



# **Mobile Base Sinhala Book Reader for Visually Impaired Individuals**

**Project ID: 2023-198**

**Project Status Document 1 – Individual**

IT20146238 - Jayathunga T.M.

Supervisor: Prof. Koliya Pulasinghe

Co-Supervisor: Ms. Poorna Panduwawela

**B.Sc. (Hons) Degree in Information Technology Specialization in  
Information Technology**

**Sri Lanka Institute of Information Technology**

**Sri Lanka**

**May 2023**

## Contents

1. Screenshots of the Calls in MS Teams .....	4
1.1. MS Teams Calls with Research Team.....	4
1.2. MS Teams Call with Co-Supervisor.....	9
2. Screenshots of the Chats in MS Teams .....	10
2.1. Physically Progress Meeting Schedule Dates in Supervisor .....	10
2.2. MS Teams Chat with Research Team.....	11
3. Teams Planner Charts.....	14
3.1. MS Teams Planner Board .....	14
4. GitLab Commitments .....	19
4.1. Git Main Branch .....	19
4.2. Git Commits Contributions Graphs .....	19
4.3. GitHub Individual Commits .....	20
5. Data Collections .....	20
6. WhatsApp Group & Calls.....	21
6.1. Research Team WhatsApp Group Call.....	21
6.2. Research Team Group .....	22
7. Work Breakdown Structure & Allocate Resources for Each Area. ....	23
8. Gantt Chart of Finalize Design & Implementation Phase.....	24

## Table of Figures

Fig. 1. Teams Call 1 with Research Team .....	4
Fig. 2. Teams Call 2 with Research Team .....	4
Fig. 3. Teams Call 3 with Research Team .....	5
Fig. 4. Teams Call 4 with Research Team .....	5
Fig. 5. Teams Call 5 with Research Team .....	6
Fig. 6. Teams Call 6 with Research Team .....	6
Fig. 7. Teams Call 7 with Research Team .....	7
Fig. 8. Teams Call 8 with Research Team .....	7
Fig. 9. Teams Call 9 with Research Team .....	8
Fig. 10. Teams Call 10 with Research Team .....	8
Fig. 11. Teams Call with Research Team Co-Supervisor .....	9
Fig. 12. Physically Meeting schedule .....	10
Fig. 13. Teams Chat with Supervisor .....	10
Fig. 14. Teams Chat 1 with Research Team .....	11
Fig. 15. Teams Chat 2 with Research Team .....	11
Fig. 16. Teams Chat 3 with Research Team .....	12
Fig. 17. Teams Chat 4 with Research Team .....	12
Fig. 18. Teams Chat 5 with Research Team .....	13
Fig. 19. Planner Board Part 1.....	14
Fig. 20. Planner Board Part 2.....	15
Fig. 21. Teams Planner Charts .....	16
Fig. 22. Teams Planner Chart Bucket .....	16
Fig. 23. Members Assigned Tasks .....	17
Fig. 24. Members Assigned Task List .....	17
Fig. 25. Completed Task List .....	18
Fig. 26. GitLab Main Branch .....	19
Fig. 27. GitLab Commits Contribution Graphs .....	19
Fig. 28. GitLab Commits .....	20
Fig. 29. Datasets .....	20
Fig. 30. Research Team WhatsApp Group Call .....	21
Fig. 31. Research Team Group.....	22
Fig. 32. Work Breakdown Chart .....	23
Fig. 33. Gantt Chart .....	24

