

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
Perera B.A.A.W.S	IT19015422	

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

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1. Updated Gantt chart

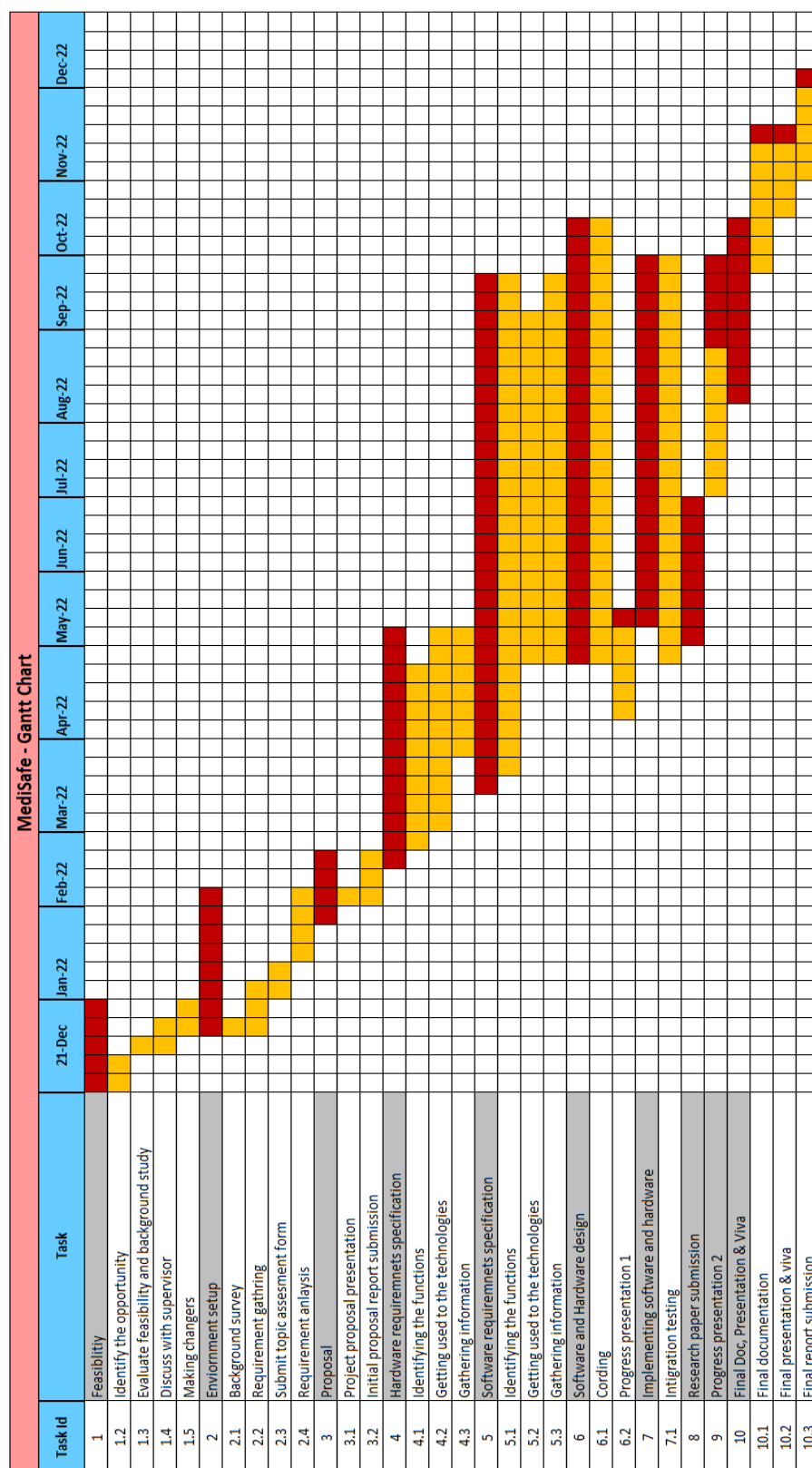


Figure 1.1: Updated Gantt chart

2. Work breakdown structure

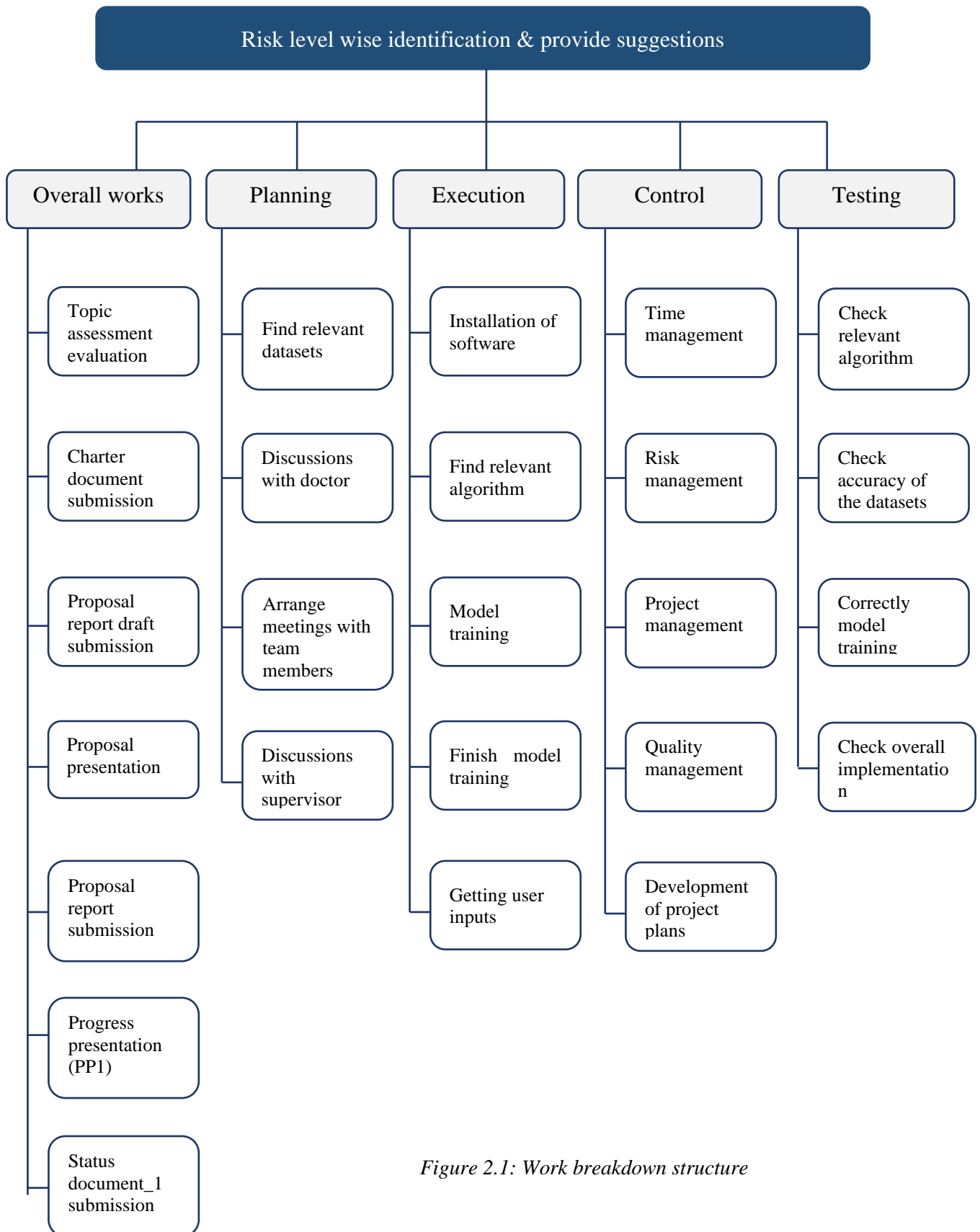


Figure 2.1: Work breakdown structure

