

MEDISAFE - STAY AWAY AND DEFEAT DISEASE

2022 - 143

Project Status Document 1 - Individual

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Declaration

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

Name	Student Id	Signature
Thennakoon T.M.B.C.K	IT18077698	

The supervisor/s should certify the proposal report with the following declaration.

The above candidates are carrying out research for the undergraduate Dissertation under my supervision.

.....
Signature of the Supervisor

.....
Date

Table of content

Declaration	2
Table of content.....	3
List of Figures	4
1. Updated Gantt chart.....	5
2. Work breakdown structure	6
3. Project management tool	7
3.1 Microsoft teams	7
<input type="checkbox"/> Supervisors group.....	7
<input type="checkbox"/> Research team members	8
<input type="checkbox"/> Project milestones	9
<input type="checkbox"/> Main milestone	9
<input type="checkbox"/> Individual milestone.....	10
<input type="checkbox"/> Task analysis	12
3.2 GitLab usage.....	Error! Bookmark not defined.
<input type="checkbox"/> Project Overview	13
<input type="checkbox"/> Project members	13
<input type="checkbox"/> Created branches	14
<input type="checkbox"/> Repository files.....	14
4. Test results & how system testes	15
5. Documentation works.....	16
6. Appendixes	17
<input type="checkbox"/> Shared posts and meetings with Supervisors.....	17
<input type="checkbox"/> Shared posts and meetings with group members	21
<input type="checkbox"/> Some snapshots of Meetings.....	24

List of Figures

Figure 1-1: Gantt chart	5
Figure 2-1: Work breakdown structure	6
Figure 3-1: Supervisors Microsoft teams group.....	7
Figure 3-2: Co-supervisor progress checking group.....	7
Figure 3-3: Student Microsoft teams group	8
Figure 3-4: Overall workflow	9
Figure 3-5: Individual workflow_1	10
Figure 3-6: Individual workflow_2.....	11
Figure 3-7: Task analysis	12
Figure 3-8: Project overview.....	13
Figure 3-9: Project members	13
Figure 3-10: Branches	14
Figure 3-11: Repository files	14
Figure 4-1: Implemented device	15
Figure 4-2: Test result	15
Figure 5-1: Overleaf document	16
Figure 6-1: Shared posts and meetings_1	17
Figure 6-2: Shared posts and meetings_2	18
Figure 6-3: Shared posts and meetings_3	19
Figure 6-4: Weekly progress checking	20
Figure 6-5: Shared post and meeting (Group members)_1	21
Figure 6-6: Shared post and meeting (Group members)_2	22
Figure 6-7: Shared post and meeting (Group members)_3	23
Figure 6-8: Snapshots of meetings_1	24
Figure 6-9: Snapshots of meetings_2.....	25