# 1. Screenshots of the Calls in MS Teams

## 1.1. MS Teams Calls with Research Team

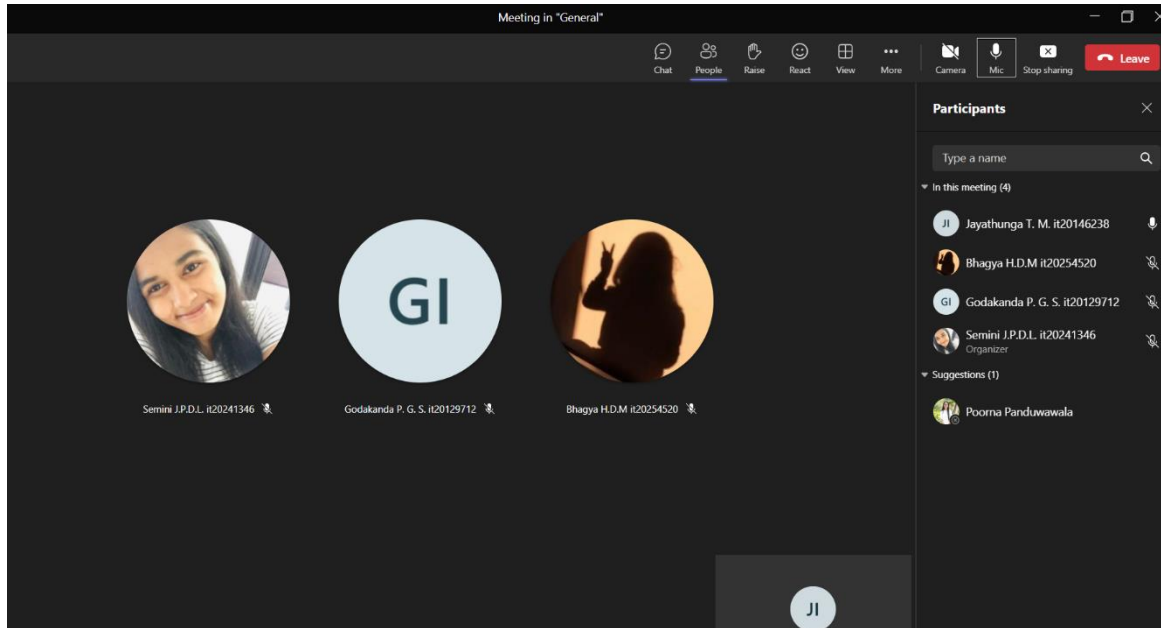


Fig. 1. Teams Call 1 with Research Team

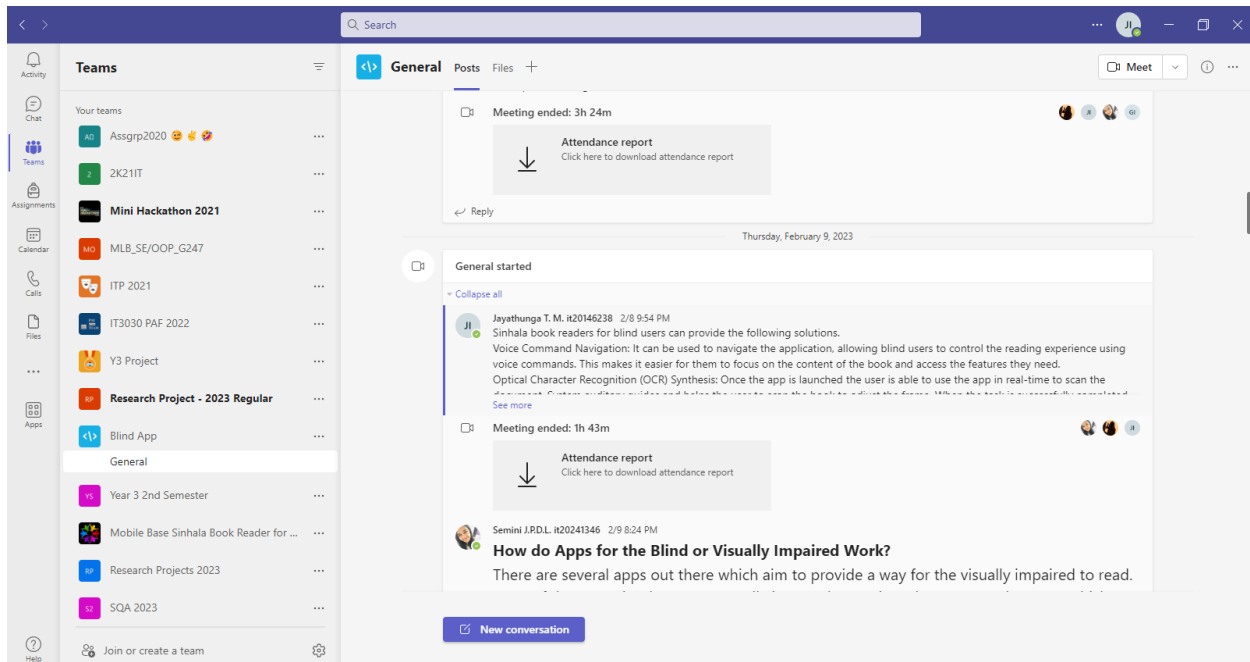


Fig. 2. Teams Call 2 with Research Team

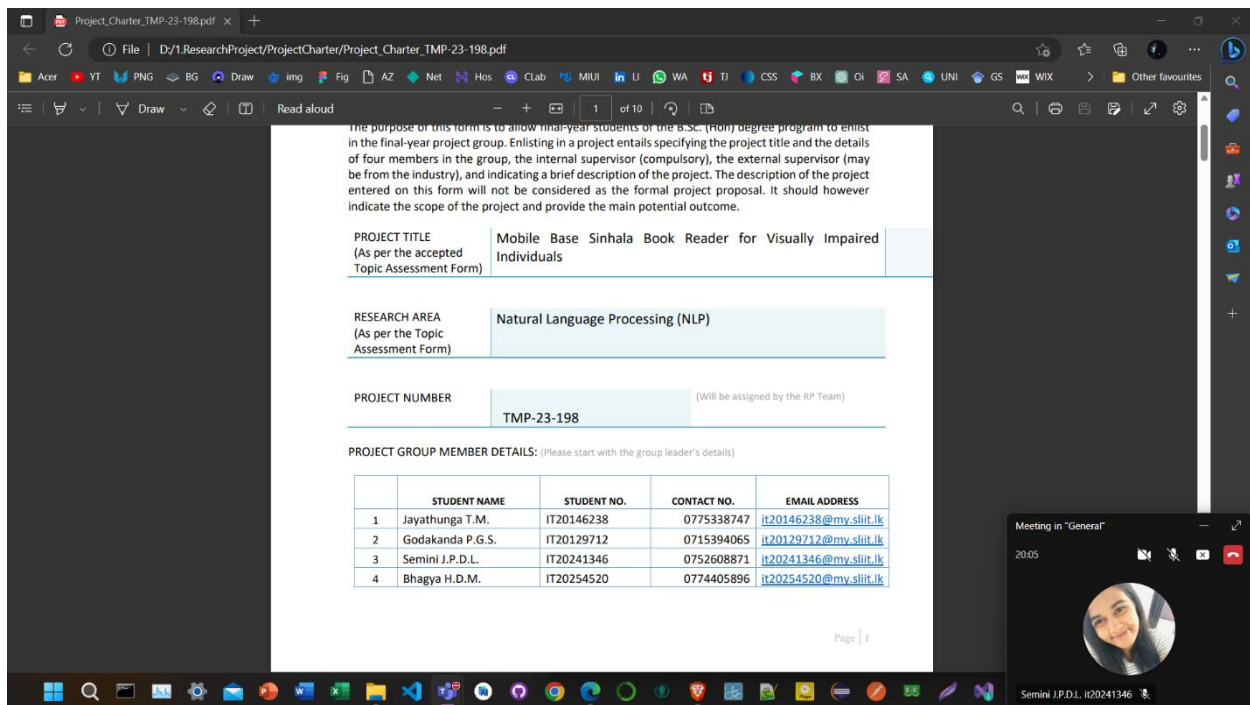


Fig. 3. Teams Call 3 with Research Team

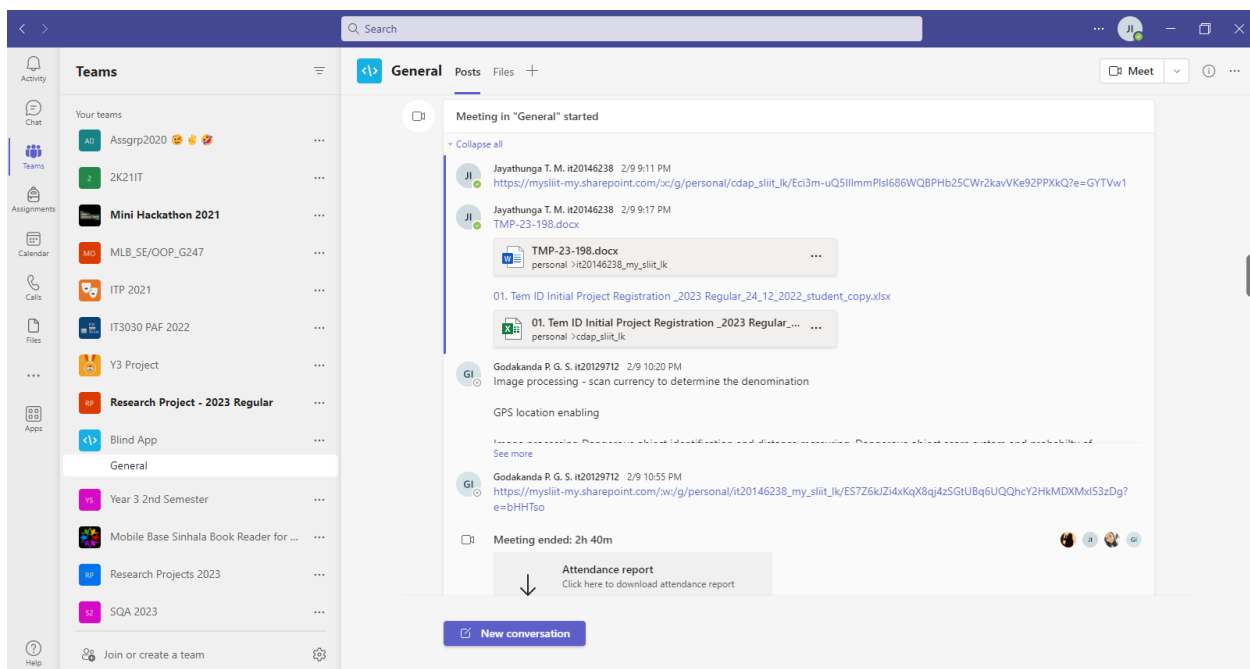
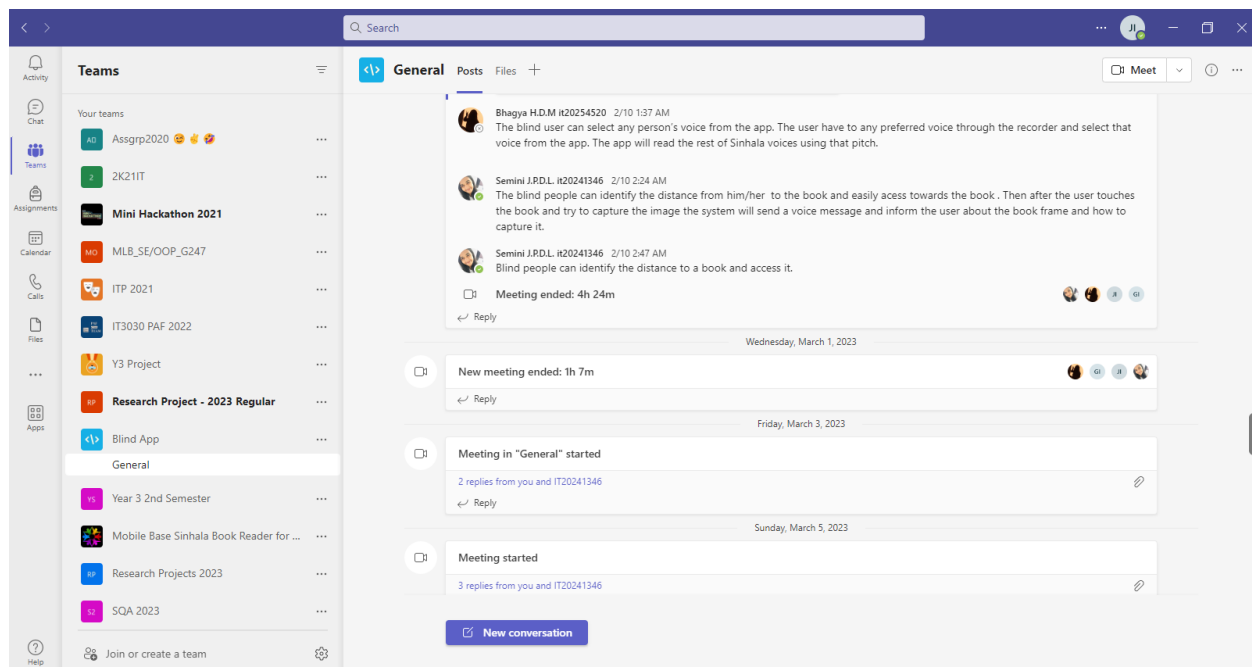
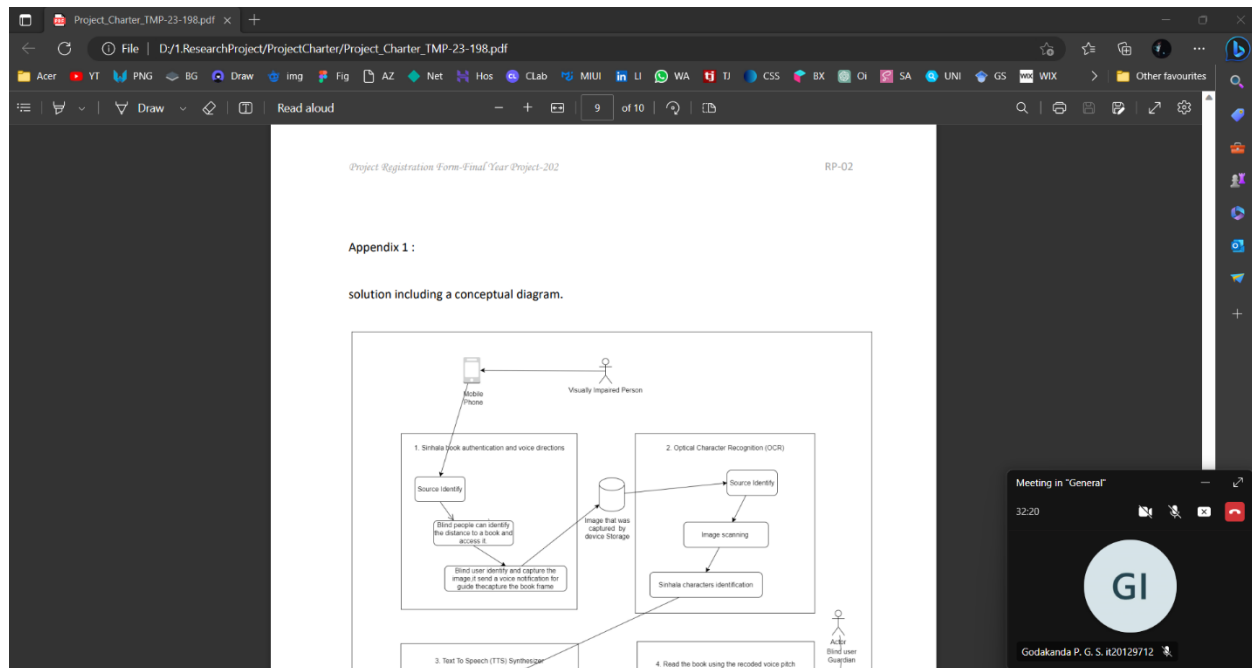