3. Project management tool

3.1 Microsoft teams

- Supervisors group

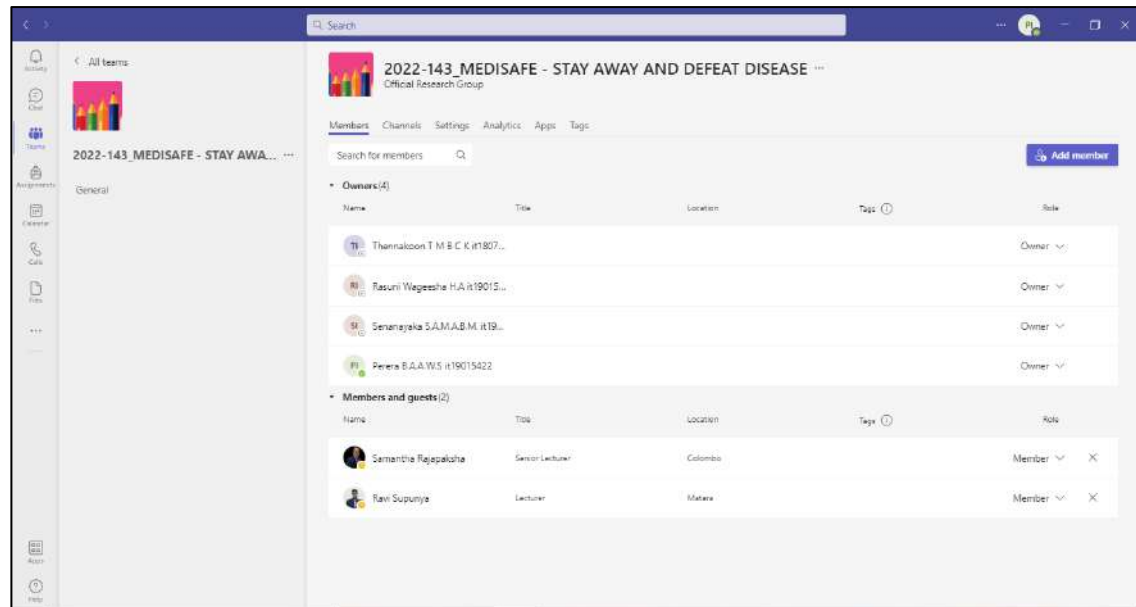


Figure 3.1: Supervisors Microsoft teams group

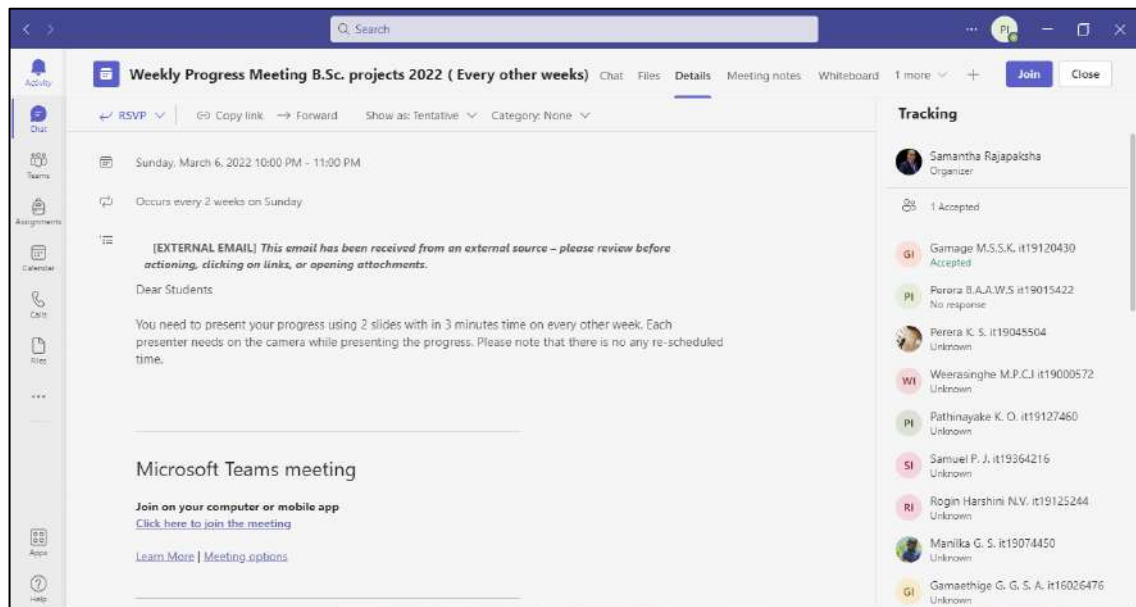


Figure 3.2: Co-supervisor progress checking group

- **Research team members**

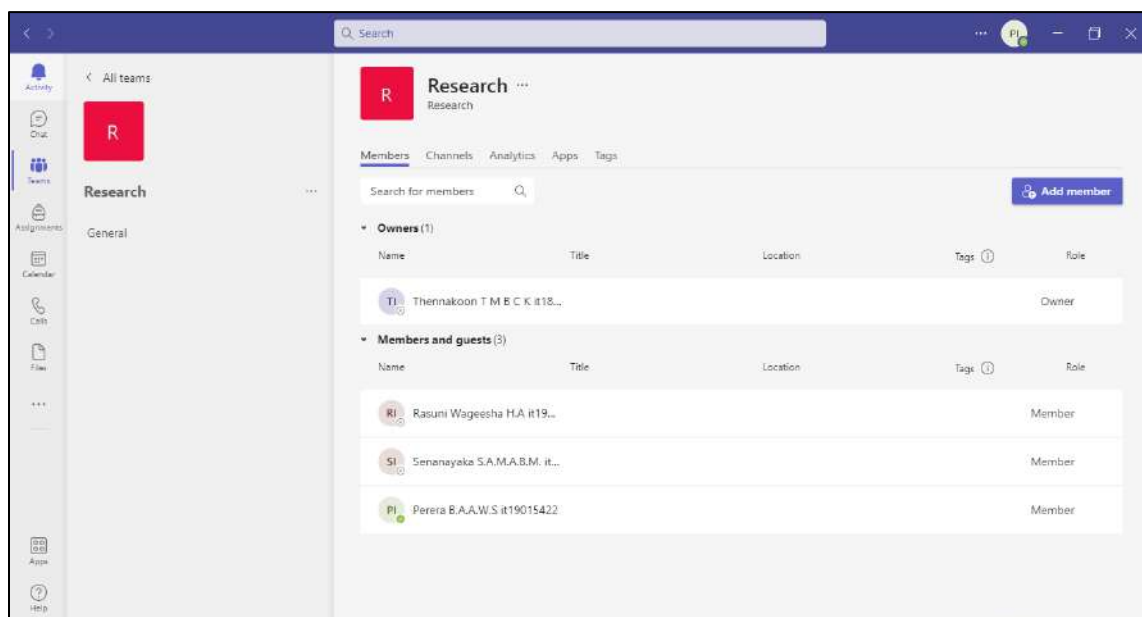
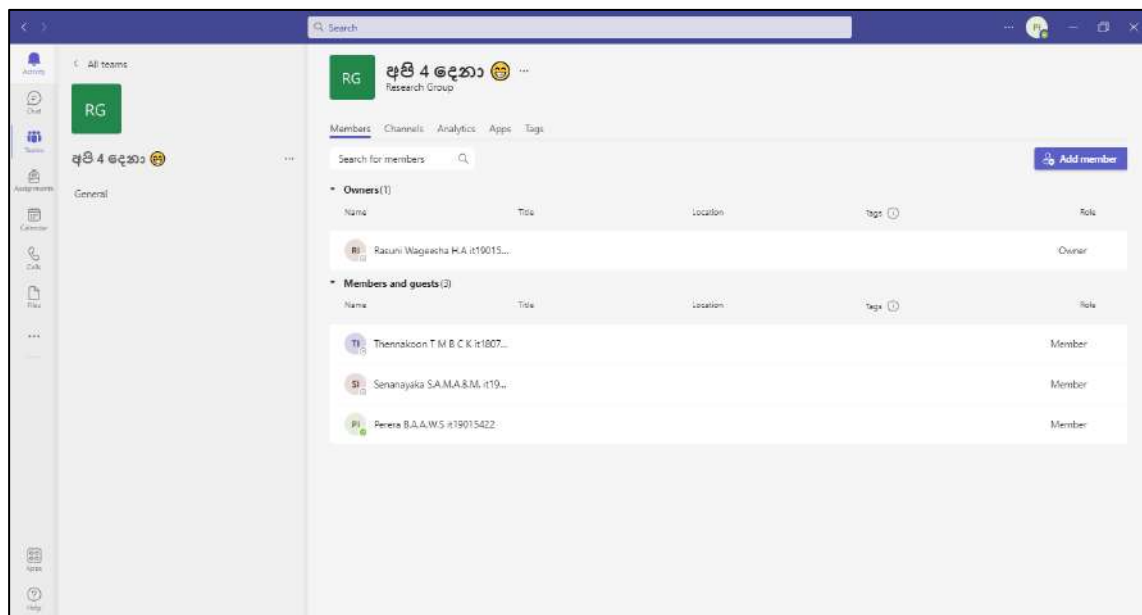


