updated Dilshani-97 authored 1 week ago 724efbb3

Voice assistant model init Dilshani-97 authored 1 week ago 6841129a

Voice assistant dataset init Dilshani-97 authored 1 week ago 78c707b6

object detection model init nimesha00 authored 1 week ago 7c8820be

Merge branch 'models/dimagi' into 'general/develop_1' Chathuranga Costa authored 1 week ago e8cbe38b

Create merge request Filter by commit message

Graph · models/nimesha · 22_23 · +

Not secure | gitlab.sliit.lk/22_23-j-83/22_23-j-83/-/network/models%2Fnimesha

GitLab Projects Groups More Commits

2 22_23-j-83

Project overview Repository Files

Commits Branches Tags Contributors Graph Compare

Issues Merge Requests CI / CD Operations Analytics

Collage sidebar

models/nimesha

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

Git revision Begin with the selected commit

Feb 2
Jan 28

models/chathuranga · master · general/develop_1 · models/nimesha · models/dilshani · models/dimagi

to decision tree classifier
Add .gitlab-ci.yml
Merge branch 'models/nimesha' into 'general/develop_1'
yolov4-tiny added
Merge branch 'models/dilshani' into 'general/develop_1'
Merge remote-tracking branch 'origin/general/develop_1' into models/dilshani
Merge branch 'models/nimesha' into 'general/develop_1'
Merge branch 'models/nimesha' into 'master'
Model path updated
Voice assistant model init
Voice assistant dataset init
object detection model init
Merge branch 'models/dimagi' into 'general/develop_1'
currency identifier model
dataset added for currency identifier
Merge branch 'models/chathuranga' into 'general/develop_1'

5.4 Teams Planner

The screenshot shows the Microsoft Teams Planner interface in Board view. The left sidebar lists various teams, and the main area displays tasks for the 'General' team under the '22_23-J 83_Third Eye' channel. The tasks are organized into three columns: 'To do', 'In Progress', and 'Done'. Each column has a header with a '+ Add task' button. The 'To do' column contains four tasks: 'create formula for other objects' (assigned to Nimesha, due 02/11), 'ishihara using support vector classification' (assigned to Chathuranga, due 02/07), 'currency identification train dataset improving' (assigned to Dimagi, due 02/13), and 'voice assistant responses dataset' (assigned to Dilshani). The 'In Progress' column contains three tasks: 'improve object identifier distance with focal length formula' (assigned to Nimesha, due 02/06), 'currency identification coin identification not working' (assigned to Dimagi, due 02/06), and 'check model accuracy for object detection' (assigned to Nimesha, due 02/13). The 'Done' column contains two tasks: 'calculate distance for a person using formula' (assigned to Nimesha, completed by Amarasinghe A.D., due 02/06) and 'check currency recognition for object detection' (assigned to Nimesha, completed by Amarasinghe A.D., due 02/13). The bottom right corner of the interface shows a 'Meet' button.

The screenshot shows the Microsoft Teams Planner interface in List view. The left sidebar lists various teams, and the main area displays tasks for the 'General' team under the '22_23-J 83_Third Eye' channel. The tasks are listed in a table format with the following columns: Task title, Completed by, Priority, and Bucket. The tasks include: 'calculate distance for a person using formula' (Completed by Amarasinghe A.D., Priority 2/5, Bucket Done), 'check currency-recognition for object detection' (Completed by Costa M.C.J. it17088..., Priority 2/4, Bucket Done), 'check isihara model accuracy' (Completed by Costa M.C.J. it17088..., Priority 2/1, Bucket Done), 'commit individual commits' (Completed by Costa M.C.J. it17088..., Priority 2/1, Bucket Done), 'commit changes to gitlab' (Completed by Costa M.C.J. it17088..., Priority 2/1, Bucket Done), 'plan-presentation slides' (Completed by Amarasinghe A.D., Priority 2/1, Bucket Done), 'check model accuracy for object detection' (Completed by Amarasinghe A.D., Priority 2/1, Bucket Done), 'check chatbot accuracy for AI-assistant' (Completed by Amarasinghe A.D., Priority 2/1, Bucket Done), 'Individual-Proposal-Doc-Nimesha' (Completed by Costa M.C.J. it17088..., Priority 10/2022, Bucket Done), 'Individual-Proposal-Doc-Dilshani' (Completed by Costa M.C.J. it17088..., Priority 10/2022, Bucket Done), 'Individual-Proposal-Doc-Costa' (Completed by Costa M.C.J. it17088..., Priority 10/2022, Bucket Done), 'Individual-Proposal-Doc-Dimagi' (Completed by Costa M.C.J. it17088..., Priority 10/2022, Bucket Done), 'Create-planner-MS-Teams' (Completed by Costa M.C.J. it17088..., Priority 10/2022, Bucket Done), and 'Create-Gitlab-Repository' (Completed by Costa M.C.J. it17088..., Priority 10/2022, Bucket Done). The top right corner of the interface shows a 'Meet' button.