1. Updated Gantt chart

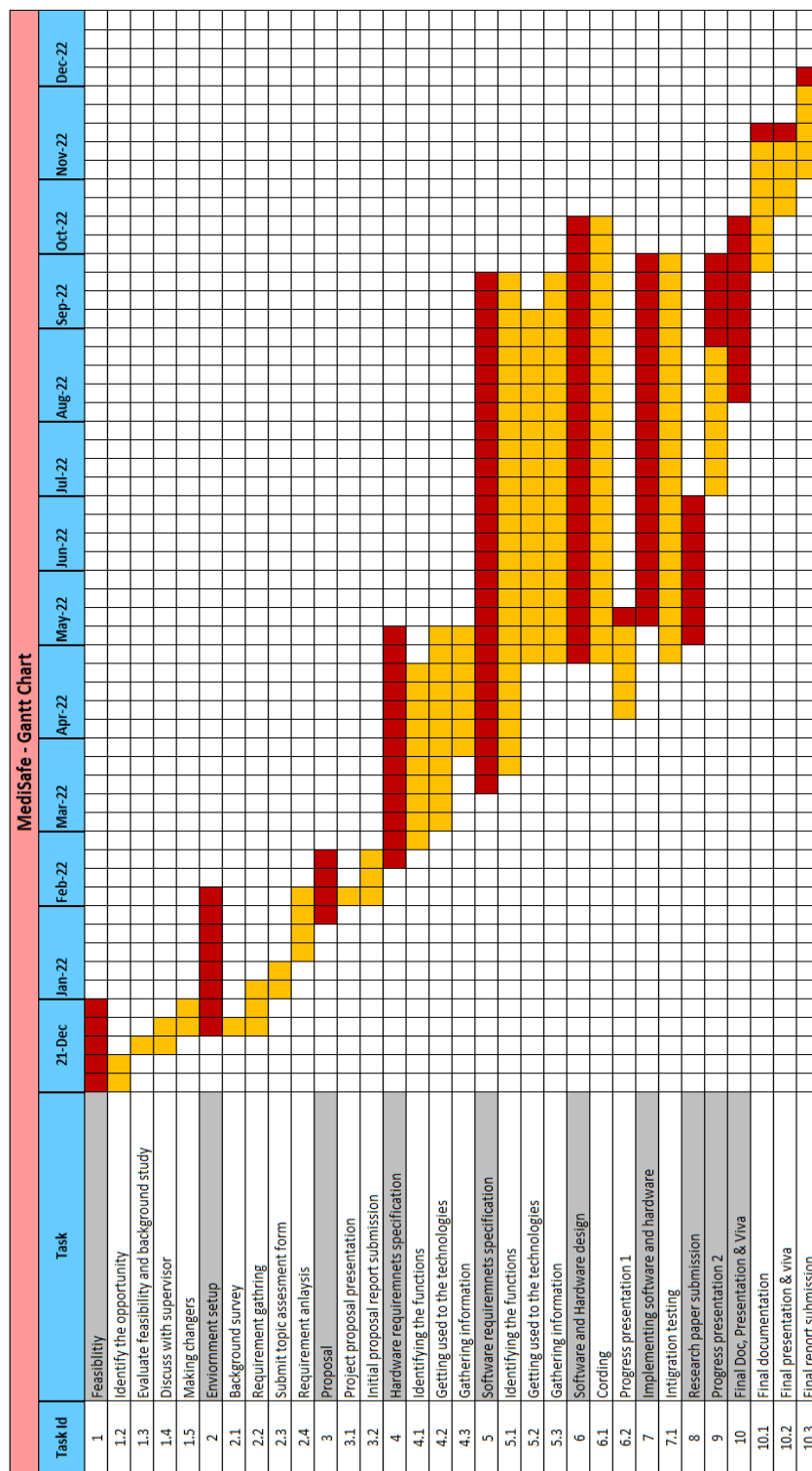


Figure 1-1: Gantt chart

2. Work breakdown structure

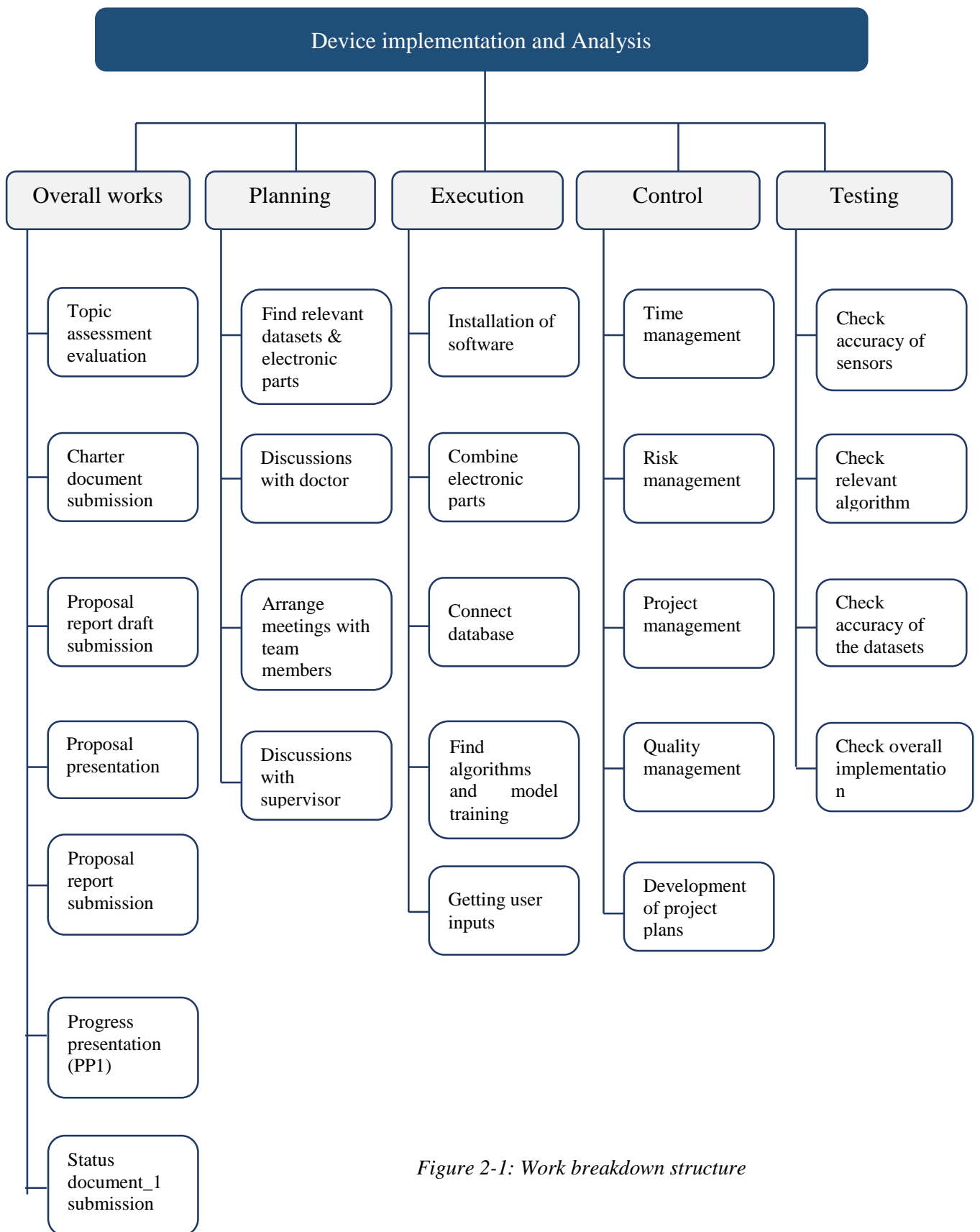


Figure 2-1: Work breakdown structure

3. Project management tool

3.1 Microsoft teams

- Supervisors group

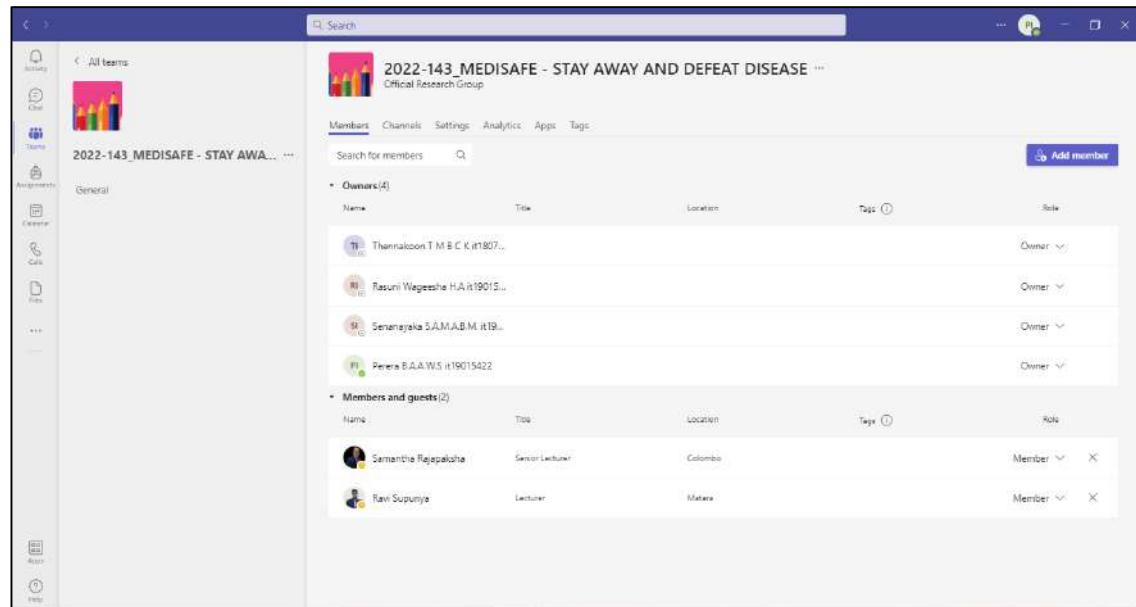


Figure 3-1: Supervisors Microsoft teams group

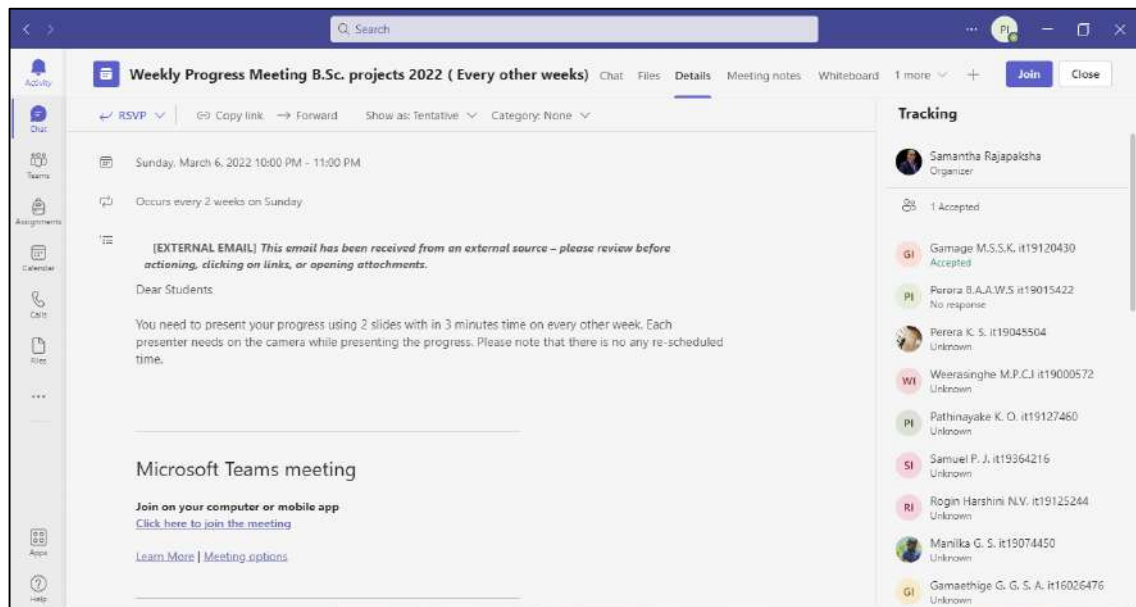


Figure 3-2: Co-supervisor progress checking group

- **Research team members**

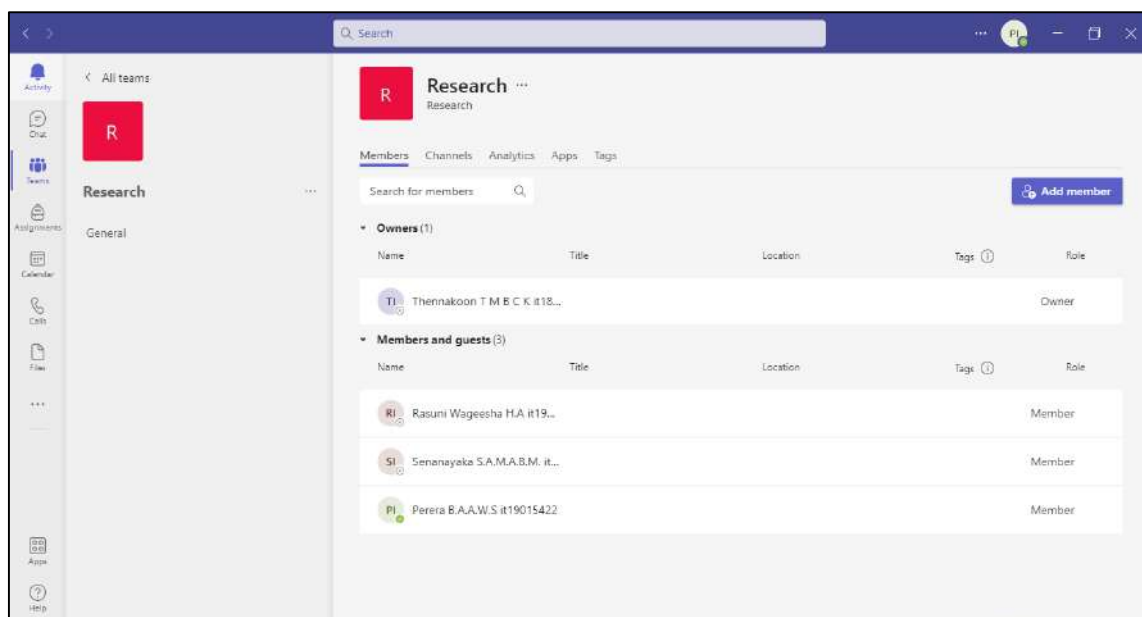
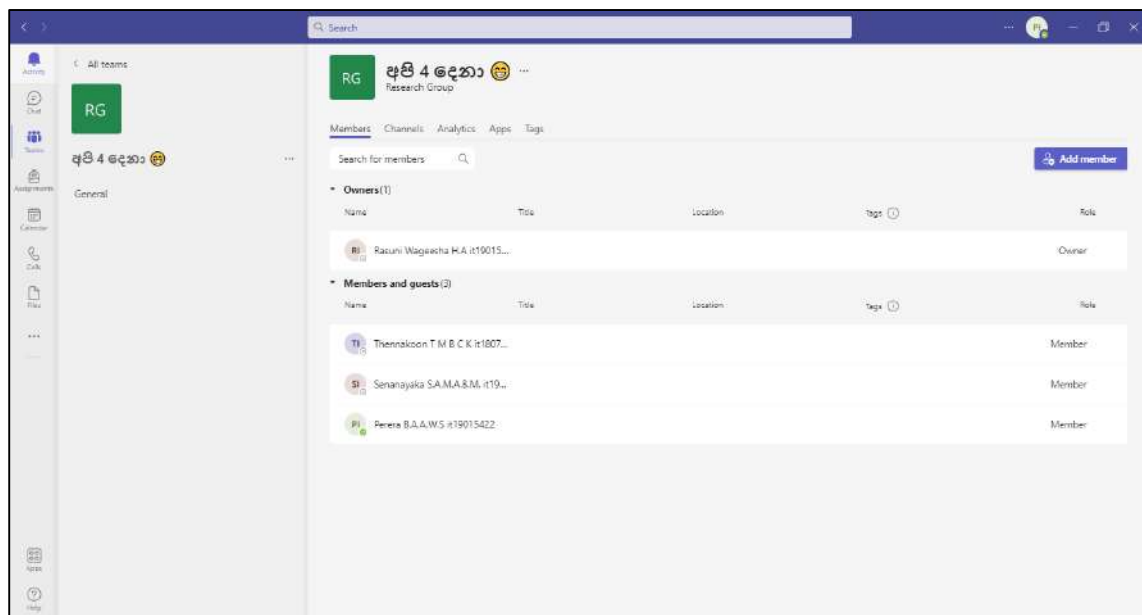