Figure 3.3: Student Microsoft teams group

➤ Project milestones

- Main milestone

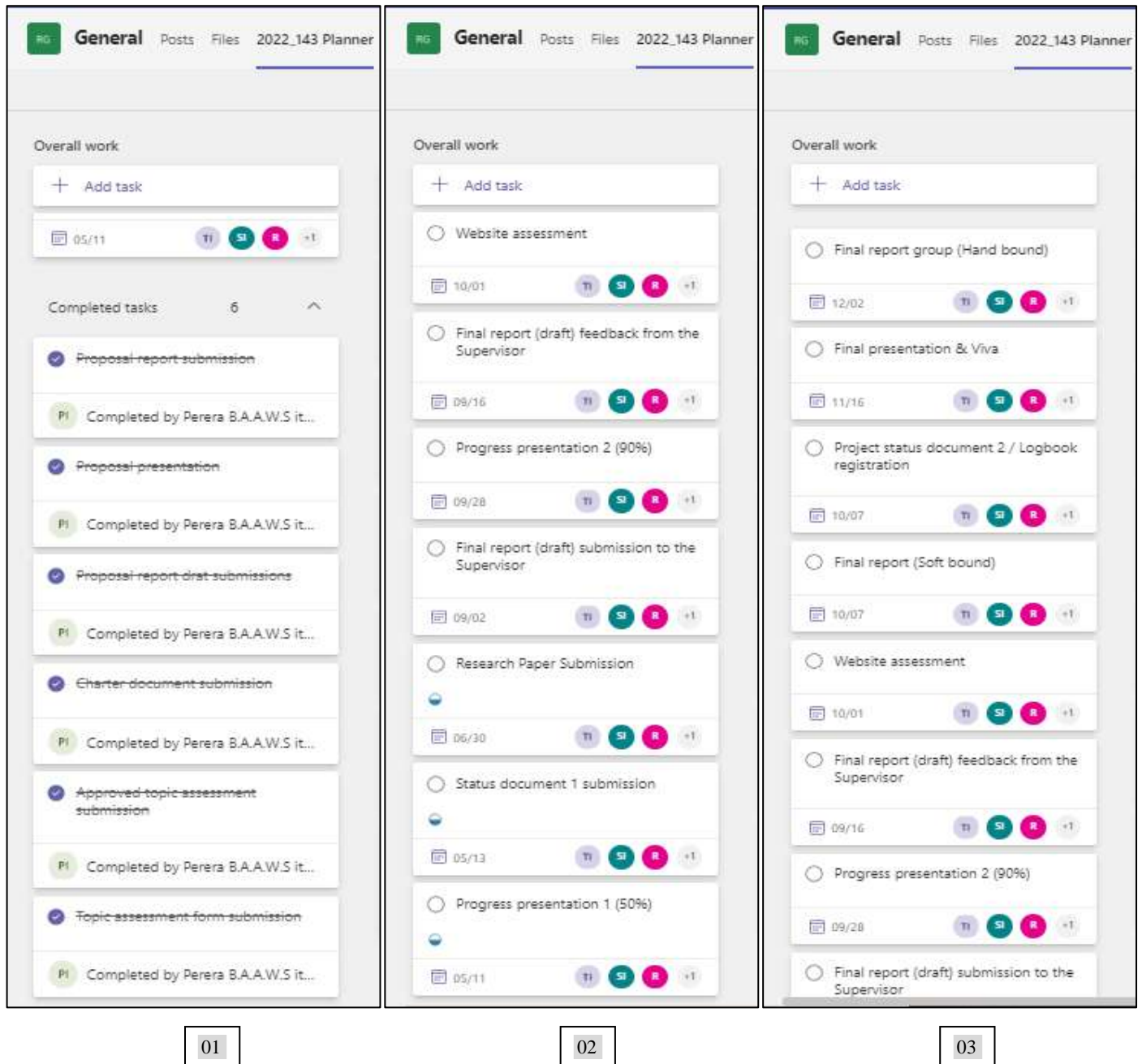


Figure 3.4: Main workflow

- **Individual milestone**

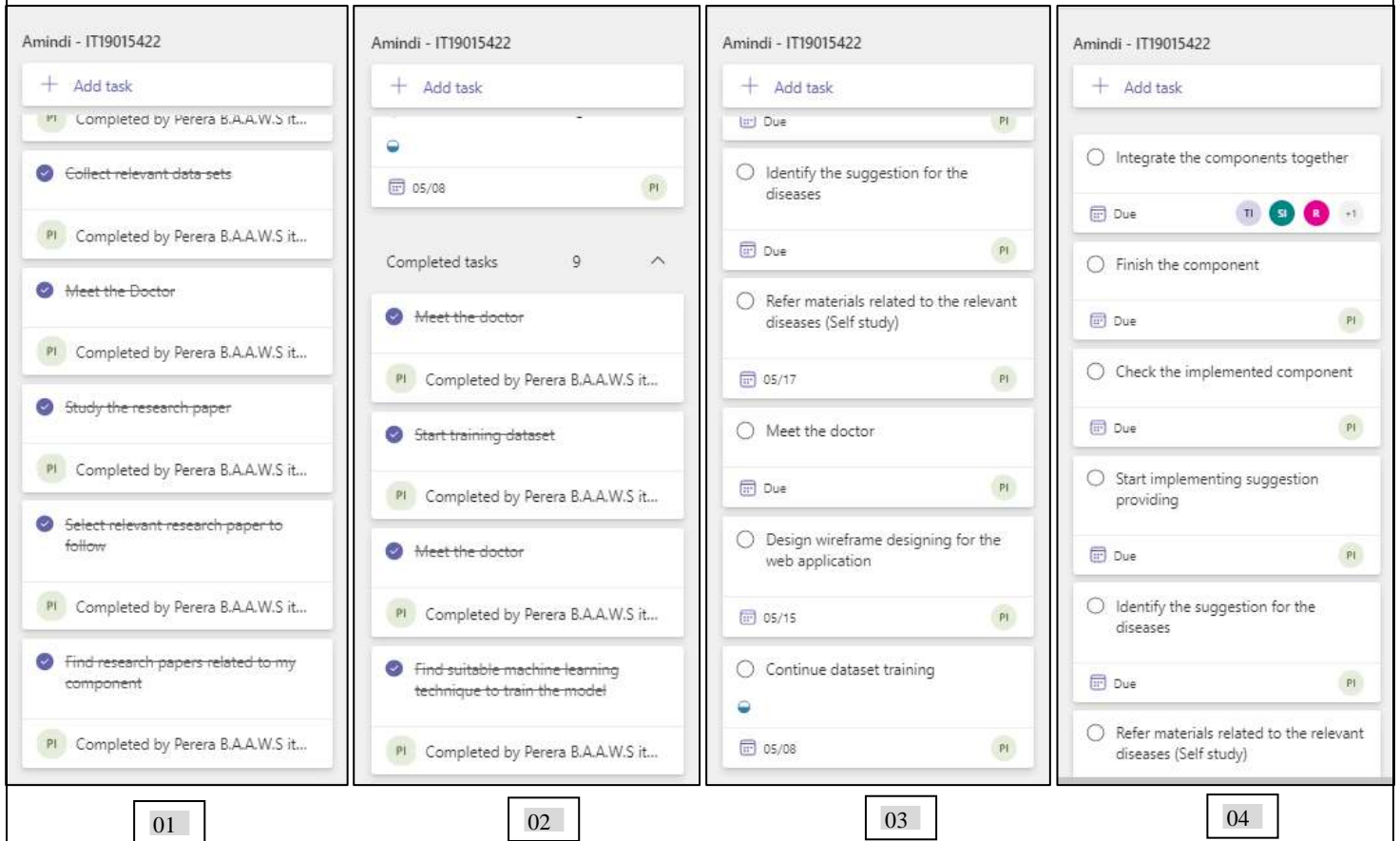


Figure 3.5: Individual workflow

➤ Task analysis

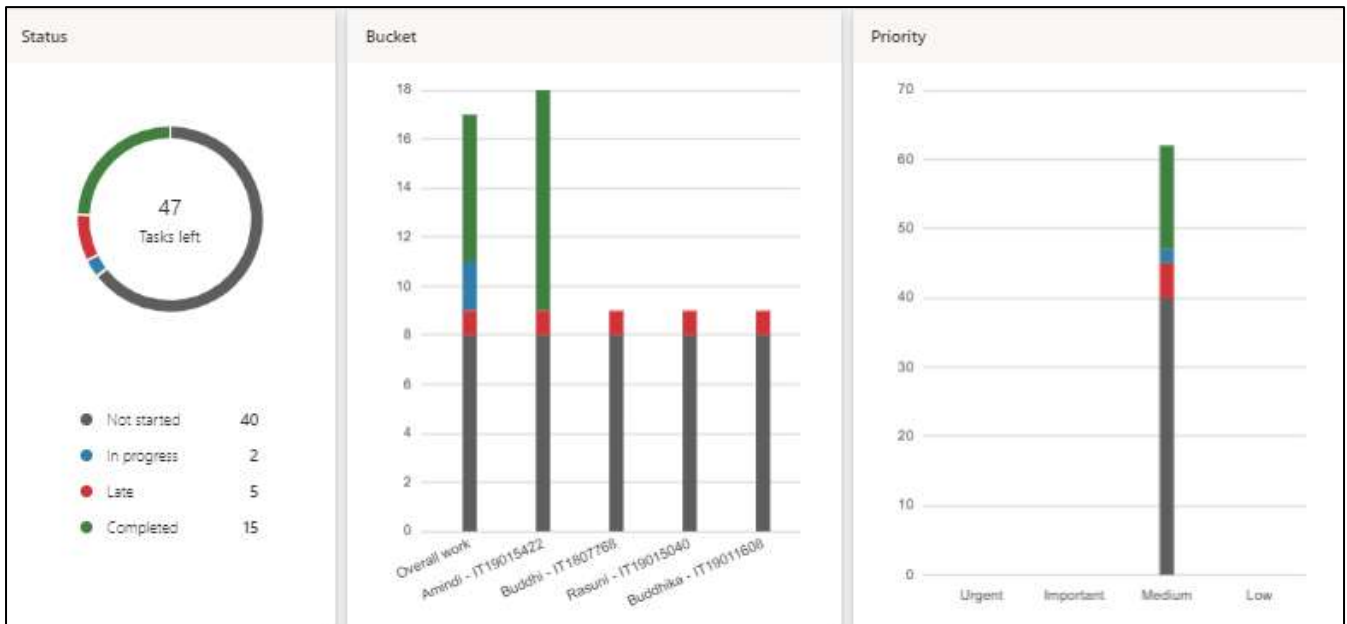


Figure 3.6: Task analysis

3.2 GitLab usage

• Project Overview

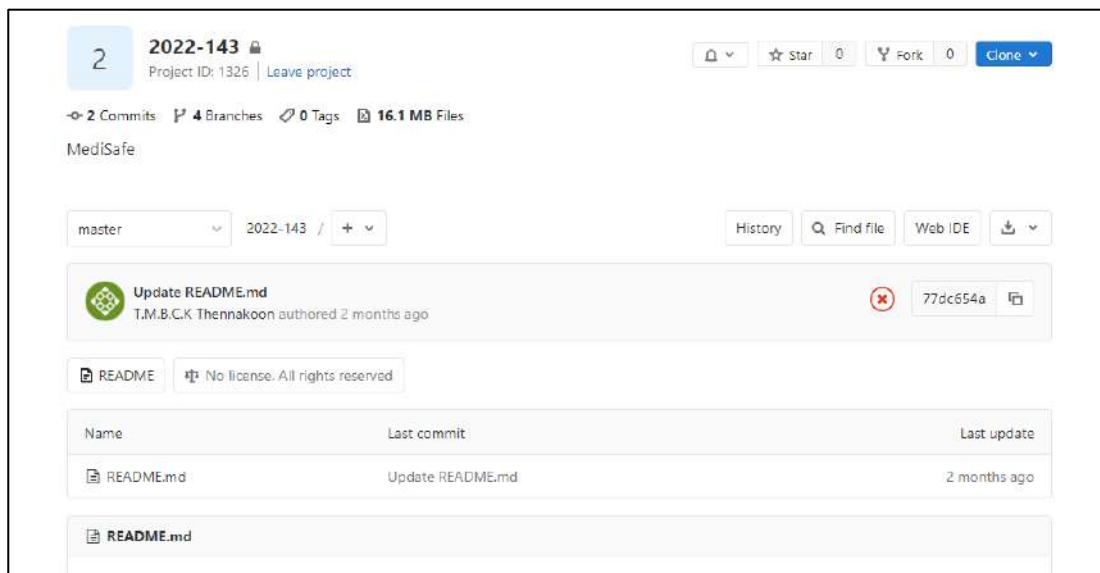


Figure 3.7: Project overview

- **Project members**

Project members

Members can be added by project Maintainers or Owners

Members of 2022-143 7

Find existing members by name Sort by Name, ascending ▼

	Perera B.A.A.W.S @IT19015422_Perera_B.A.A.W.S It's you	Developer	Leave
Given access 2 months ago · Expires in over 2 years			
	Rasuni Wageesha H.A @IT19015040_Rasuni_Wageesha_H.A	Developer	
Given access 2 months ago · Expires in over 2 years			
	Ravi Supunya @Ravis	Reporter	
Given access 2 months ago · Expires in over 2 years			
	RP Team @RP Team	Reporter	
Given access 1 month ago · Expires in over 2 years			
	Senanayaka S.A.M.A.B.M @IT19011608_Senanayaka_S.A.M.A.B.M	Developer	
Given access 2 months ago · Expires in over 2 years			
	T.M.B.C.K Thennakoon @IT18077698_Thennakoon_T.M.B.C.K · 2022-143	Owner	
Given access 2 months ago			
	Udugoda Uduporawage Samantha Kumara Rajapaksha @samantha	Reporter	
Given access 2 months ago · Expires in over 2 years			

Figure 3.8: Project members

- **Created branches**

Active branches

<div> <div>▼</div> <div>IT19015040-lungDisease</div> <div> <div>↶</div> <div>fd9c755</div> <div>Add lung diseases Files · 3 hours ago</div> </div> </div>	0 1	Merge request	Compare		
Disease analysis files added · 4 hours ago					
<div> <div>▼</div> <div>IT19015422-diseaseAnalysis</div> <div> <div>↶</div> <div>6551f995</div> <div>Disease analysis files added · 4 hours ago</div> </div> </div>	0 1	Merge request	Compare		
Disease analysis files added · 4 hours ago					
<div> <div>▼</div> <div>IT19011608-spreadRate</div> <div> <div>↶</div> <div>4d16f56a</div> <div>Add spreadRate files · 4 hours ago</div> </div> </div>	0 1	Merge request	Compare		
Add spreadRate files · 4 hours ago					