General

To do

In Progress

Done

Add new bucket

Nimesha

create formula for other objects

improve object identifier distance with focal length formula

calculate distance for a person using formula

Completed tasks 7

Completed by Amarasinghe A.D i...

Dimagi Chathuranga Nimesha Dushani

plan-presentation-slides

Completed by Amarasinghe A.D i...

Nimesha

check model accuracy for object detection

Completed by Amarasinghe A.D i...

General

Task title

Completed by

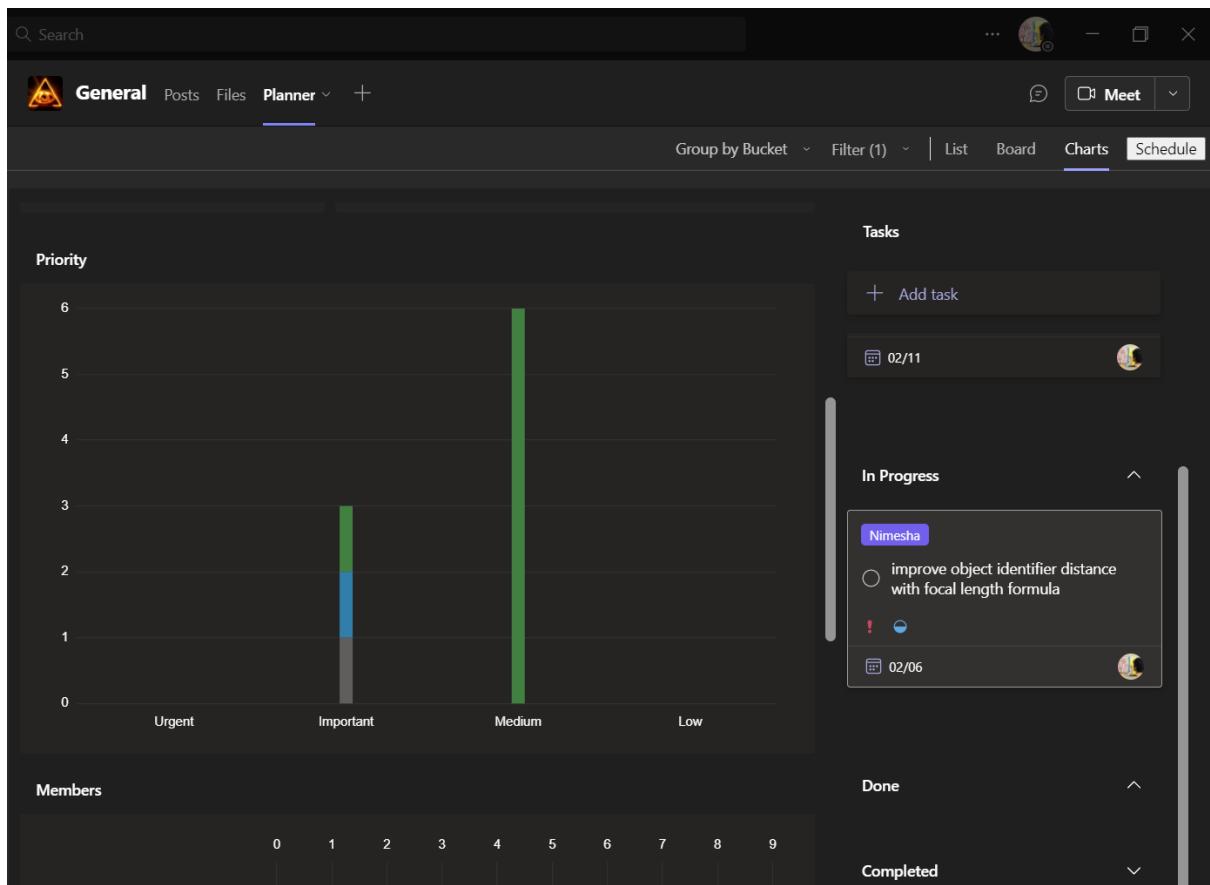
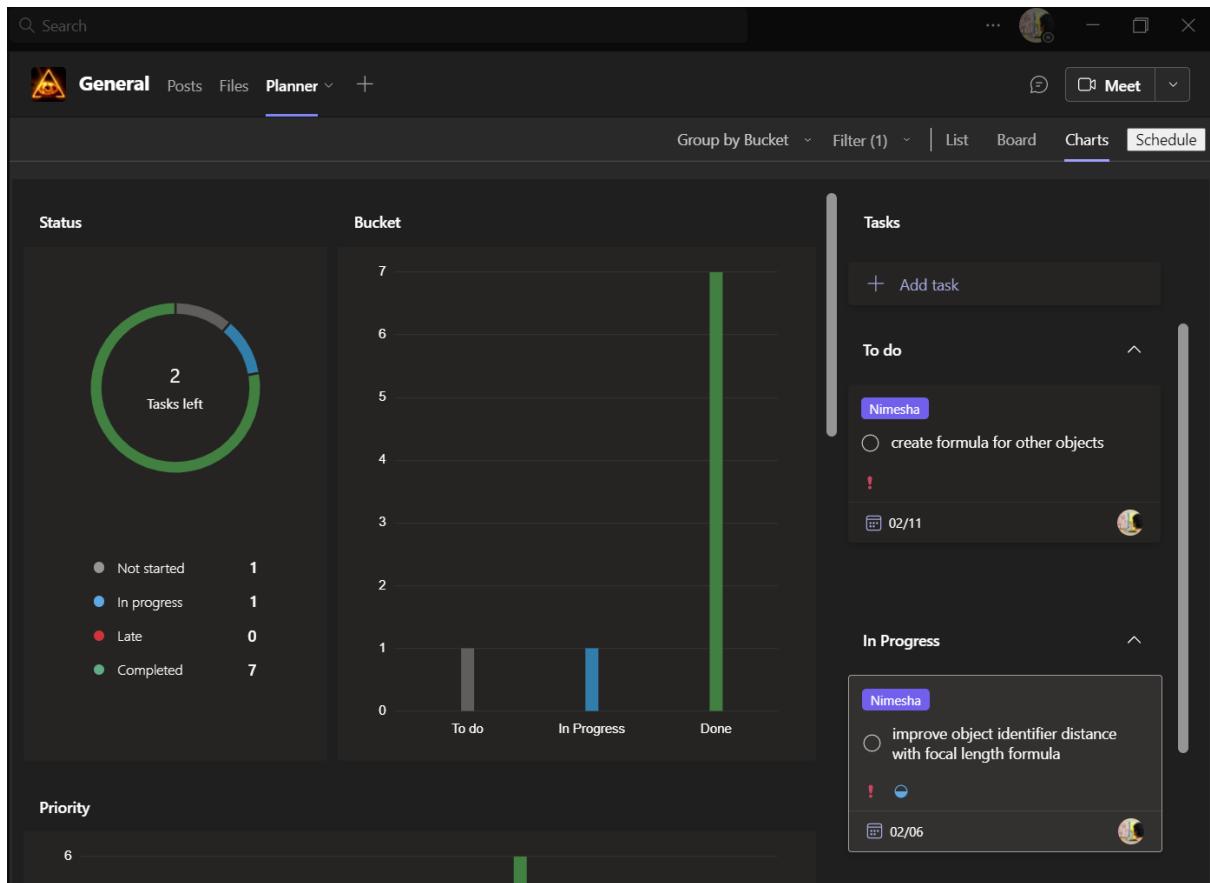
Priority