Figure 3-3: Student Microsoft teams group

➤ Project milestones

- Main milestone

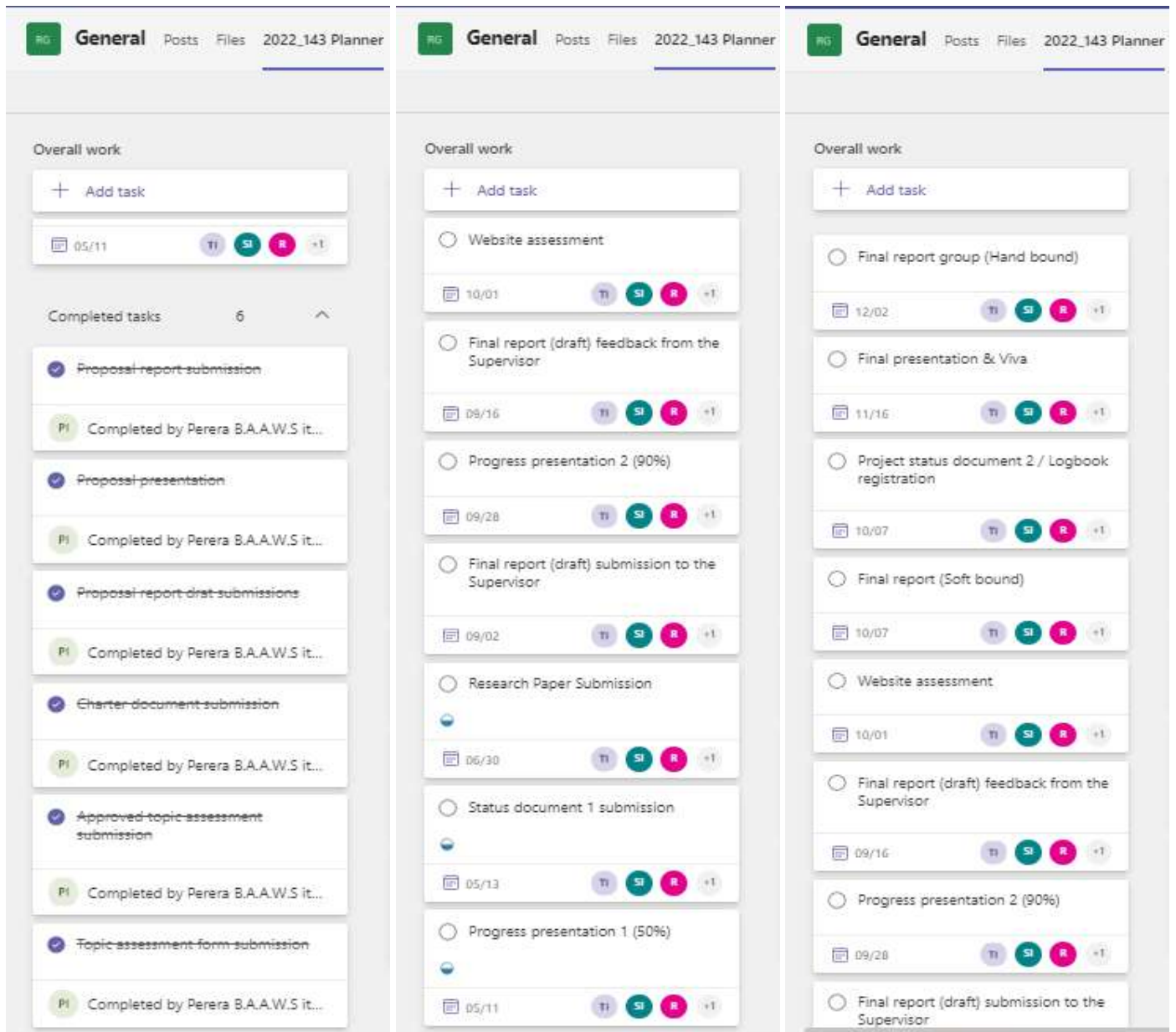


Figure 3-4: Overall workflow

- **Individual milestone**

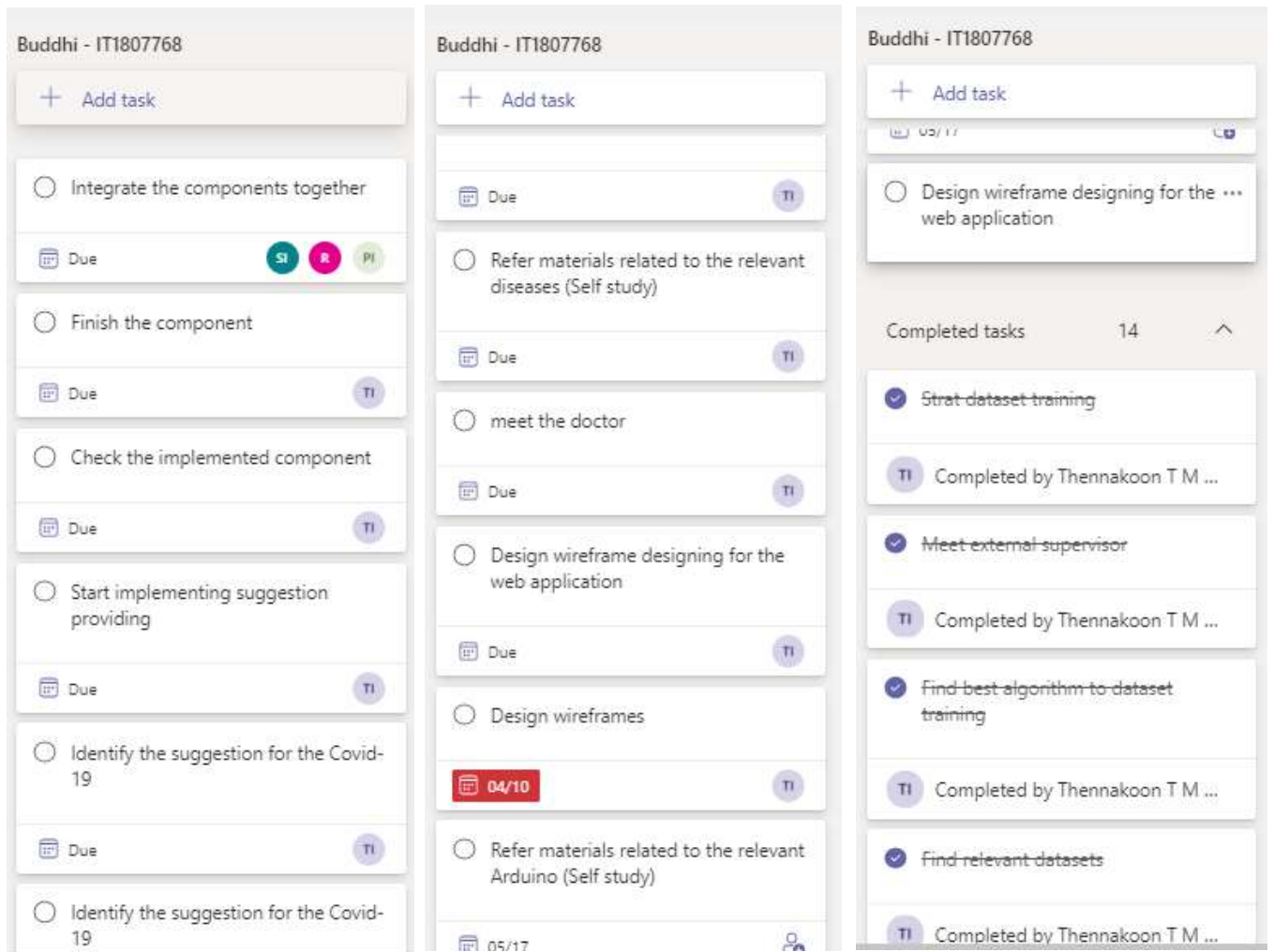


Figure 3-5: Individual workflow_1

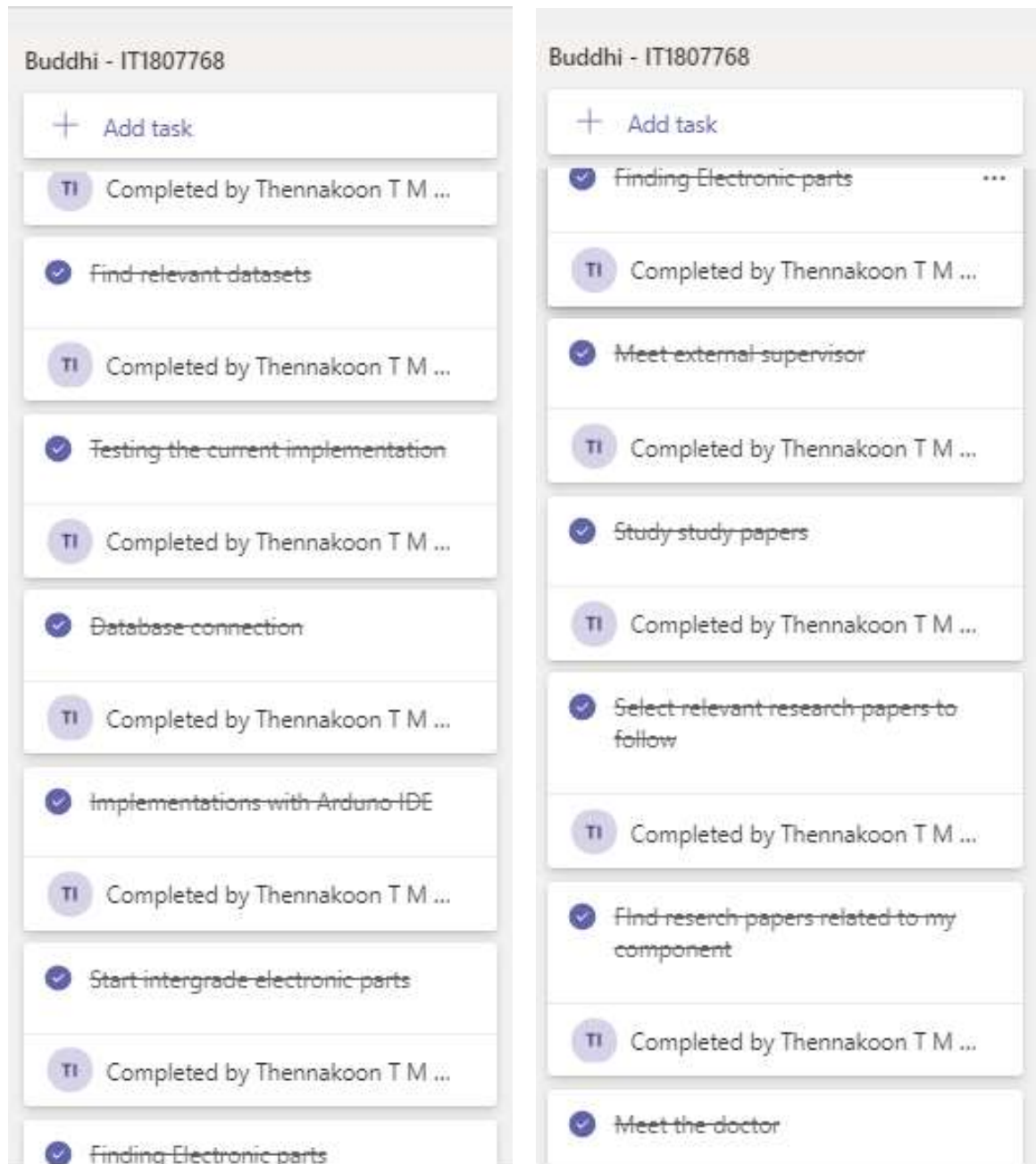


Figure 3-6: Individual workflow_2

➤ Task analysis

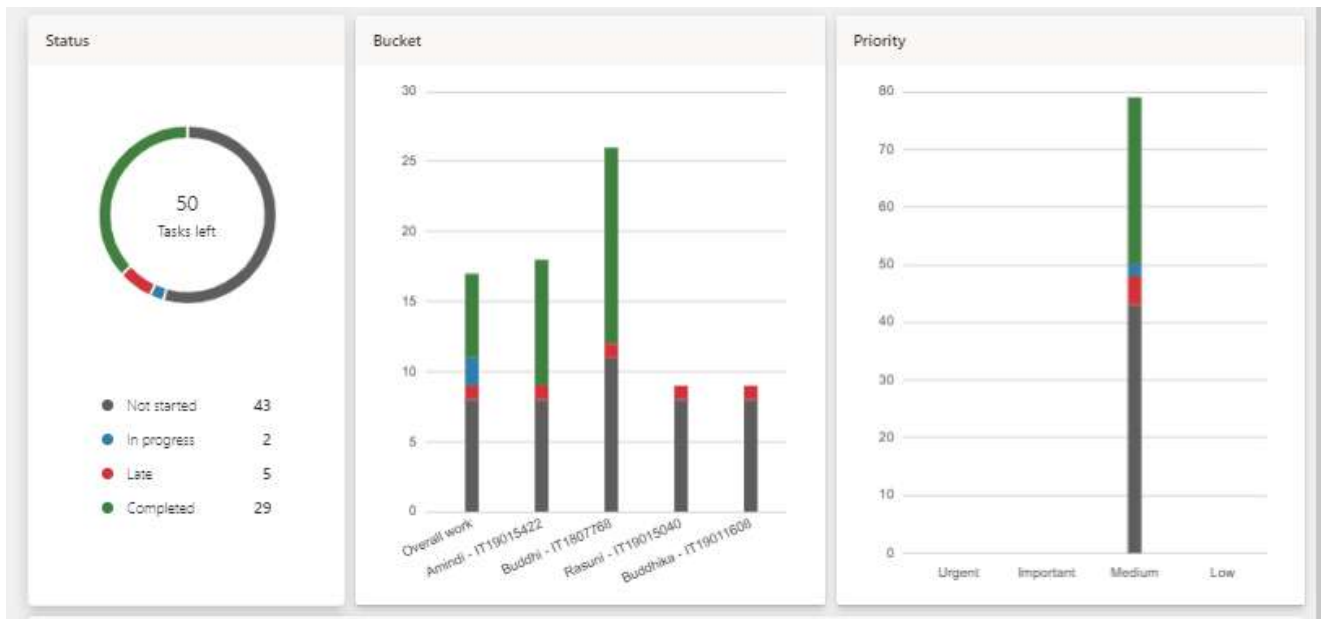


Figure 3-7: Task analysis

3.2 GitLab usage

- **Project Overview**

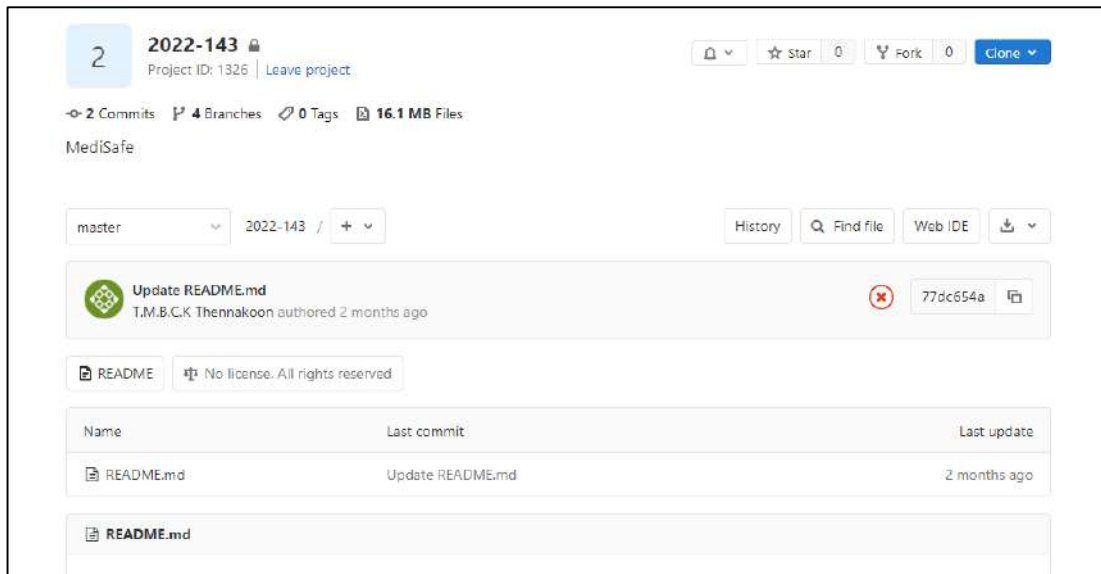


Figure 3-8: Project overview

- **Project members**

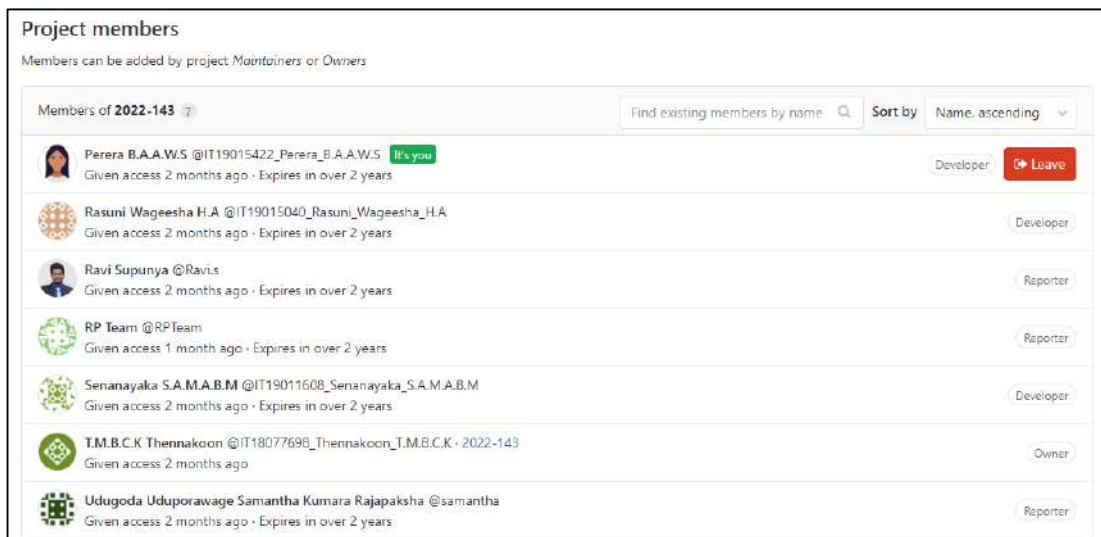


Figure 3-9: Project members

- Created branches











Active branches				
IT19015040-lungDisease	0 1	Merge request	Compare	 
Fdc8c755 · Add lung diseases Files · 3 hours ago				
IT19015422-diseaseAnalysis	0 1	Merge request	Compare	 
a551f995 · Disease analysis files added · 4 hours ago				
IT19011608-spreadRate	0 1	Merge request	Compare	 
4d16f56a · Add spreadRate files · 4 hours ago				
master default protected				 
77dc654a · Update README.md · 2 months ago				
IT18077698-deviceImplementationAnalysis	0 0	Merge request	Compare	 
77dc654a · Update README.md · 2 months ago				