<div> <div>▼</div> <div>master default protected</div> <div> <div>↶</div> <div>77dc654a</div> <div>Update README.md · 2 months ago</div> </div> </div>					
Update README.md · 2 months ago					
<div> <div>▼</div> <div>IT18077698_deviceImplementationAnalysis</div> <div> <div>↶</div> <div>77dc654a</div> <div>Update README.md · 2 months ago</div> </div> </div>	0 0	Merge request	Compare		
Update README.md · 2 months ago					

Figure 3.9: Branches

- **Repository files**

IT19015422-disea...2022-143 / IT19015422 / +

History

Find file

Web IDE

Disease analysis files added

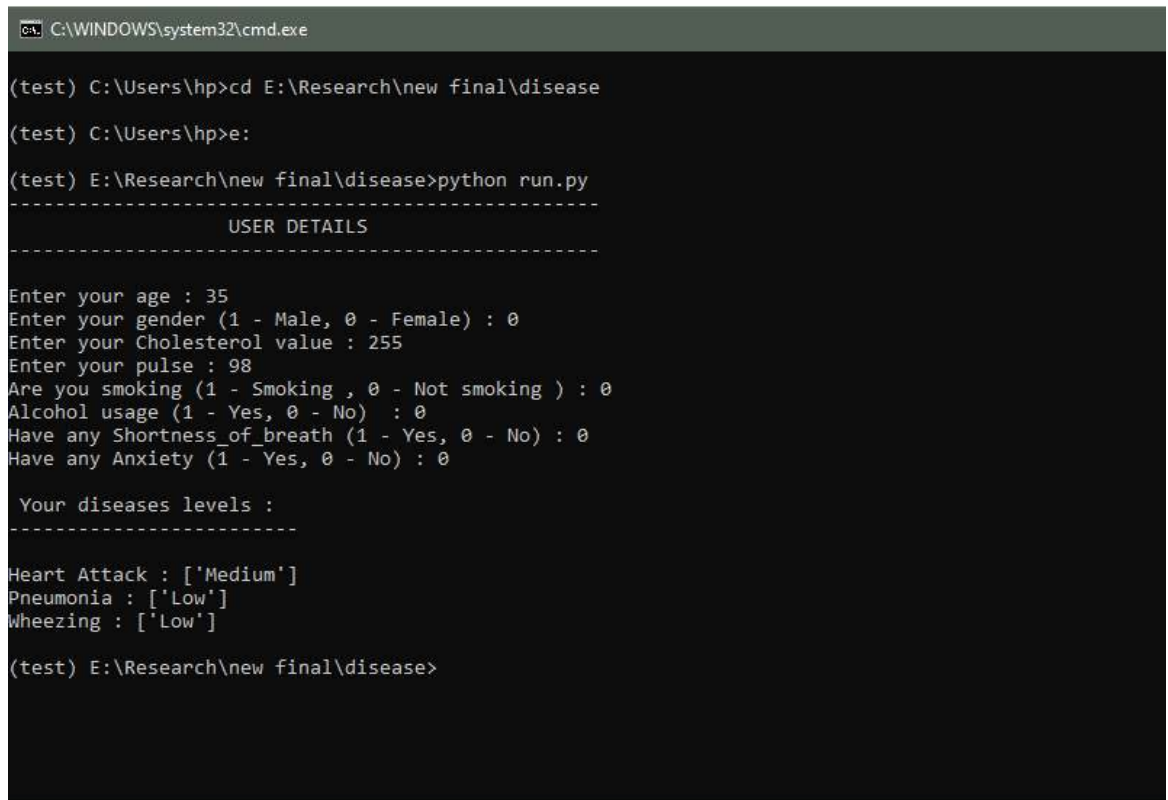
Sheshani_Perera authored 1 hour ago

a551f995

Name	Last commit	Last update
..		
<div><div></div>Heart_attack.csv</div>	Disease analysis files added	1 hour ago
<div><div></div>Pneumonia.csv</div>	Disease analysis files added	1 hour ago
<div><div></div>Wheezing.csv</div>	Disease analysis files added	1 hour ago
<div><div></div>model_fileH.save</div>	Disease analysis files added	1 hour ago
<div><div></div>model_fileP.save</div>	Disease analysis files added	1 hour ago
<div><div></div>model_fileW.save</div>	Disease analysis files added	1 hour ago
<div><div></div>predict.py</div>	Disease analysis files added	1 hour ago
<div><div></div>run.py</div>	Disease analysis files added	1 hour ago
<div><div></div>scalerH.save</div>	Disease analysis files added	1 hour ago
<div><div></div>scalerP.save</div>	Disease analysis files added	1 hour ago
<div><div></div>scalerW.save</div>	Disease analysis files added	1 hour ago

Figure 3.10: Repository files

4. Test results & how system testes



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

(test) C:\Users\hp>cd E:\Research\new final\disease
(test) C:\Users\hp>e:
(test) E:\Research\new final\disease>python run.py
-----
                        USER DETAILS
-----

Enter your age : 35
Enter your gender (1 - Male, 0 - Female) : 0
Enter your Cholesterol value : 255
Enter your pulse : 98
Are you smoking (1 - Smoking , 0 - Not smoking ) : 0
Alcohol usage (1 - Yes, 0 - No) : 0
Have any Shortness_of_breath (1 - Yes, 0 - No) : 0
Have any Anxiety (1 - Yes, 0 - No) : 0

Your diseases levels :
-----

Heart Attack : ['Medium']
Pneumonia : ['Low']
Wheezing : ['Low']