Completed

Filter (1)

List Board Charts Schedule

| Task title | Completed by | Priority | Completed | Bucket |
|---|-------------------------|----------|-----------|--------|
| calculate distance for a person using formula | Amarasinghe A.D i... | 2/5 | Done | |
| commit individual commits | Costa M.C.J. it17088... | 2/1 | Done | |
| plan presentation slides | Amarasinghe A.D i... | 2/1 | Done | |
| check model accuracy for object detection | Amarasinghe A.D i... | 2/1 | Done | |
| Individual Proposal Doc - Nimesha | Costa M.C.J. it17088... | 10/2022 | Done | |
| Create planner MS Teams | Costa M.C.J. it17088... | 10/2022 | Done | |
| Create Github Repository | Costa M.C.J. it17088... | 10/2022 | Done | |



The screenshot shows a dark-themed digital workspace interface. At the top, there's a navigation bar with a search bar, a profile icon, and various menu items like 'General', 'Posts', 'Files', 'Planner', and 'Meet'. Below the navigation is a toolbar with buttons for 'Group by Bucket', 'Filter (1)', 'List', 'Board', 'Charts', and 'Schedule'.

The main area features a Gantt chart titled 'Unassigned'. It displays four horizontal bars representing tasks:

- Aththanayake A.M.N.D. it19981918: A long green bar starting at the 7 mark and ending at the 100 mark.
- Amarasinghe A.D. it19133614: A medium-length green bar starting at the 1 mark and ending at the 60 mark.
- Costa M.C.J. it17088138: A medium-length green bar starting at the 1 mark and ending at the 60 mark.
- Jayasekara K.D.J. it19103600: A medium-length green bar starting at the 1 mark and ending at the 60 mark.

To the right of the Gantt chart is a sidebar titled 'Tasks' with a button to '+ Add task'. It lists several tasks grouped by assignee:

- Nimesha**:
 - ✓ Individual Proposal Doc - Nimesha
 - ⌚ Completed by Costa M.C.J. it170...
- Dimagi Chathuranga Nimesha Dilshani**:
 - ✓ Create planner MS Teams
 - ⌚ Completed by Costa M.C.J. it170...
- Dimagi Chathuranga Nimesha Dilshani**:
 - ✓ Create Gitlab Repository
 - ⌚ Completed by Costa M.C.J. it170...

This screenshot shows a dark-themed digital workspace interface similar to the one above, but with a different layout. At the top, there's a navigation bar with a search bar, a profile icon, and menu items like 'General', 'Posts', 'Files', 'Planner', and 'Meet'. Below the navigation is a toolbar with buttons for 'Group by Bucket', 'Filter (1)', 'List', 'Board', 'Charts', and 'Schedule'.

The main area features a calendar for February 2023. The days of the week are labeled: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday. The dates from 29 to 25 are shown in a grid format. Some days have floating action buttons or cards:

- February 1: check mo... (green)
- February 1: commit in... (green)
- February 1: plan prese... (green)
- February 6: calculate ... (blue)
- February 6: improve o... (blue)
- February 11: create formu... (grey)

To the right of the calendar is a sidebar titled 'Unscheduled tasks' with a button to '+ Add task'. It lists tasks categorized by status:

- To do**
- In Progress**
- Done**
- Completed**