Figure 3-10: Branches

- Repository files








2022-143 > 2022-143 > Repository		
master	2022-143 / covid /	
   		
 add the device implementation files T.M.B.C.K Thennakcon authored 44 minutes ago		
be2e229e		
Name	Last commit	Last update
-		
· .ipynb_checkpoints	add the device implementation files	44 minutes ago
· __pycache__	add the device implementation files	44 minutes ago
· Runcovid.py	add the device implementation files	44 minutes ago
· TestCode.ipynb	add the device implementation files	44 minutes ago
· covid.py	add the device implementation files	44 minutes ago
· covid_model.sav	add the device implementation files	44 minutes ago
· data_set.csv	add the device implementation files	44 minutes ago
· model.sav	add the device implementation files	44 minutes ago

Figure 3-11: Repository files

4. Test results & how system testes

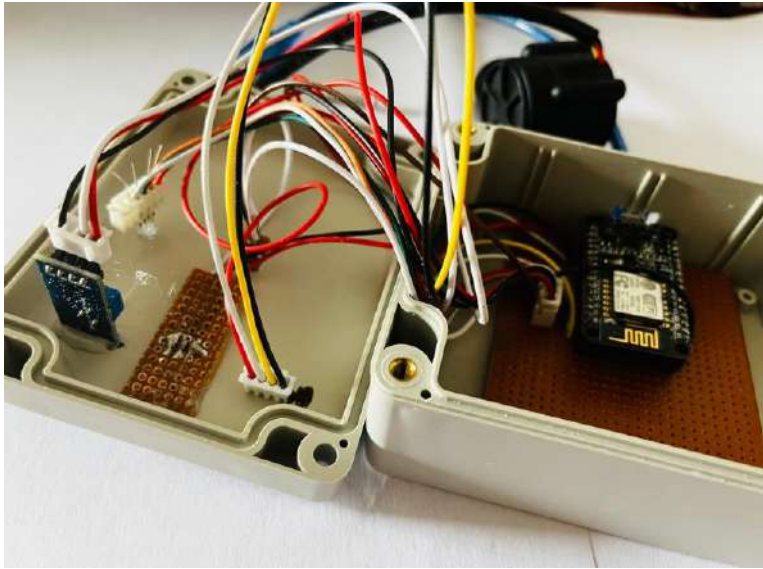


Figure 4-1: Implemented device

```
C:\WINDOWS\system32\cmd.exe

(covid) C:\Users\user>cd C:\Users\user\Desktop\24-04-2022\covid
(covid) C:\Users\user\Desktop\24-04-2022\covid>C:
(covid) C:\Users\user\Desktop\24-04-2022\covid>python Runcovid.py
type oxygen level : 90
type your pulse : 96
type your Temperature : 90
confidence : 100.0 %
The probability of having a covid infection is 35.36000000000004%
Traceback (most recent call last):
  File "Runcovid.py", line 1, in <module>
    from covid import predictc
ImportError: cannot import name 'predictc' from 'covid' (C:\Users\user\Desktop\24-04-2022\covid\covid.py)
(covid) C:\Users\user\Desktop\24-04-2022\covid>
```

Figure 4-2: Test result

5. Documentation works

Link: <https://www.overleaf.com/8442395484mzjdyqfjsvgr>

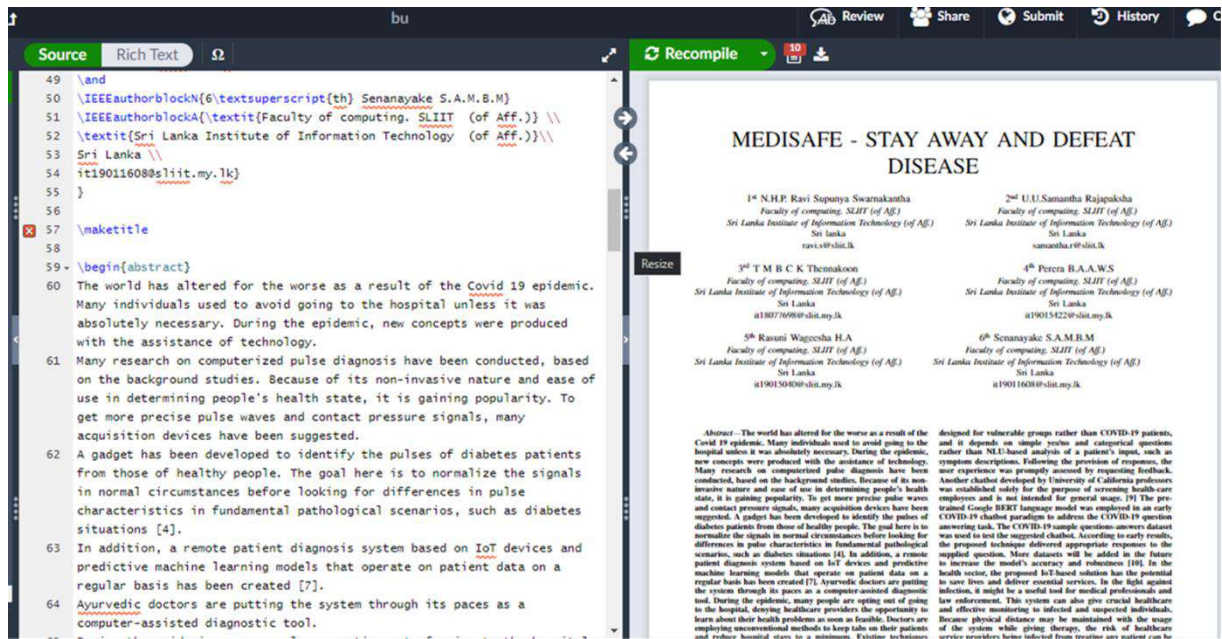


Figure 5-1: Overleaf document

6. Appendixes

- Shared posts and meetings with Supervisors

The figure consists of two screenshots of a Microsoft Teams chat window. The top screenshot shows a chat titled 'General' with a post from Ravi Supriya dated 12/6/2021 9:21 AM. The post contains a table titled 'Tentative Dates for RP Assessments-2022 Regular Batch'.

No	Assessment / Milestone	Assessing Individual/ Group	Date of assessment	Document submission Deadline	Marksheet
1	Pre-orientation meeting	Group	05th November 2021		N/A
2	Online registration for the topic (individual)	Individual		10th November 2021	N/A
3	Topic orientation/Topic explanation	Group		17th November 2021	N/A
4	Topic Orientation (Post topic announcement)	Group	17th - 18th November 2021		N/A
5	Unit Test of Topic (Group submission)	Group		10th January 2022	N/A
6	Pre-orientation/Topic submission	Individual		10th January 2022	N/A
7	Pre-orientation/Topic (Group)	Group and Individual		10th January 2022	N/A
8	Pre-orientation/Topic submission	Individual	1st - 10th February 2022		N/A

The bottom screenshot shows the same chat window with a meeting titled 'Meeting in "General" ended: 5m 3s' and a post from Ravi Supriya dated 12/6/2021 10:42 AM asking students to rename their team name.