(test) E:\Research\new final\disease>
```

Figure 4.1: Test results

5. Documentation works

Link: <https://www.overleaf.com/project/626e65c27e9110853ed631c7>

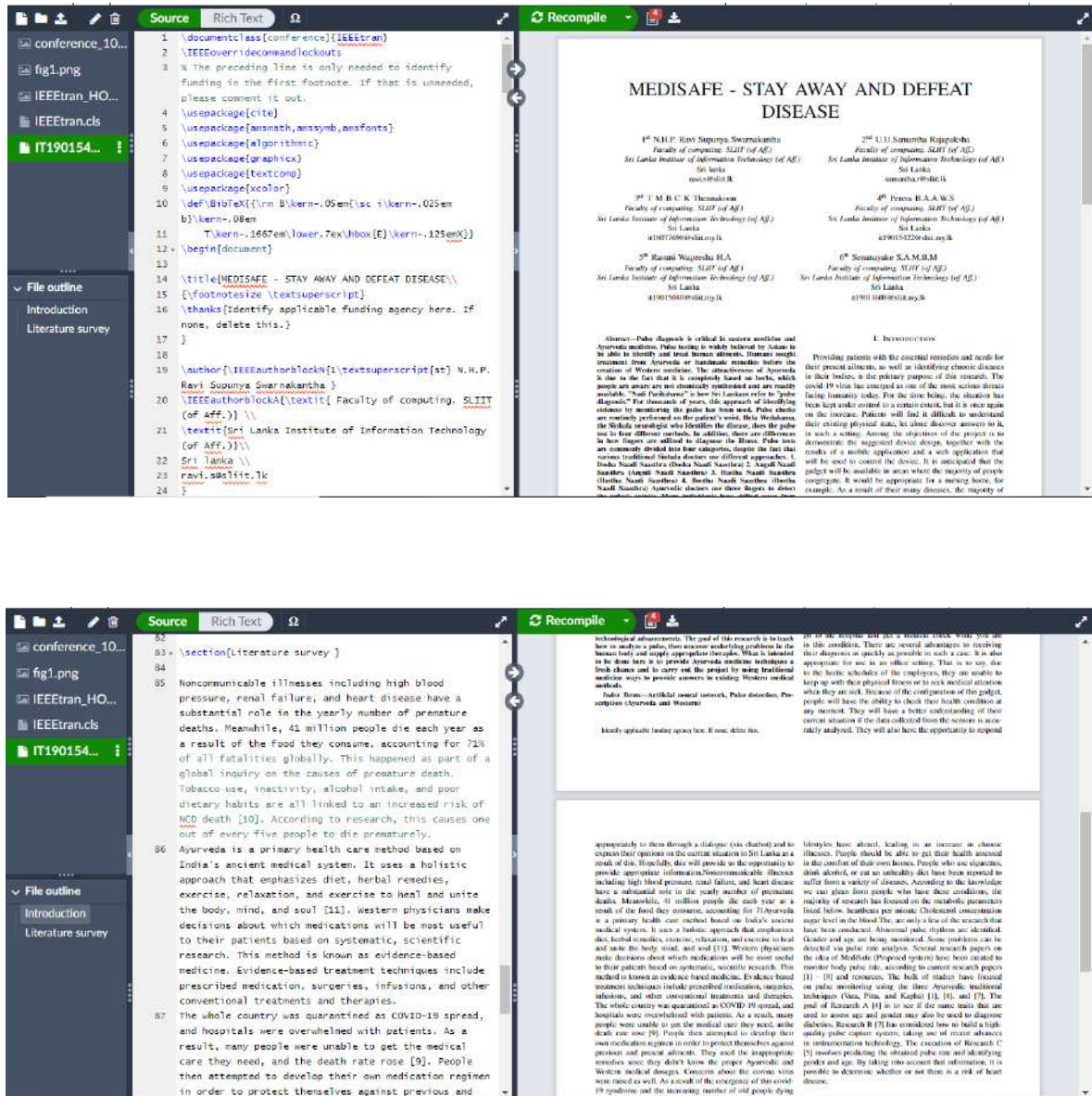


Figure 5.1: Overleaf file

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 post by Ravi Supunja titled 'Tentative Dates for RP Assessments-2022 Regular Batch'. The post includes a table with assessment details. The bottom screenshot shows a series of messages in the chat, including contact details for Perera S.A.A.W.S, a meeting announcement, and a discussion about rescheduling a meeting.

Table: Tentative Dates for RP Assessments-2022 Regular Batch

No.	Assessment / Milestone	Assessing individual or/and Group	Date of assessment	Document submission deadline	Mark for attendance
1	Project/Research topic selection	Group	20th November 2021		N/A