Fig. 4. Teams Call 4 with Research Team



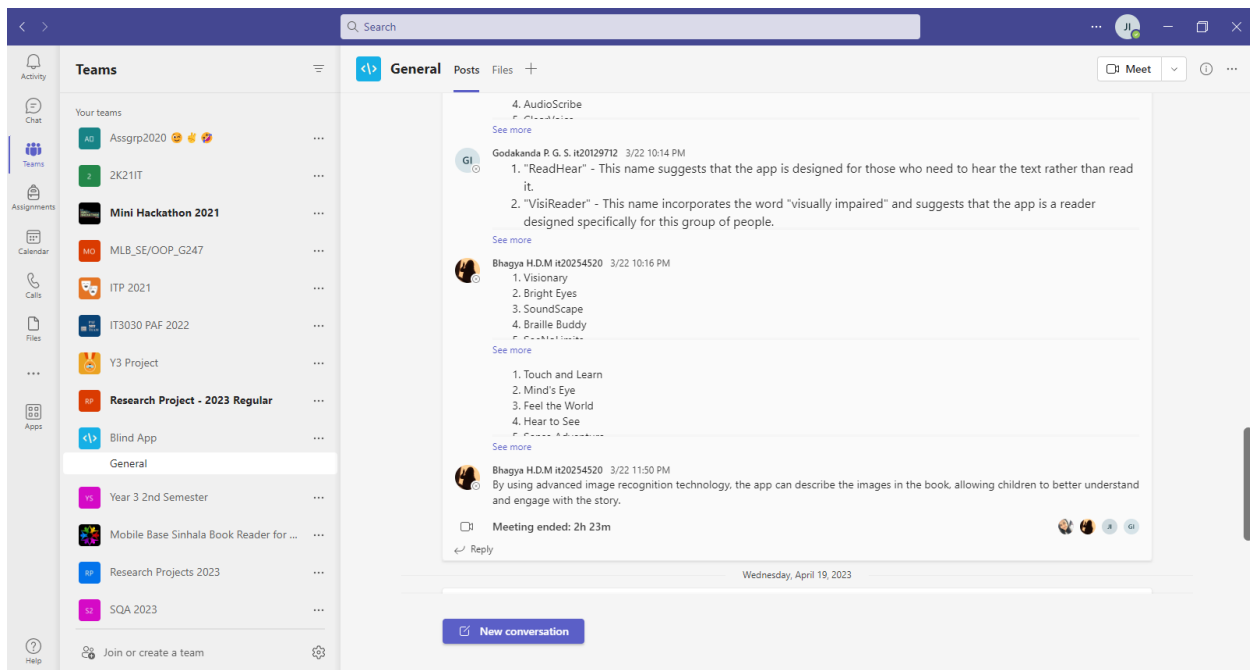


Fig. 7. Teams Call 7 with Research Team

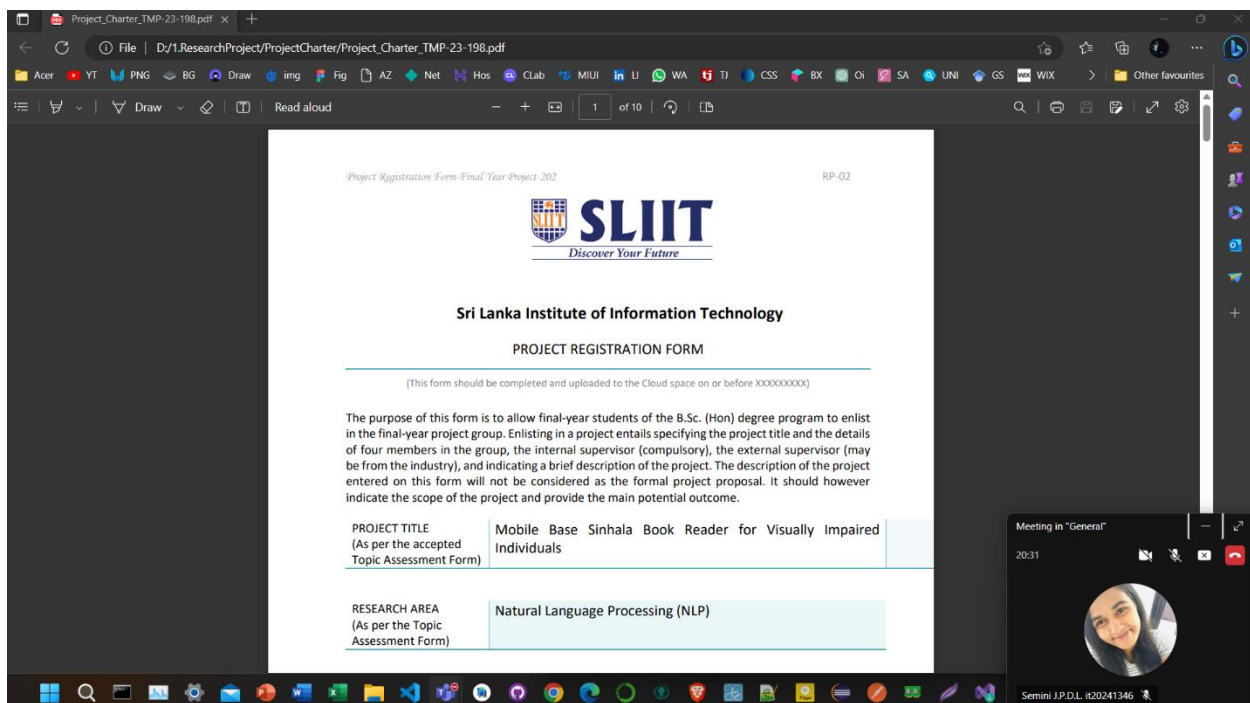


Fig. 8. Teams Call 8 with Research Team





## 1.2. MS Teams Call with Co-Supervisor

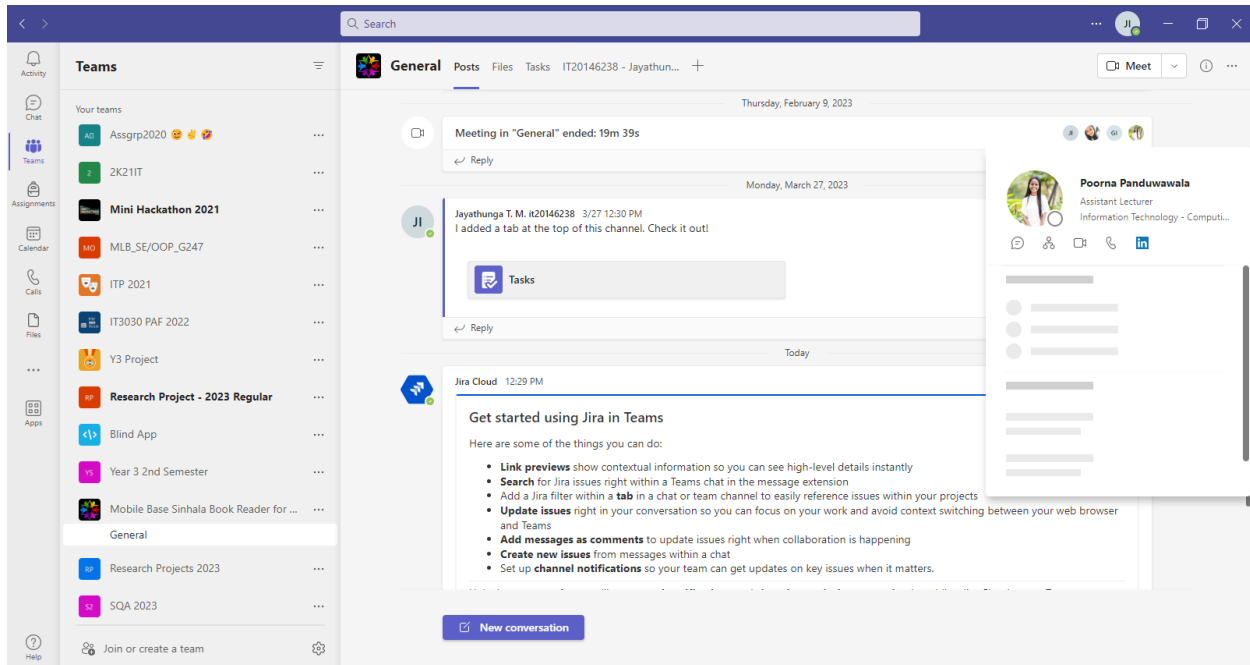


Fig. 11. Teams Call with Research Team Co-Supervisor

## 2. Screenshots of the Chats in MS Teams

### 2.1. Physically Progress Meeting Schedule Dates in Supervisor

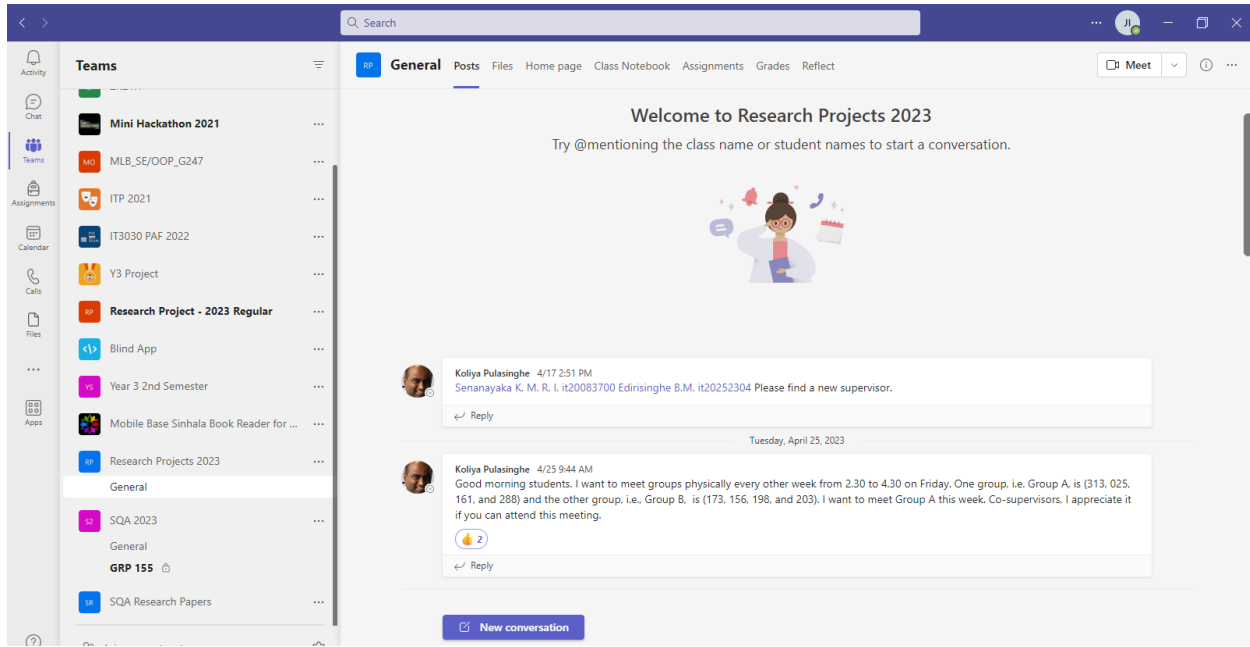


Fig. 12. Physically Meeting schedule

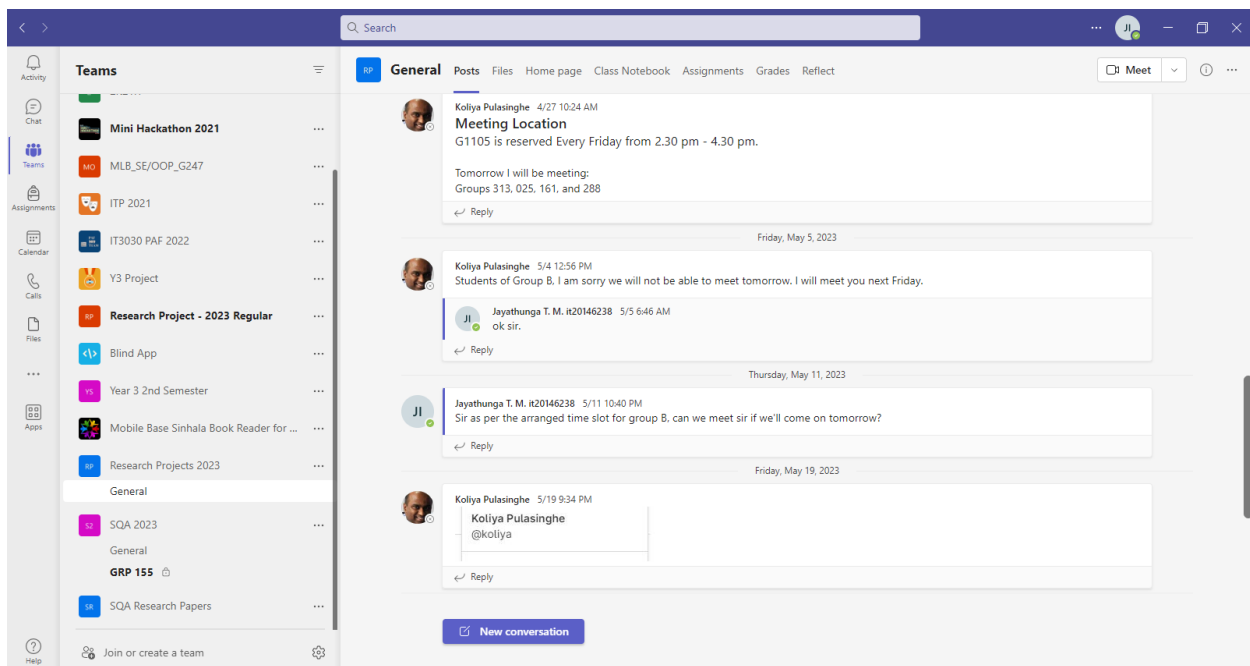


Fig. 13. Teams Chat with Supervisor

## 2.2. MS Teams Chat with Research Team

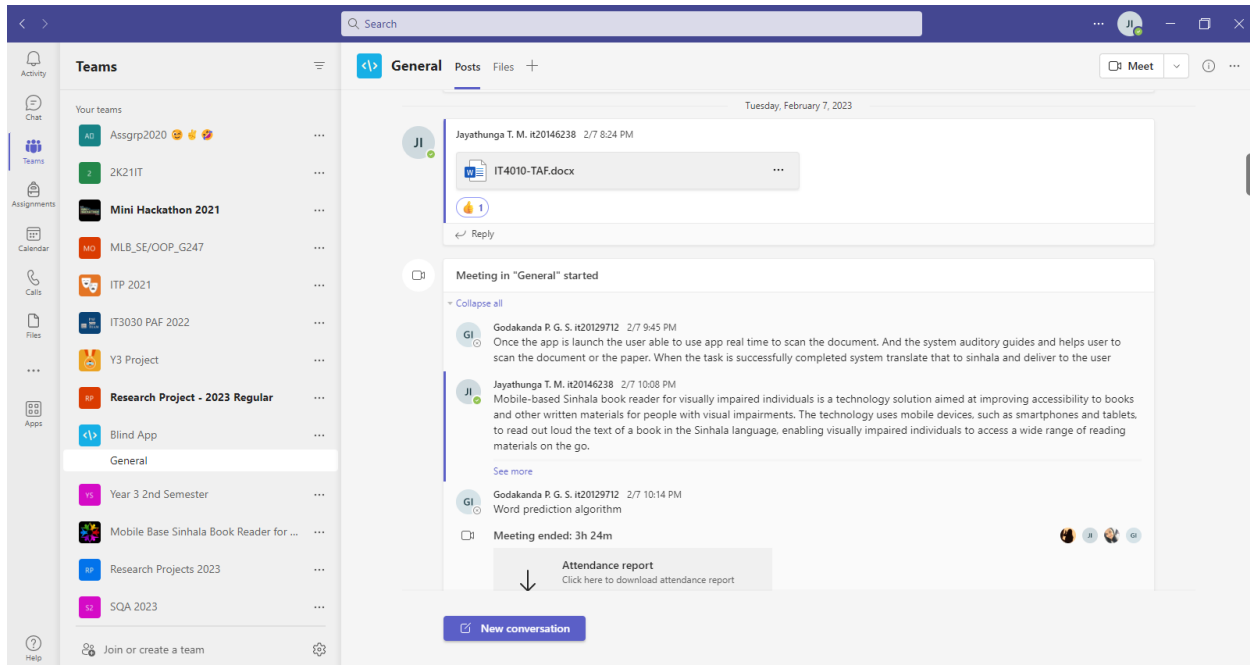


Fig. 14. Teams Chat 1 with Research Team

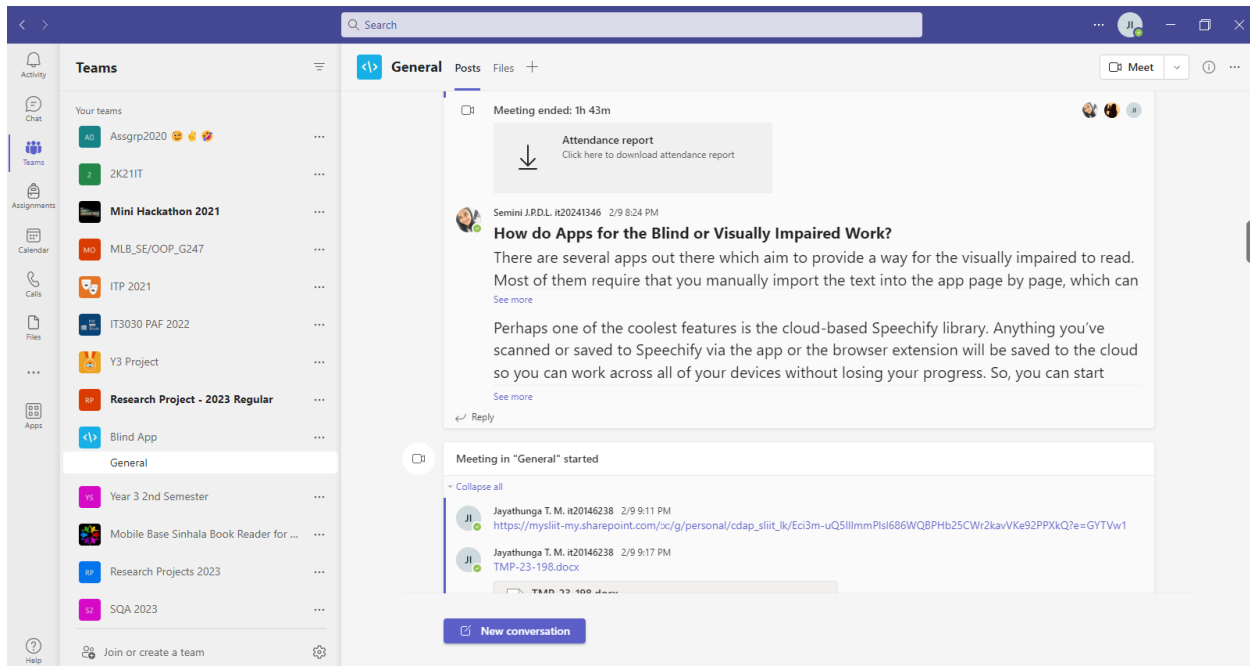


Fig. 15. Teams Chat 2 with Research Team