Figure 6-1: Shared posts and meetings_1

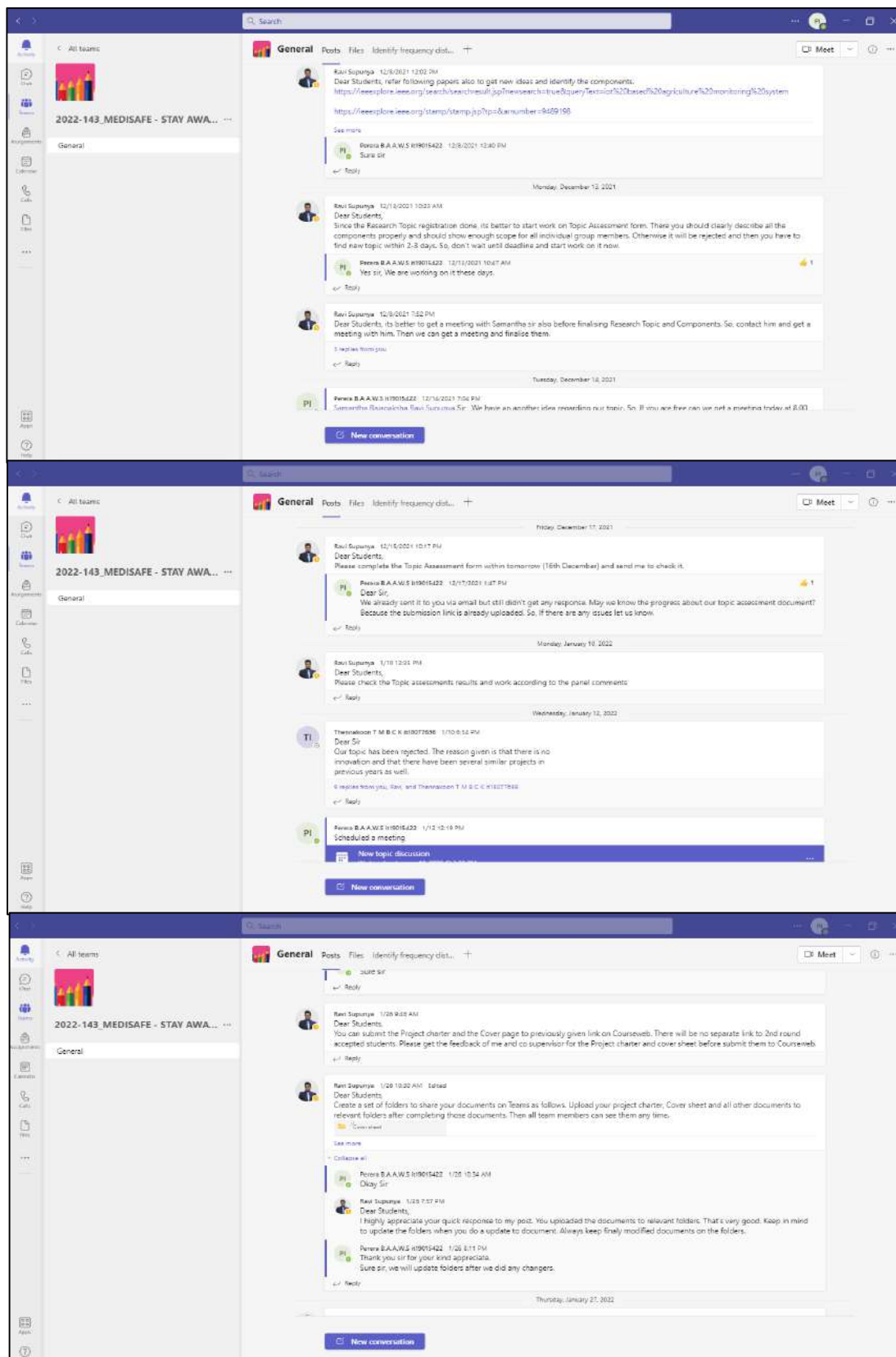


Figure 6-2: Shared posts and meetings_2

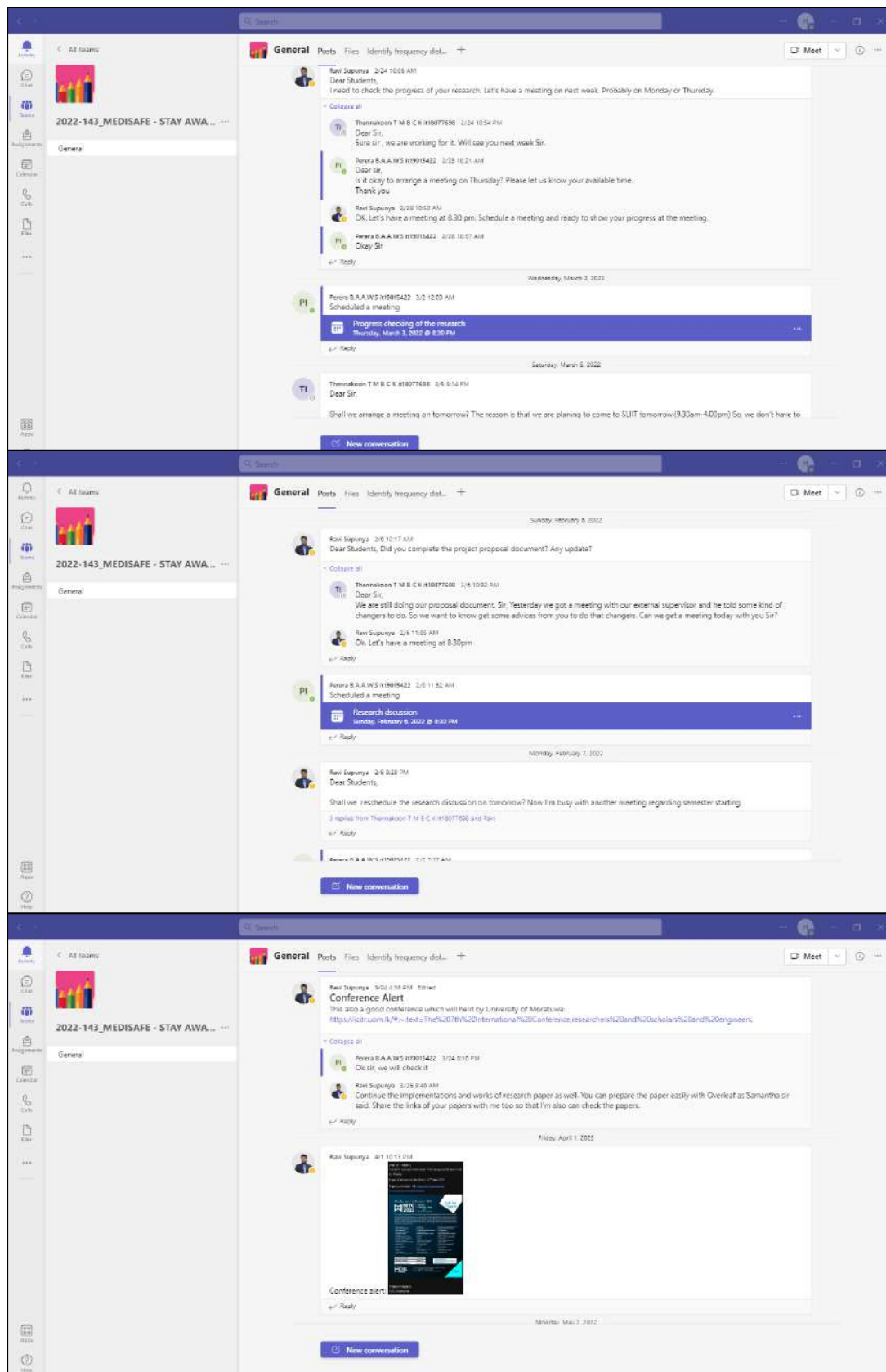


Figure 6-3: Shared posts and meetings_3

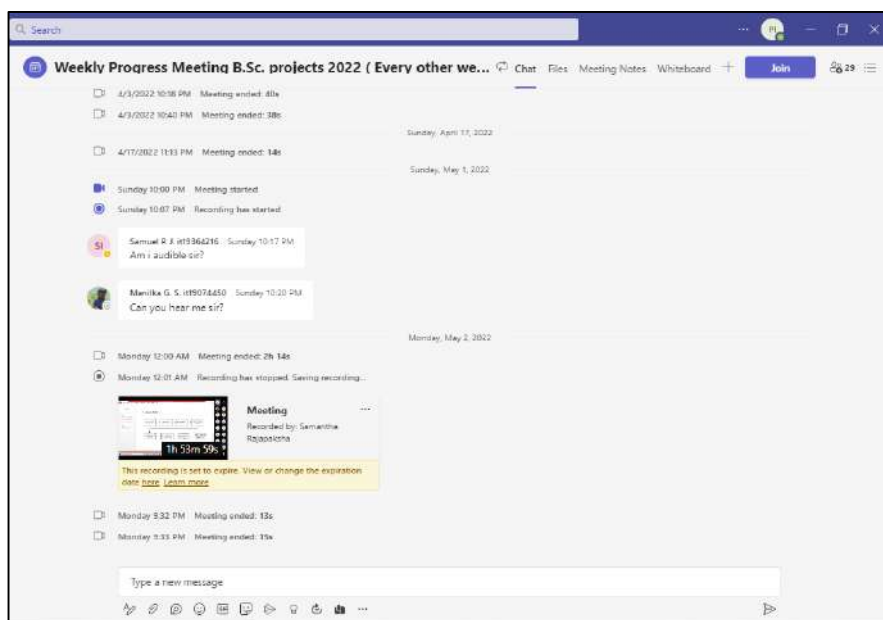
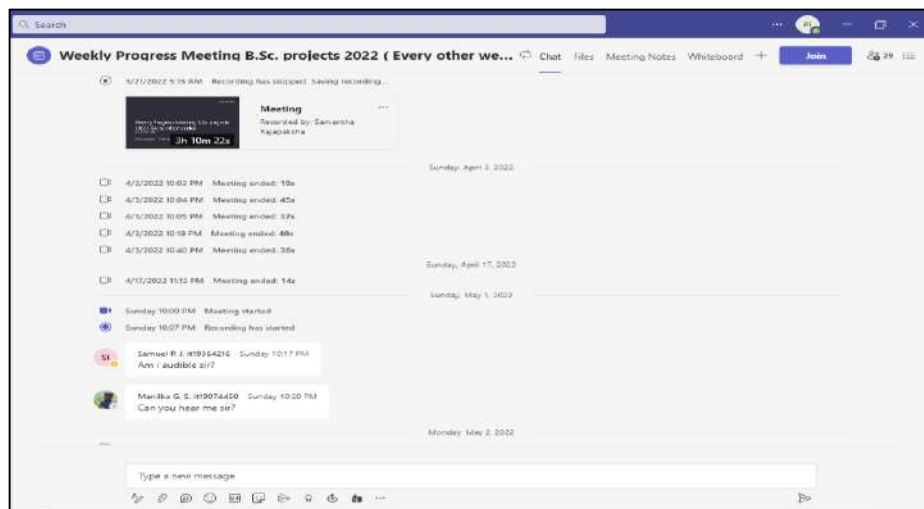
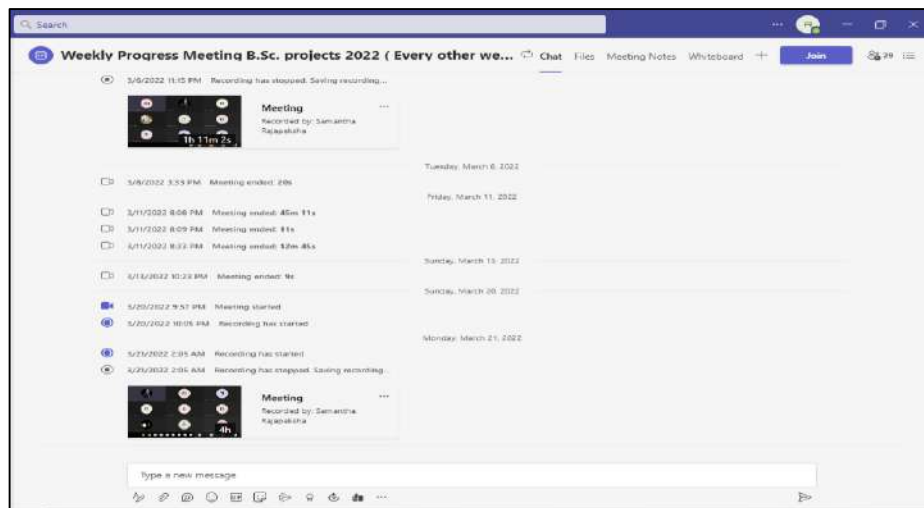