2	Online registration for the topic evaluation	Individual		20th December 2021	N/A
2.1	Topic Evaluation form submission	Group		20th December 2021	N/A
2.2	Topic Evaluation (Project presentation)	Group	27th - 31st December 2021		N/A
3	Task Day or Project Phase submission	Group		20th January 2022	N/A
3.1	Project Group Report Submission	Individual		20th January 2022	N/A
4	Project proposal report (draft)	Group and Individual		20th January 2022	4%
5	Project proposal presentation	Individual	2nd - 9th February 2022		6%

Messages in the chat:

- Perera S.A.A.W.S** (12/4/2021 10:53 PM): Contact details: Buddhi Chamika - 071 7644 169, Rasuni Wageesha - 075 6781 300, Amind Perera - 070 2884 329, Divulika Samanawansa - 071 2754 604.
- Perera S.A.A.W.S** (12/6/2021 11:54 AM): Sir, We drop an email to lecturer Mr. Samantha Rajapaksha and he like to co-supervise our research group.
- Ravi Supunja** (12/6/2021 7:53 PM): Great. Then we both will supervise your group.
- Perera S.A.A.W.S** (12/6/2021 9:06 PM): Sir, Do we have the meeting tomorrow?
- Thennakoon T M S C K** (12/7/2021 8:03 PM): Sir are you here?
- Meeting in "General" ended: 5m 3s**
- Thennakoon T M S C K** (12/7/2021 8:20 PM): Sir,
- Ravi Supunja** (12/8/2021 10:42 AM): Dear Students, Can you please rename to team name with our research topic. Then I can easily identify the group.
- Thennakoon T M S C K** (12/7/2021 8:22 PM): Sir, If it is unable to join that's ok. We can reschedule the meeting. Let us know your available time. Thank you.

Figure 6.1: Shared posts and meetings_1

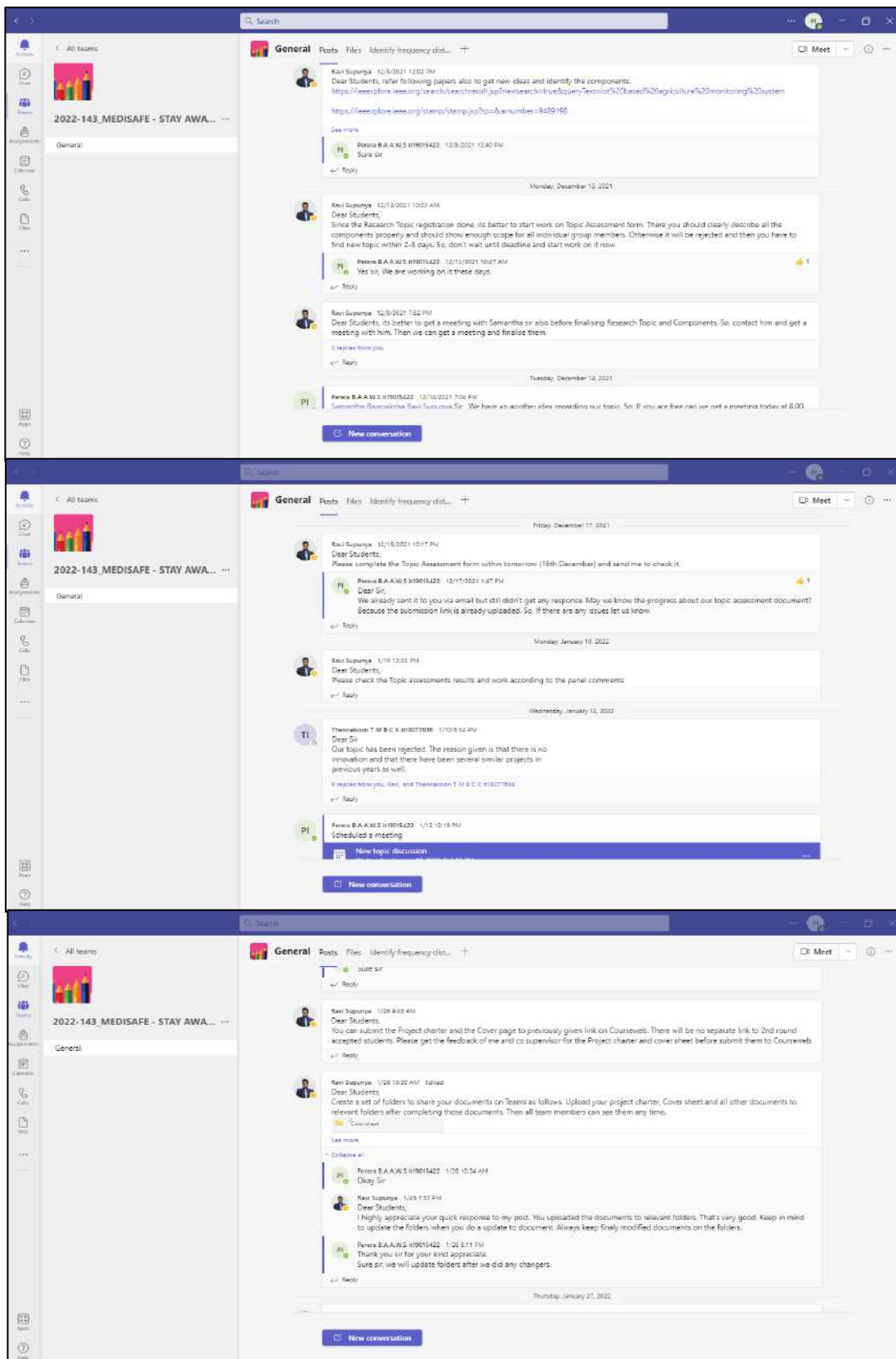


Figure 6.2: Shared posts and meetings_2