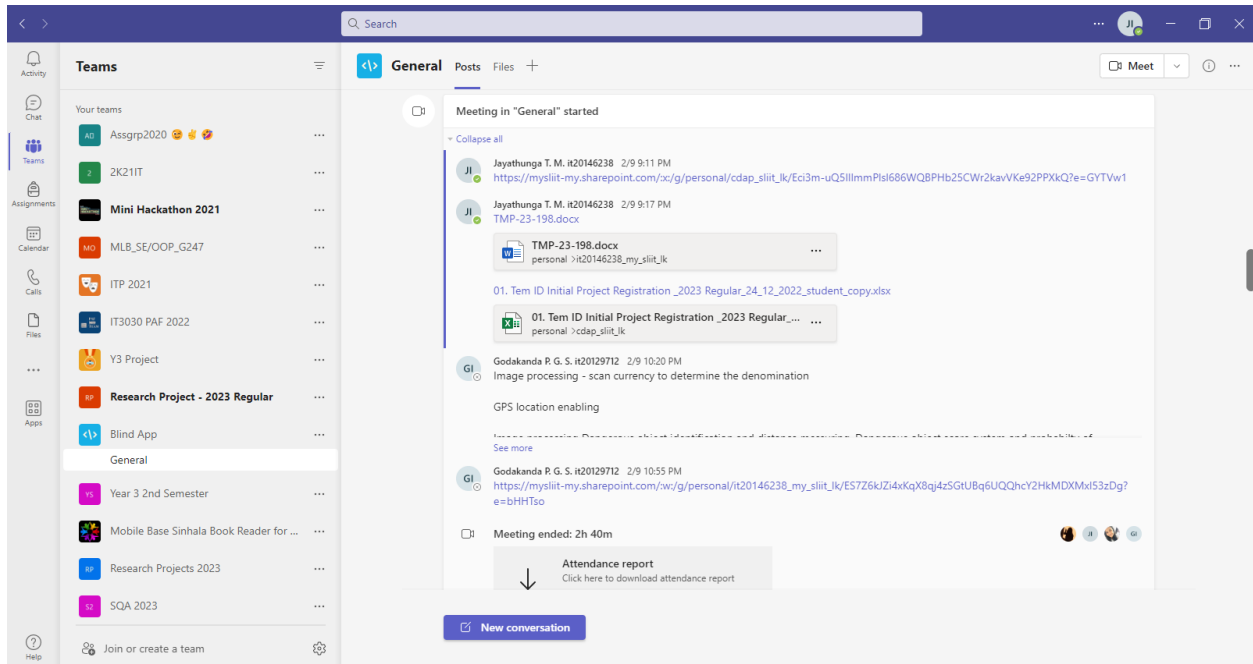


Fig. 16. Teams Chat 3 with Research Team

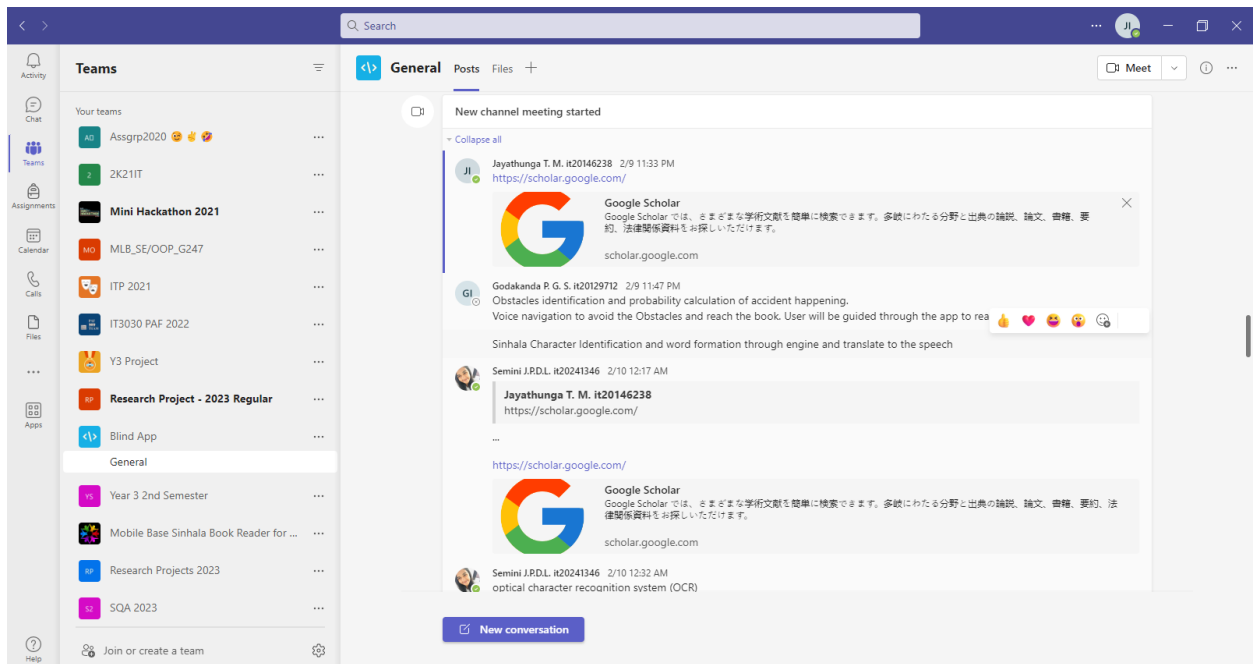


Fig. 17. Teams Chat 4 with Research Team

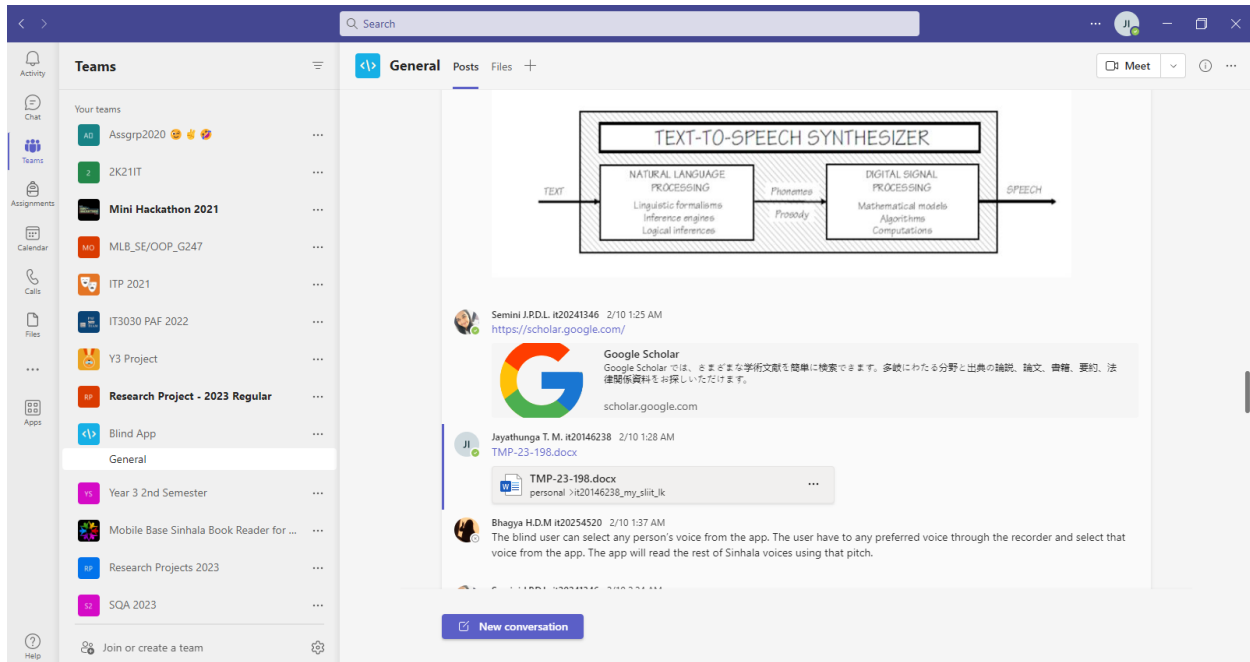


Fig. 18. Teams Chat 5 with Research Team

### 3. Teams Planner Charts

#### 3.1. MS Teams Planner Board

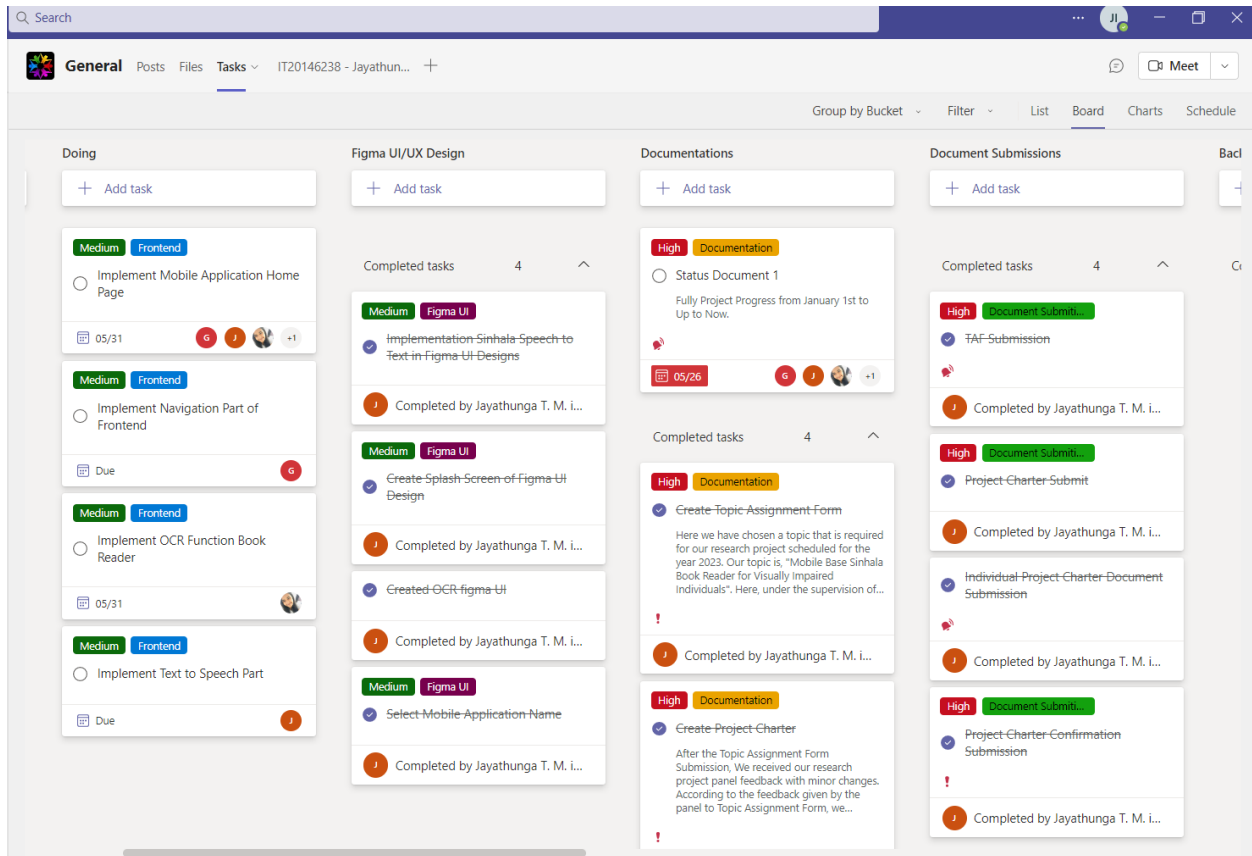


Fig. 19. Planner Board Part 1

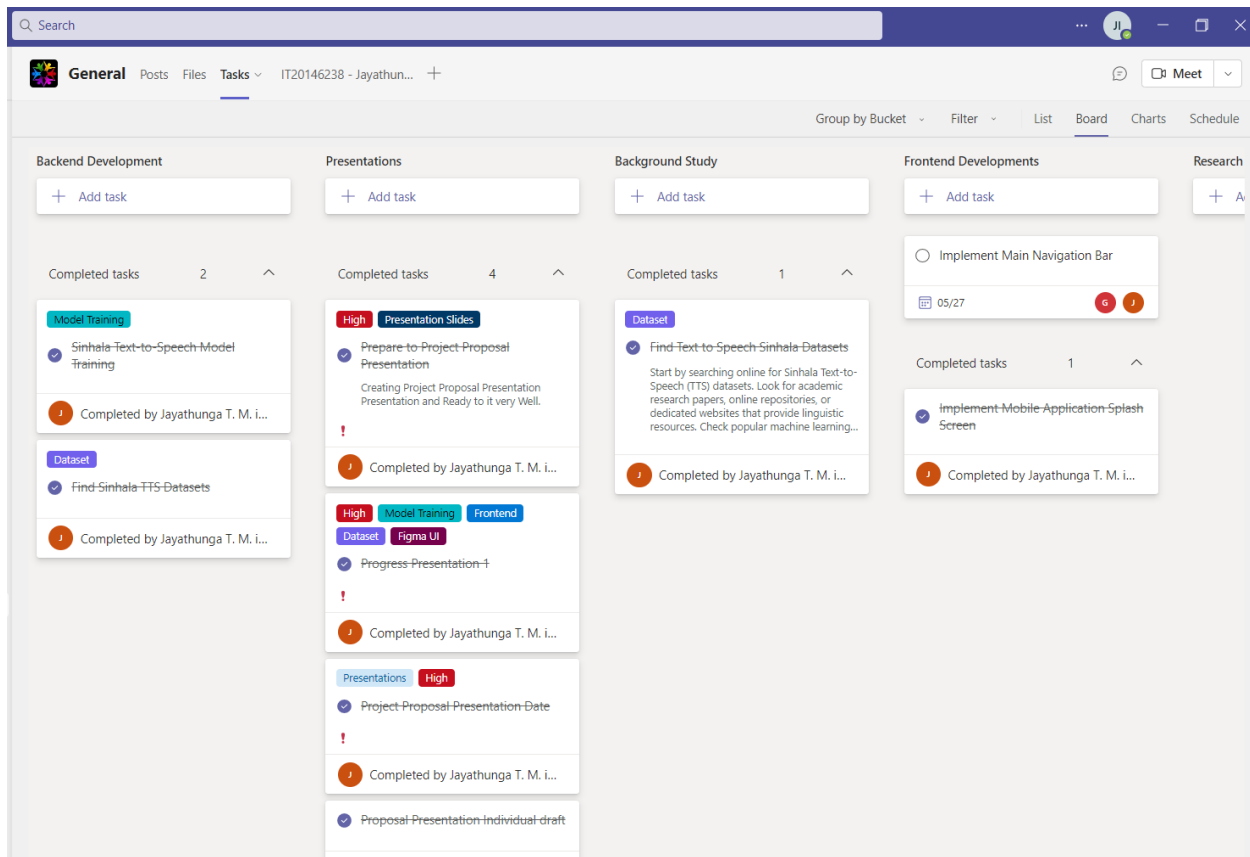


Fig. 20. Planner Board Part 2

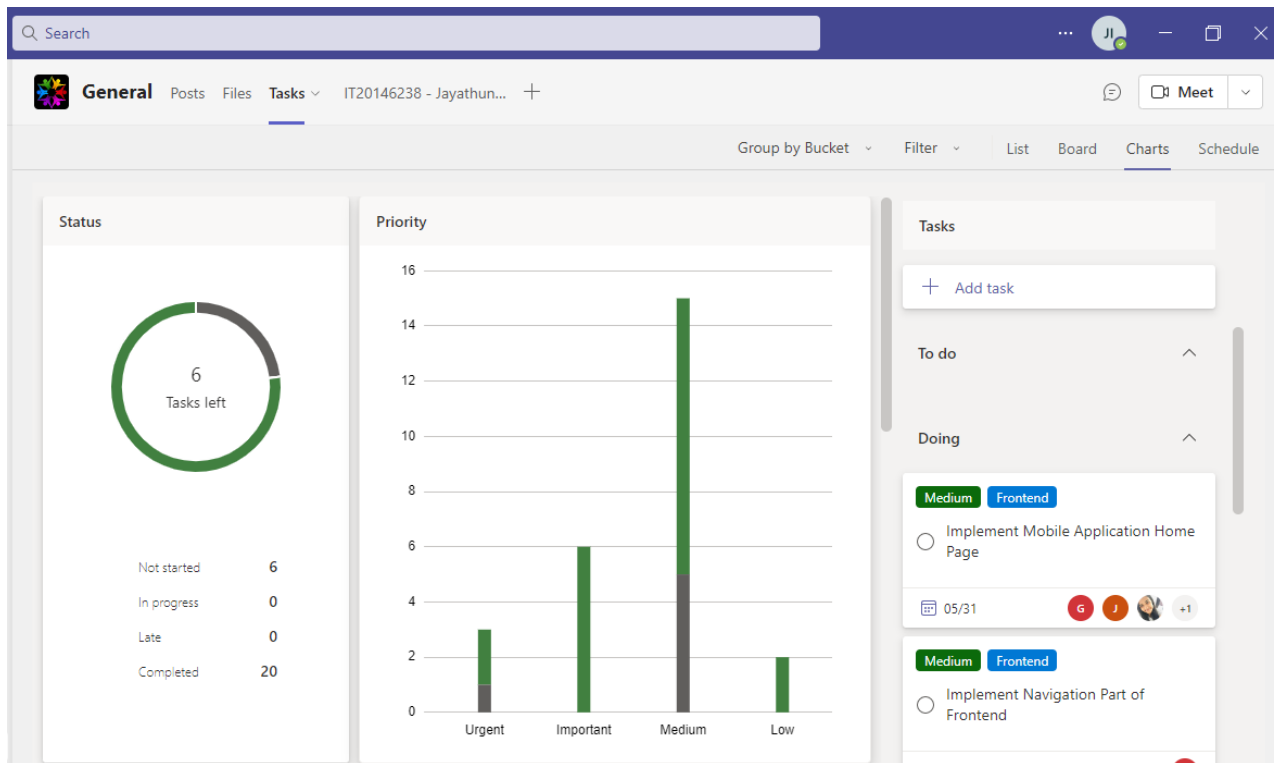


Fig. 21. Teams Planner Charts

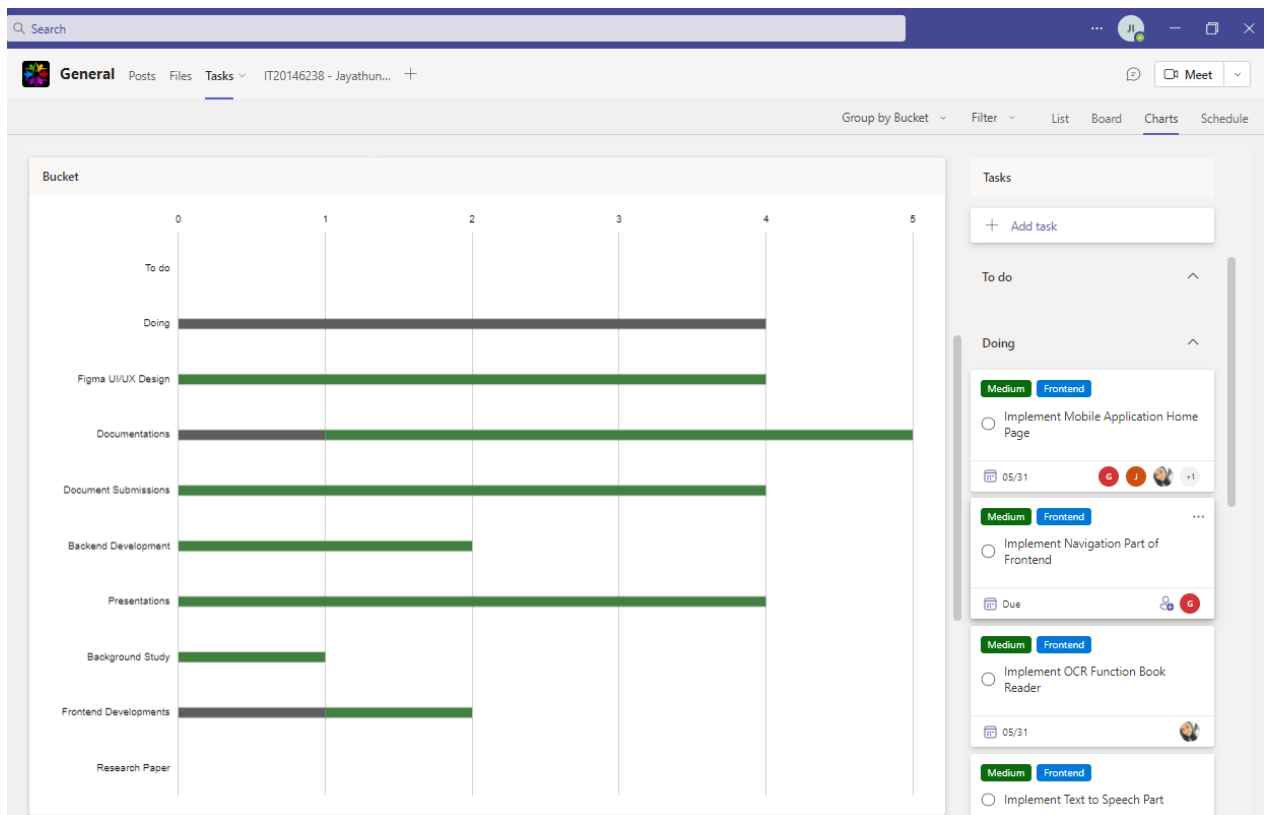


Fig. 22. Teams Planner Chart Bucket



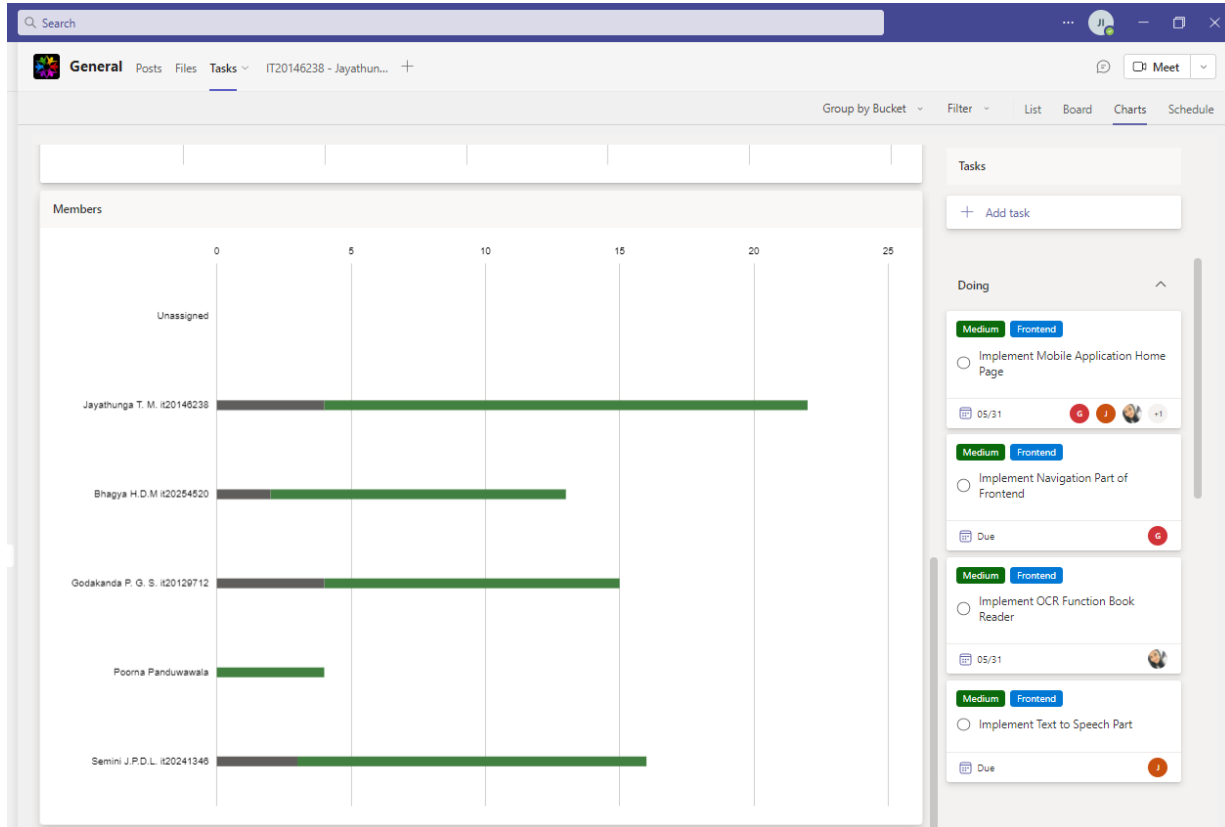


Fig. 23. Members Assigned Tasks

The screenshot shows a task management dashboard in list view. The table lists tasks with columns for Task title, Assigned to, Priority, Due date, and Bucket. Each task row includes a status icon (circle) and a list of assignee initials.