Figure 6-4: Weekly progress checking

- Shared posts and meetings with group members

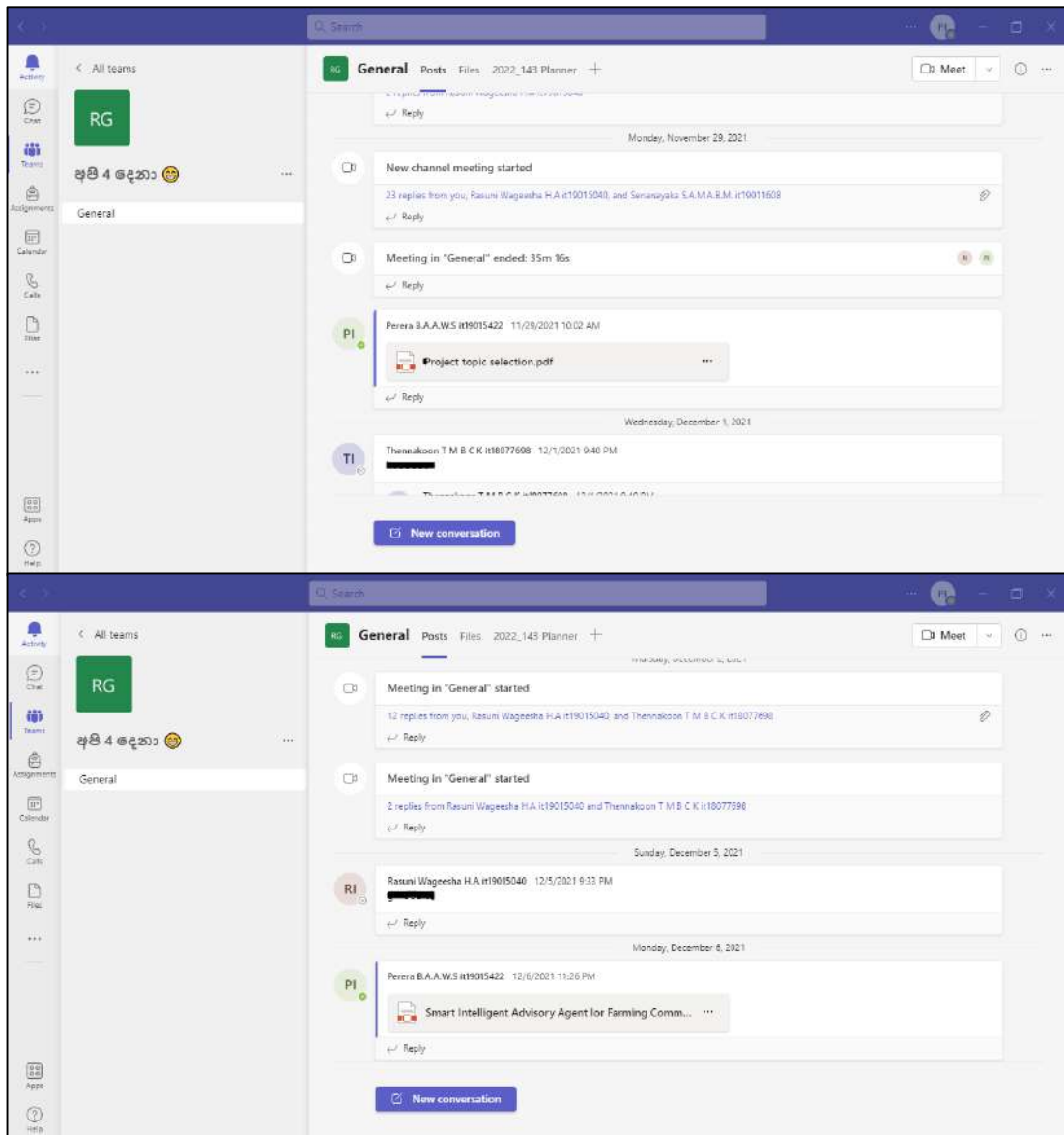


Figure 6-5: Shared post and meeting (Group members)_1

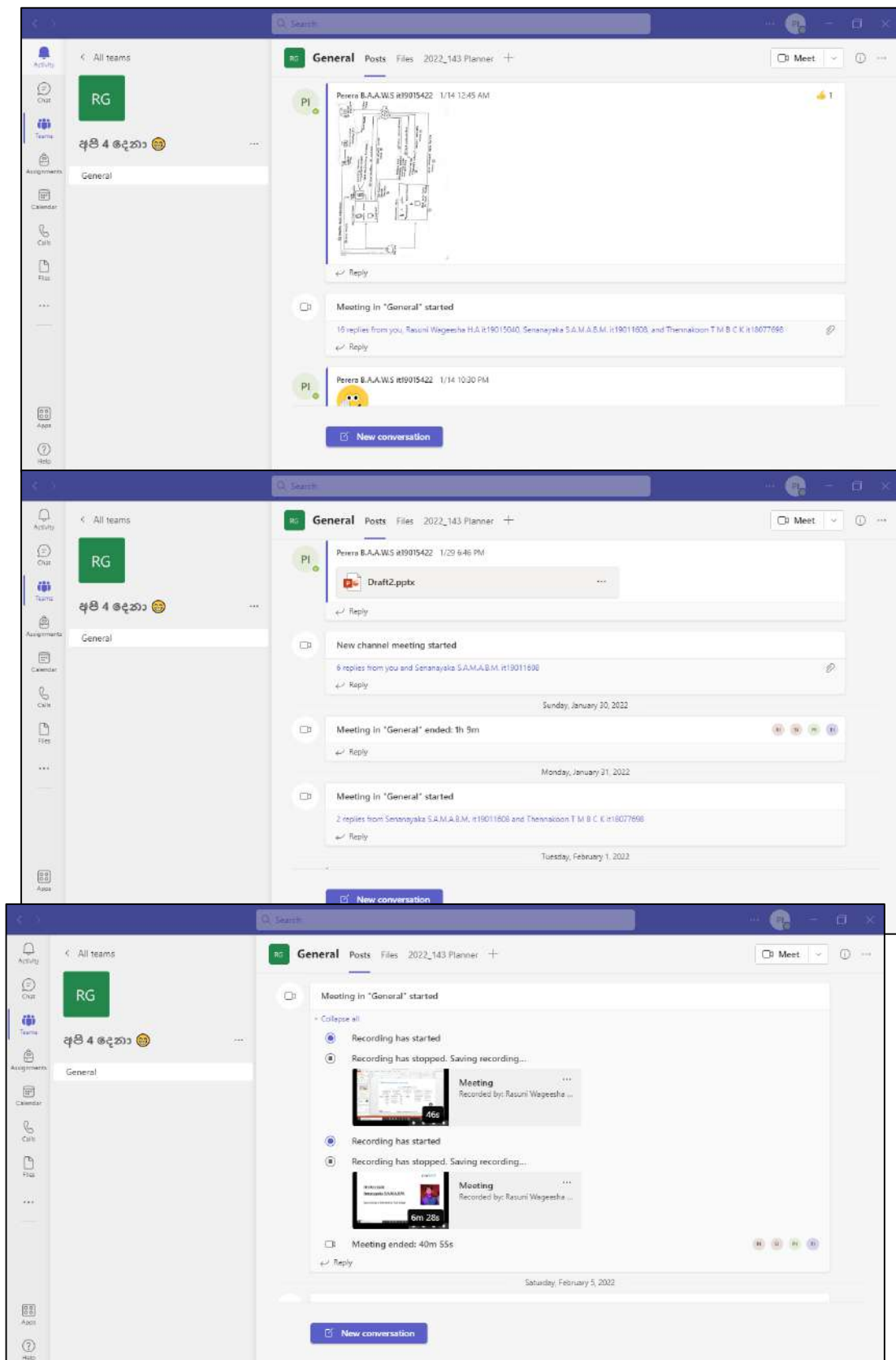


Figure 6-6: Shared post and meeting (Group members)_2

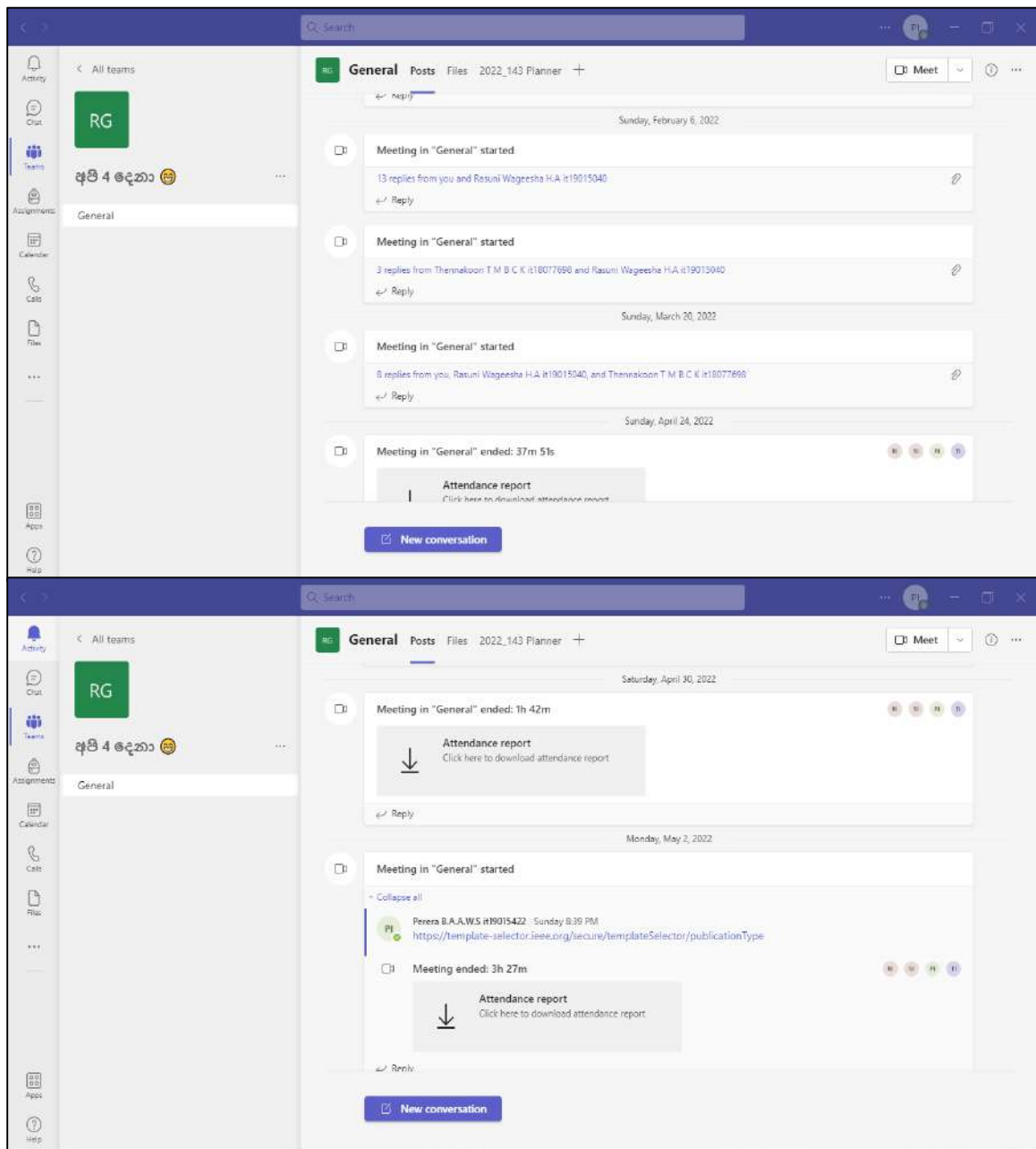