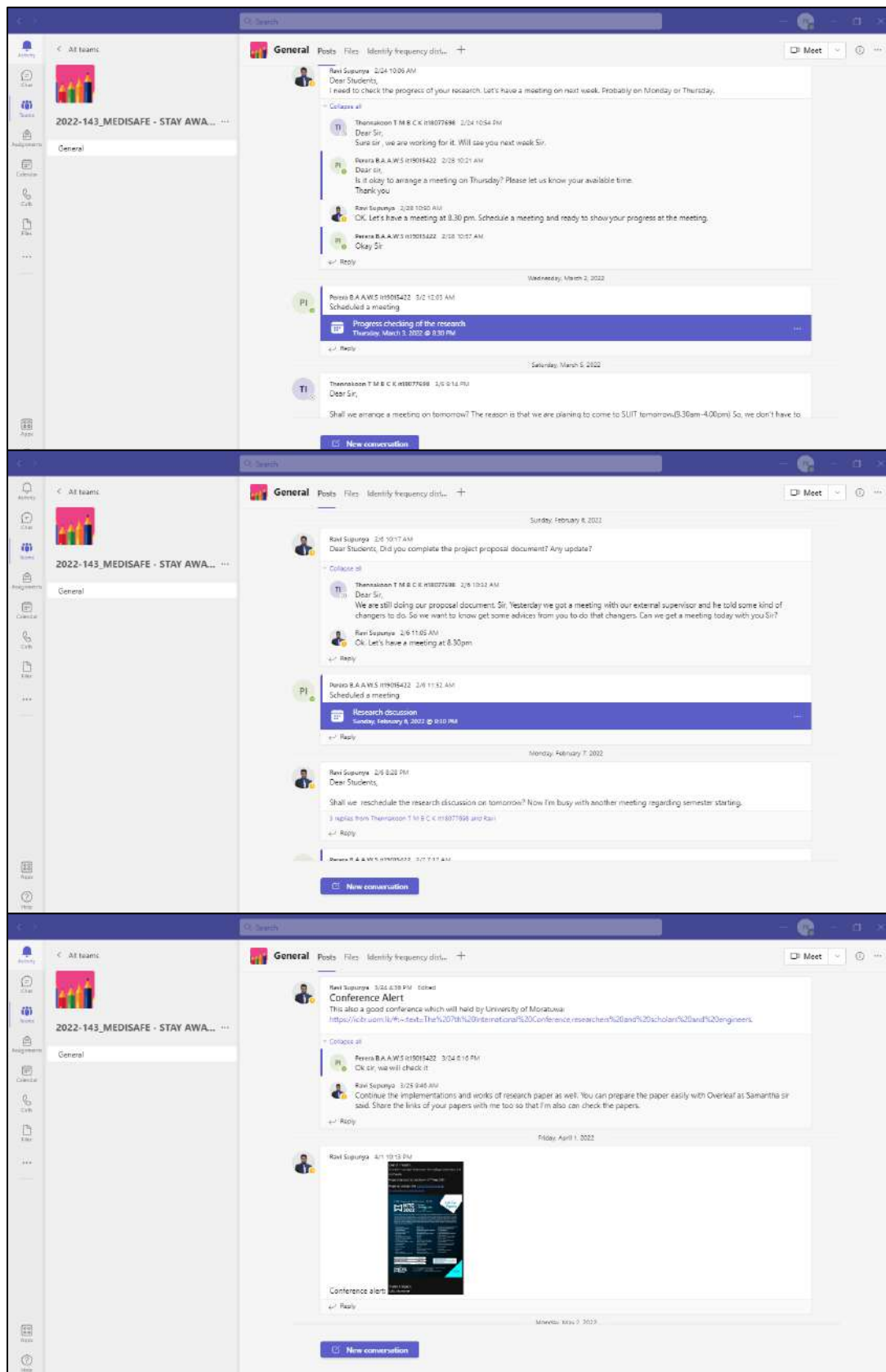


Figure 6.3: Shared posts and meetings_3

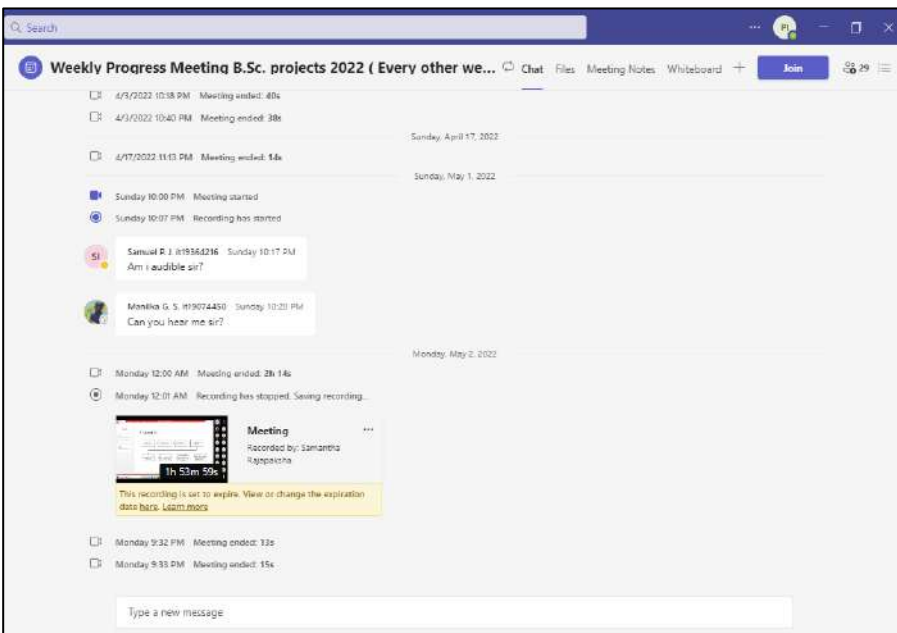
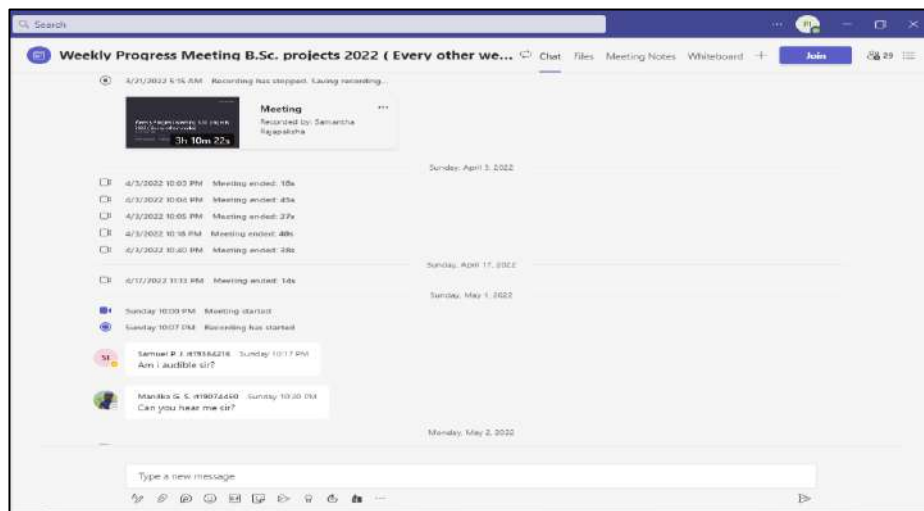
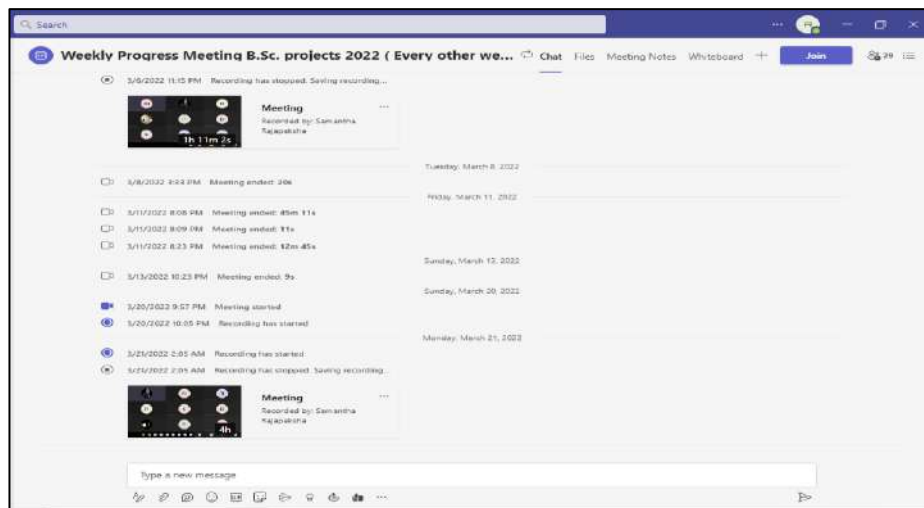


Figure 6.4: Weekly progress checking

- Shared posts and meetings with group members

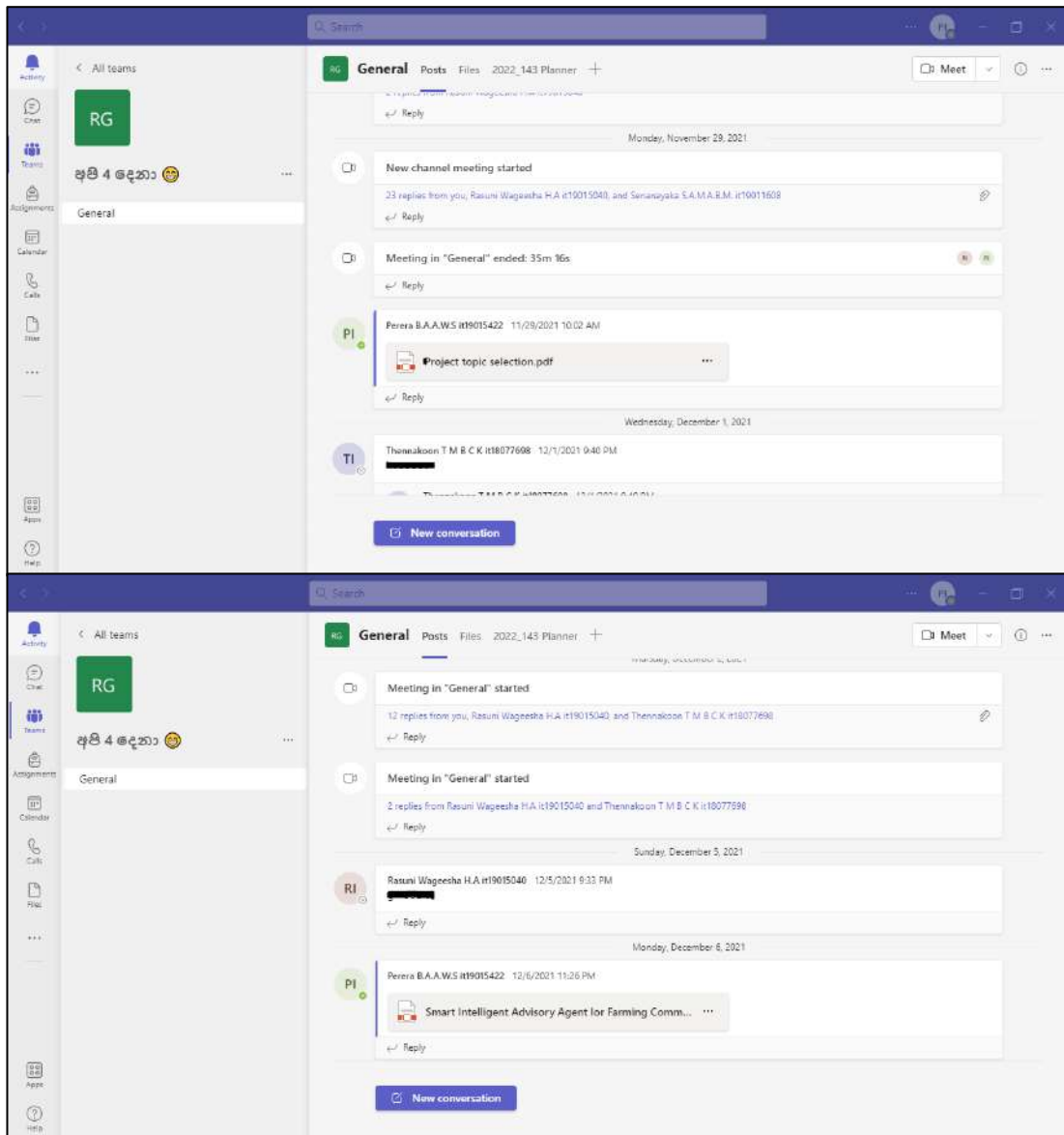


Figure 6.5: Shared post and meeting (Group members)_1

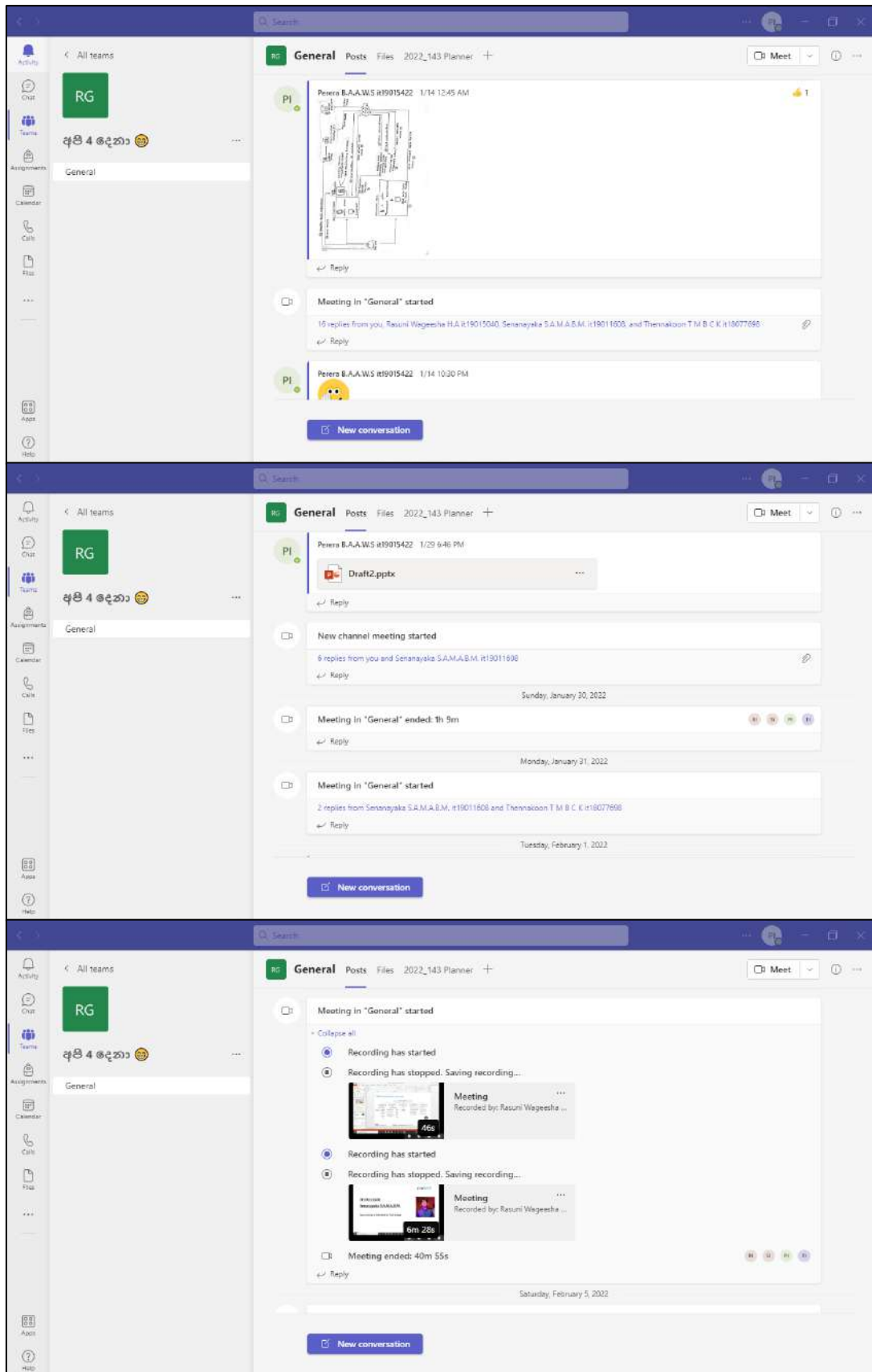


Figure 6.6: Shared post and meeting (Group members)_2

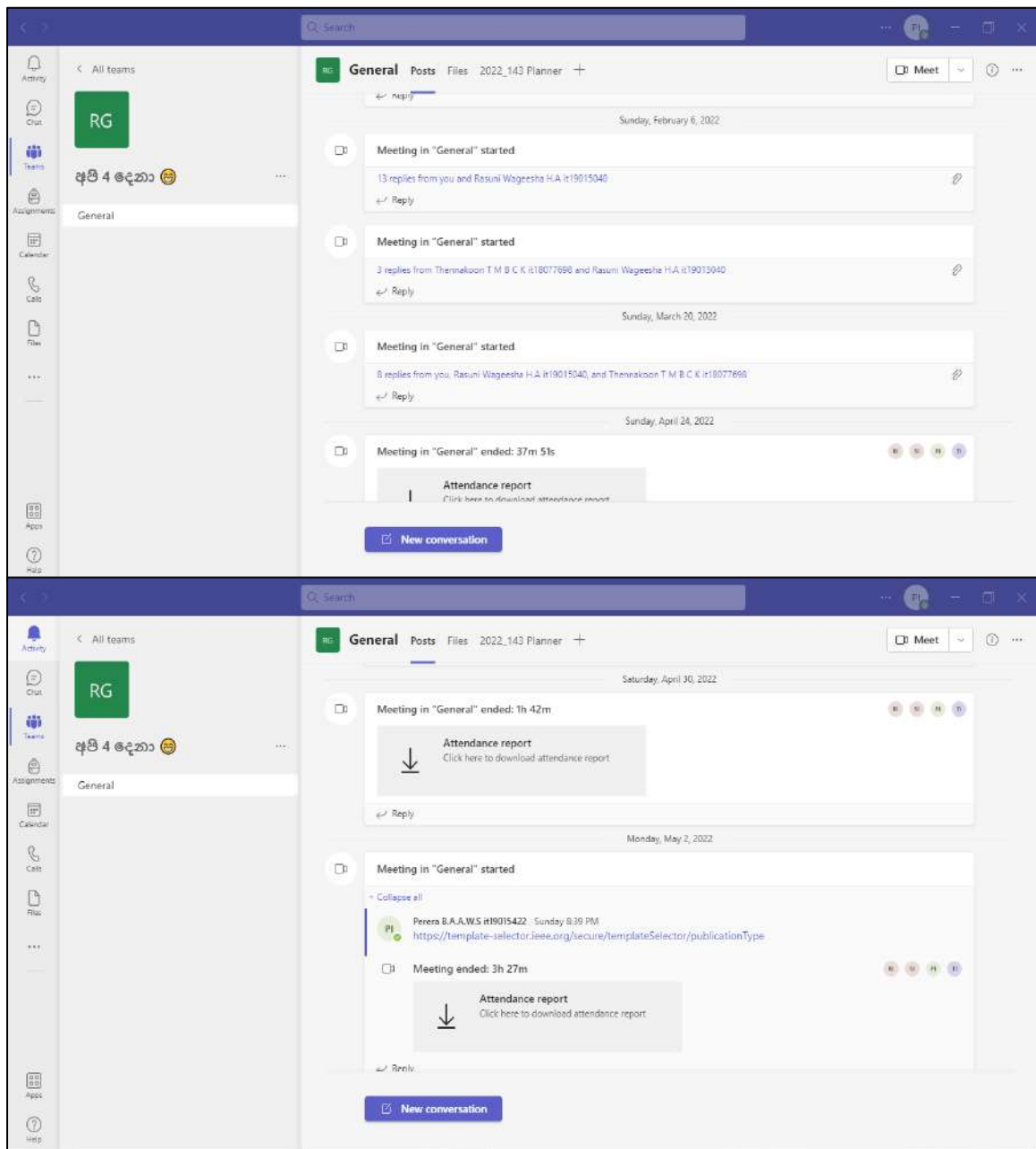


Figure 6.7: Shared post and meeting (Group members)_3

- Some snapshots of Meetings

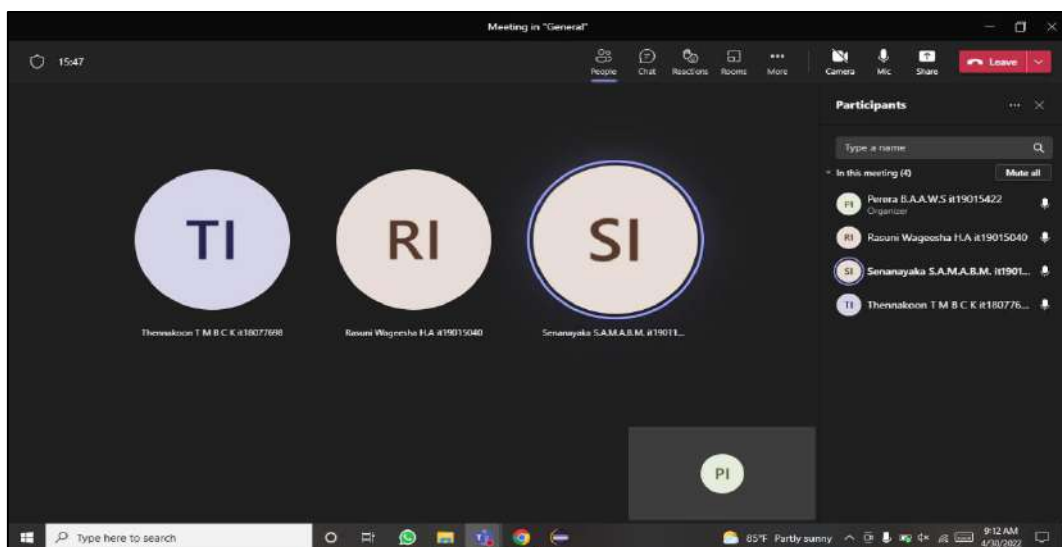
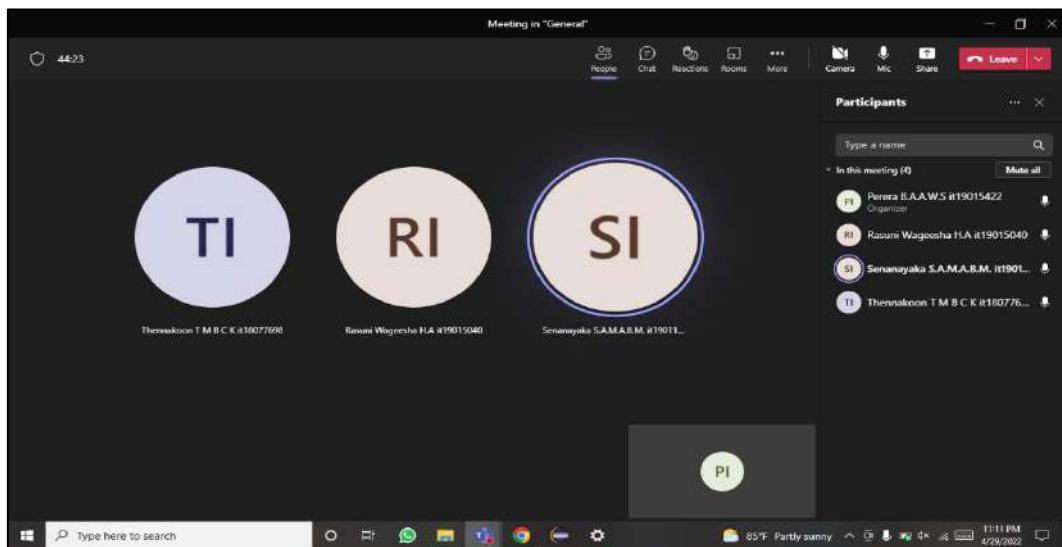


Figure 6.8: Snapshots of meetings_1

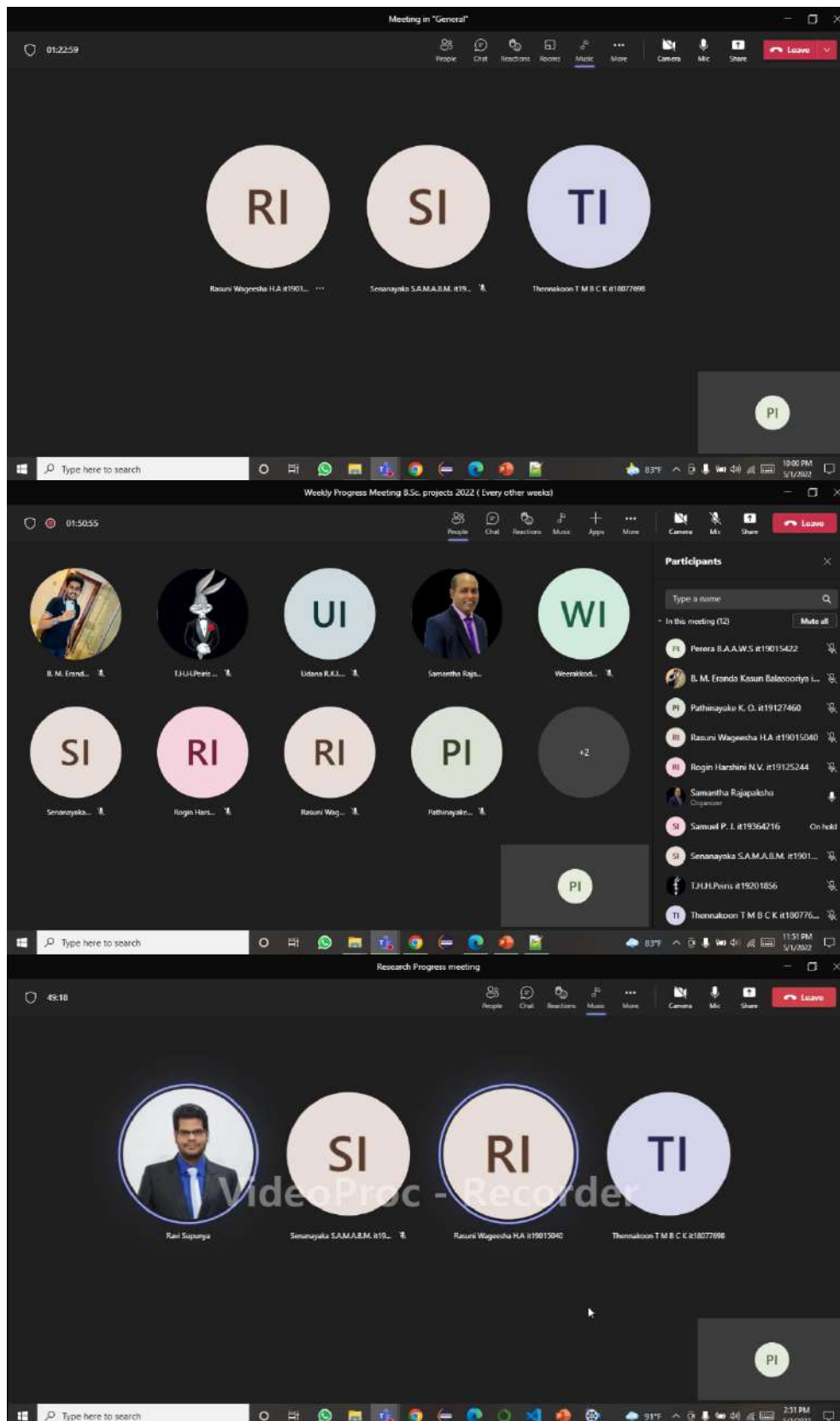


Figure 6.9: Snapshots of meetings_2