Task title	Assigned to	Pri...	Due	Bucket
Implement Main Navigation Bar	G, J		5/27	Frontend Develo...
Implement Mobile Application Home Page	G, J, SI, BI		5/31	Doing
Implement OCR Function Book Reader	SI Semini J.P.D.L. it20241...		5/31	Doing
Implement Navigation Part of Frontend	G Godakanda P. G. S. it2...			Doing
Implement Text to Speech Part	J Jayathunga T. M. it20...			Doing
Status Document 1	G, J, SI, BI		5/26	Documentations

Fig. 24. Members Assigned Task List

Search						Meet	
General						IT20146238 - Jayathun...	
Tasks						List	
Completed						Filter	
Task title						Completed 1	
Completed by						Bucket	
Priority							
+ Add a task							
Implement Mobile Application Splash Screen	J	Jayathunga T. M. it2...	↓	5/26	Frontend Develo...	...	
Proposal Presentation Individual draft	J	Jayathunga T. M. it2...		5/26	Presentations	...	
TAF Submission	J	Jayathunga T. M. it2...	!	5/26	Document Submi...	...	
Project Charter Submit	J	Jayathunga T. M. it2...		5/26	Document Submi...	...	
Individual Project Charter Document Submission	J	Jayathunga T. M. it2...	!	5/26	Document Submi...	...	
Find Sinhala TTS Datasets	J	Jayathunga T. M. it2...	↓	5/26	Backend Develop...	...	
Sinhala Text-to-Speech Model Training	J	Jayathunga T. M. it2...		5/26	Backend Develop...	...	
Created GCR figma UI	J	Jayathunga T. M. it2...		5/26	Figma UI/UX Desi...	...	
Create Proposal Presentation Document	J	Jayathunga T. M. it2...		5/26	Documentations	...	
Implementation Sinhala Speech to Text in Figma UI Designs	J	Jayathunga T. M. it2...		5/26	Figma UI/UX Desi...	...	
Create Splash Screen of Figma UI Design	J	Jayathunga T. M. it2...		5/26	Figma UI/UX Desi...	...	
Select Mobile Application Name	J	Jayathunga T. M. it2...		5/26	Figma UI/UX Desi...	...	
Find Text to Speech Sinhala Datasets	J	Jayathunga T. M. it2...		5/26	Background Study	...	
Project Charter Confirmation Submission	J	Jayathunga T. M. it2...	!	5/26	Document Submi...	...	
Create Topic Assignment Form	J	Jayathunga T. M. it2...	!	5/26	Documentations	...	
Create Project Charter	J	Jayathunga T. M. it2...	!	5/26	Documentations	...	
Progress Presentation 1	J	Jayathunga T. M. it2...	!	5/26	Presentations	...	
Project Proposal Presentation Date	J	Jayathunga T. M. it2...	!	4/2	Presentations	...	
Prepare to Project Proposal Presentation	J	Jayathunga T. M. it2...	!	3/30	Presentations	...	
Create Project Proposal (draft) Individual Document (IT20146238-Jayathunga T.M.)	J	Jayathunga T. M. it2...		3/27	Documentations	...	