Figure 6-7: Shared post and meeting (Group members)_3

- Some snapshots of Meetings

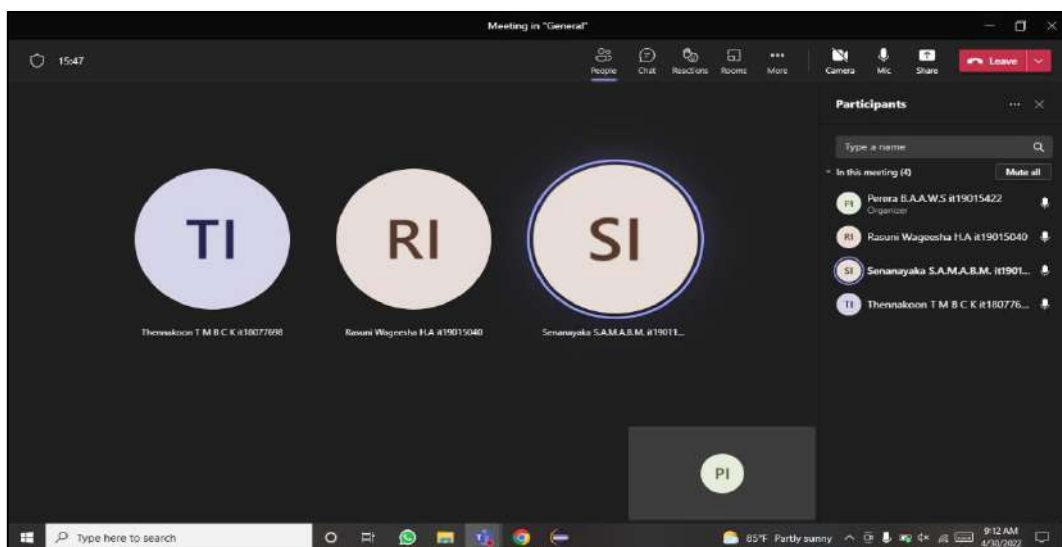
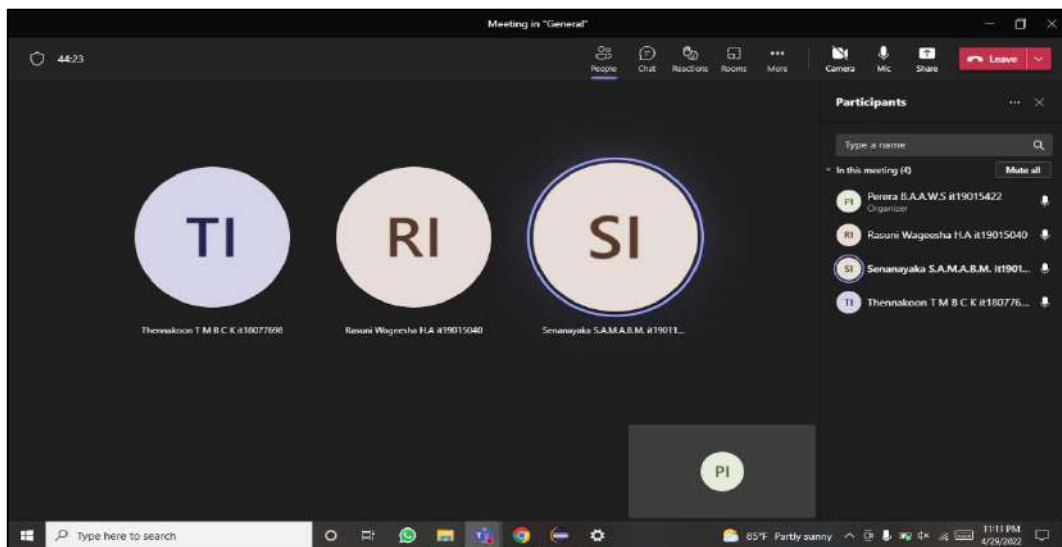


Figure 6-8: Snapshots of meetings_1

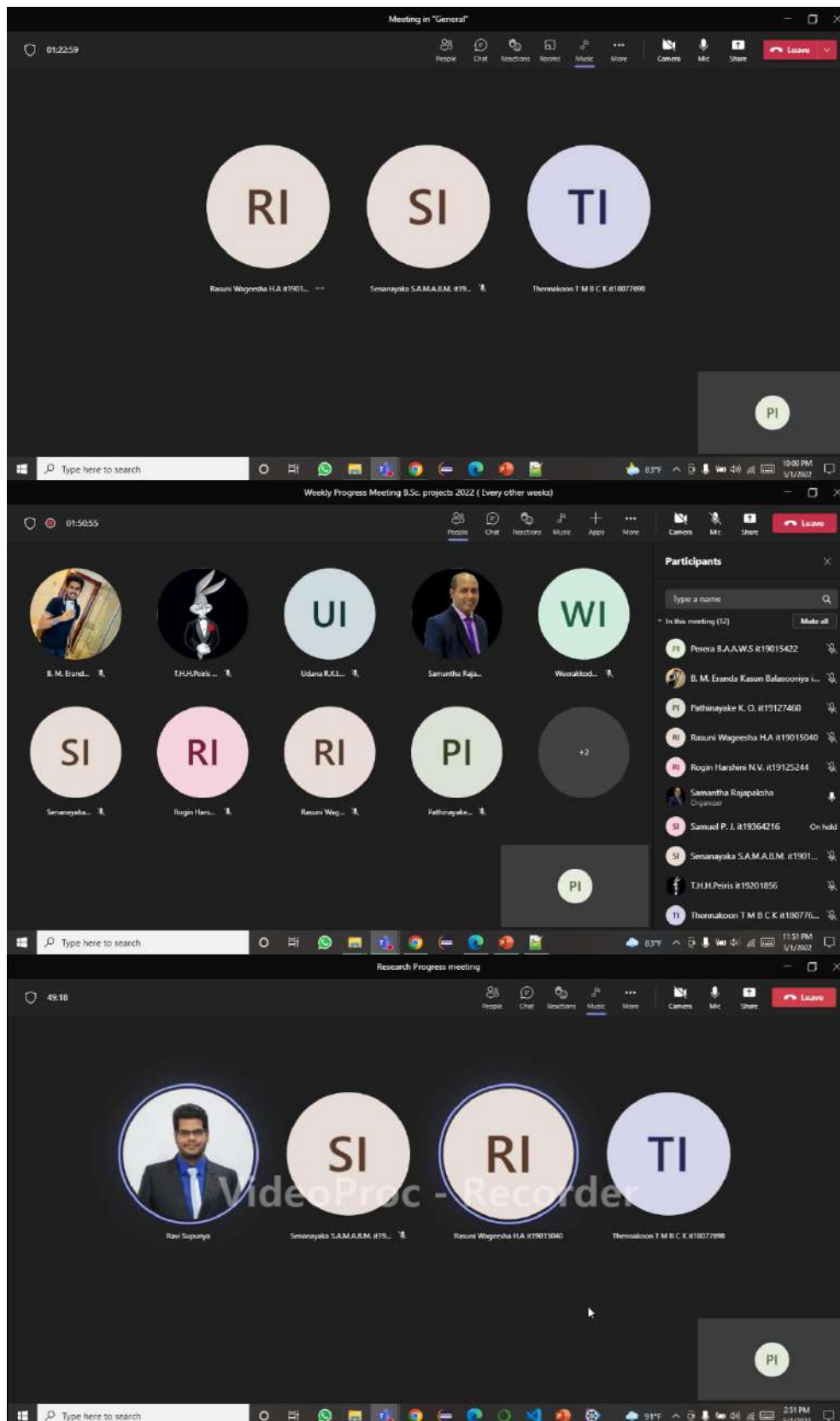


Figure 6-9: Snapshots of meetings_2