Fig. 25. Completed Task List

## 4. GitLab Commitments

### 4.1. Git Main Branch

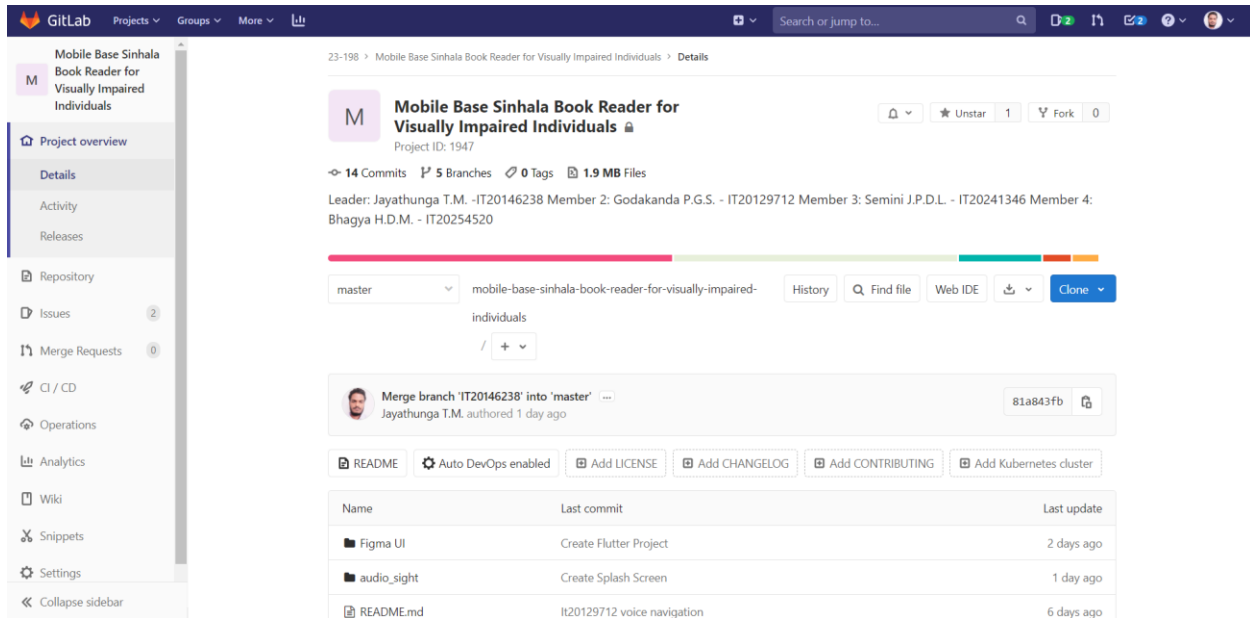


Fig. 26. GitLab Main Branch

### 4.2. Git Commits Contributions Graphs

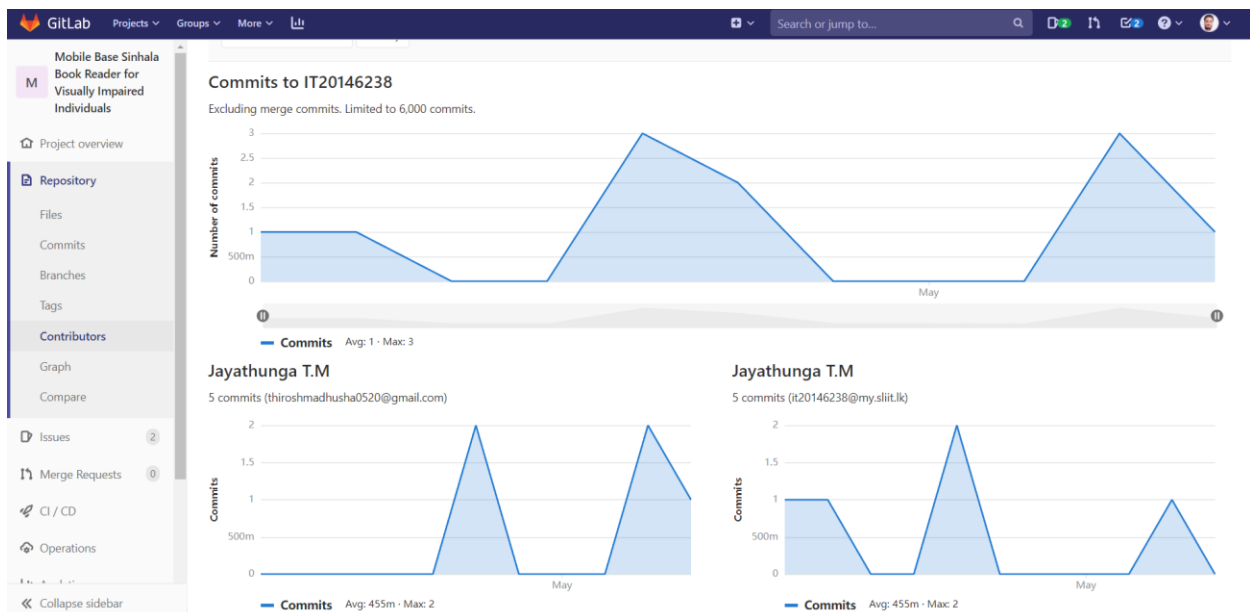


Fig. 27. GitLab Commits Contribution Graphs

### 4.3. GitHub Individual Commits

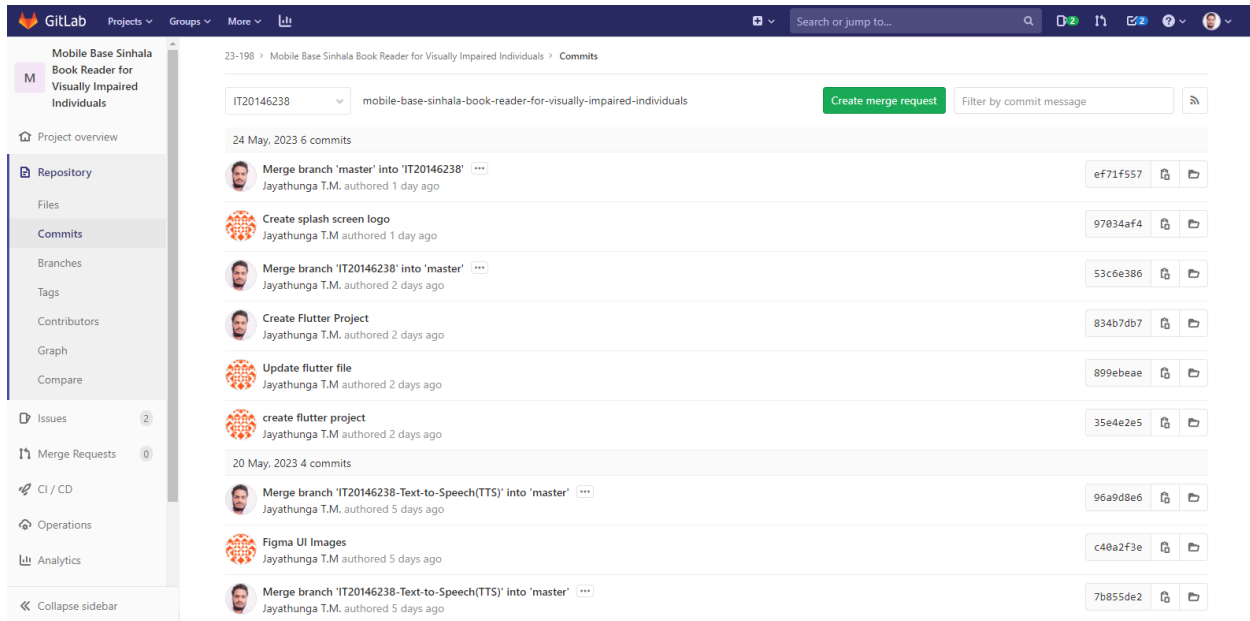


Fig. 28. GitLab Commits

## 5. Data Collections

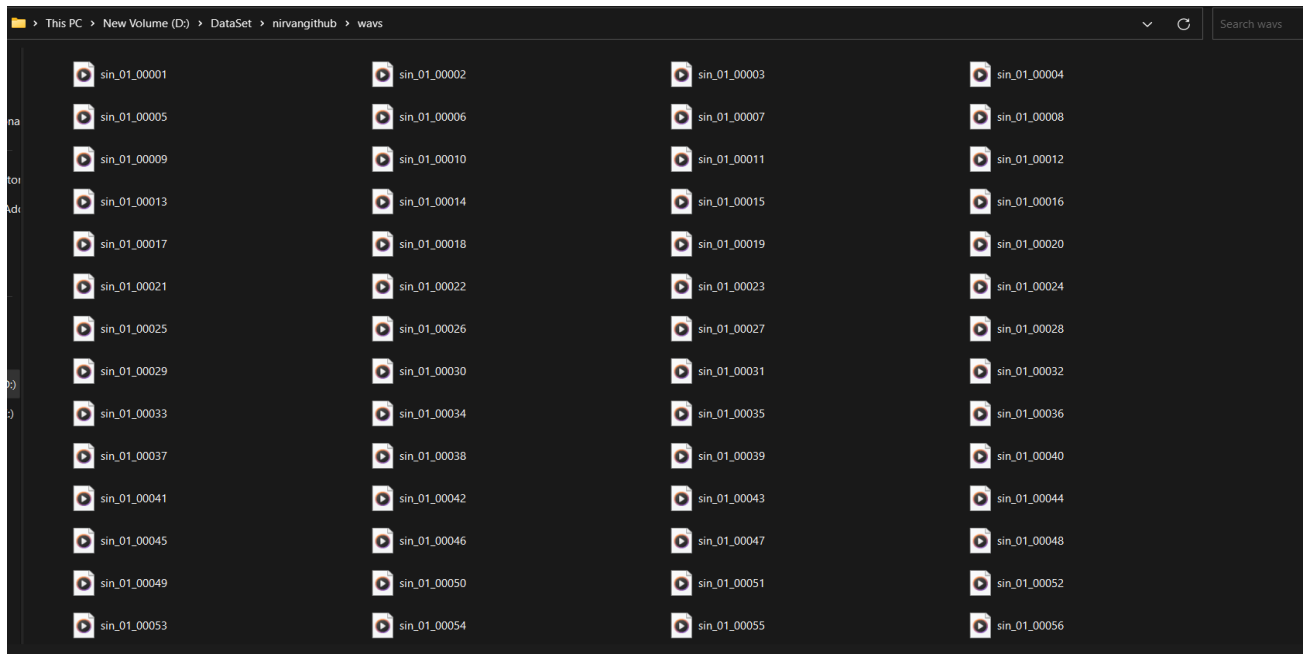


Fig. 29. Datasets

## 6. WhatsApp Group & Calls

### 6.1. Research Team WhatsApp Group Call



Fig. 30. Research Team WhatsApp Group Call

## 6.2. Research Team Group

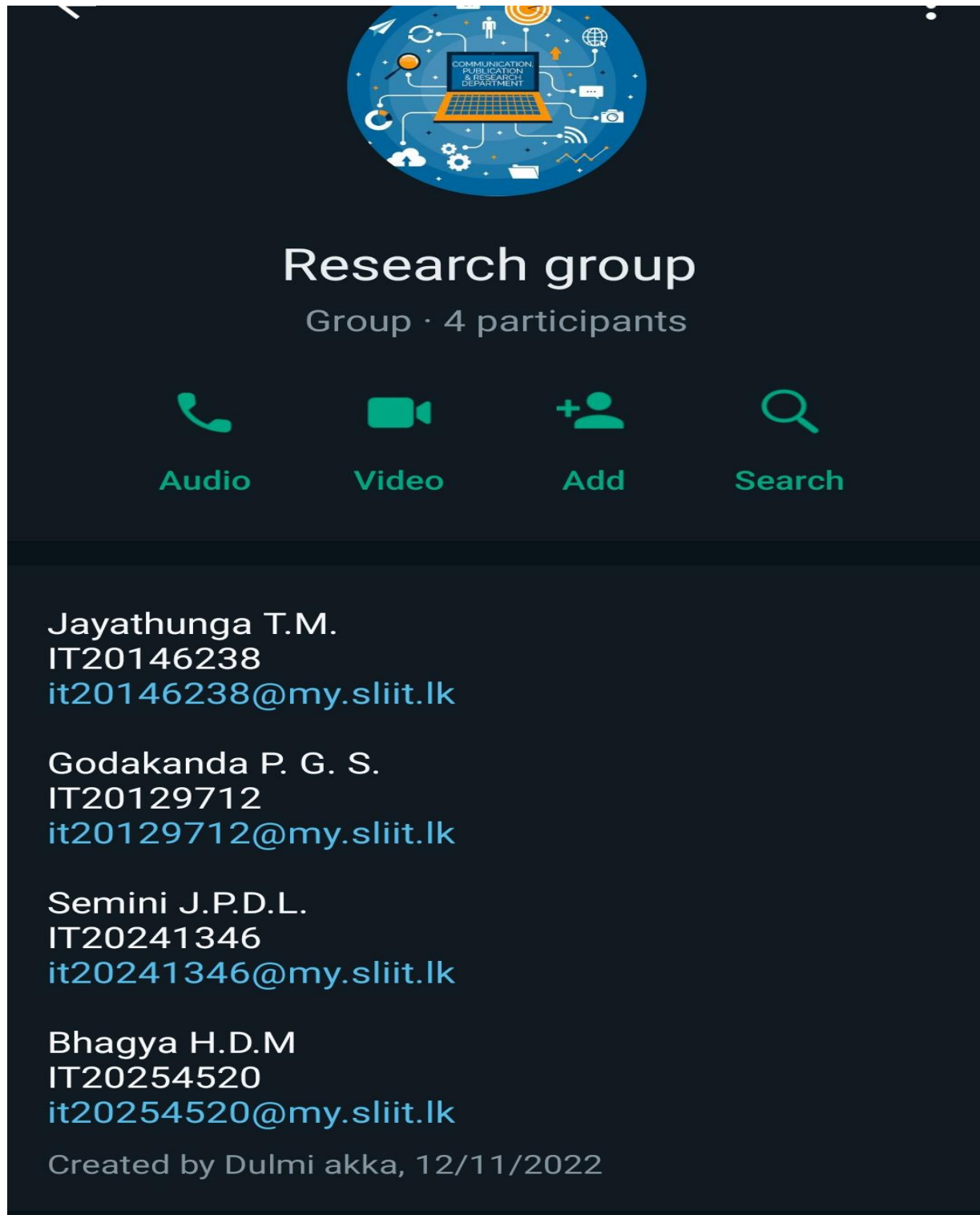


Fig. 31. Research Team Group

## 7. Work Breakdown Structure & Allocate Resources for Each Area.

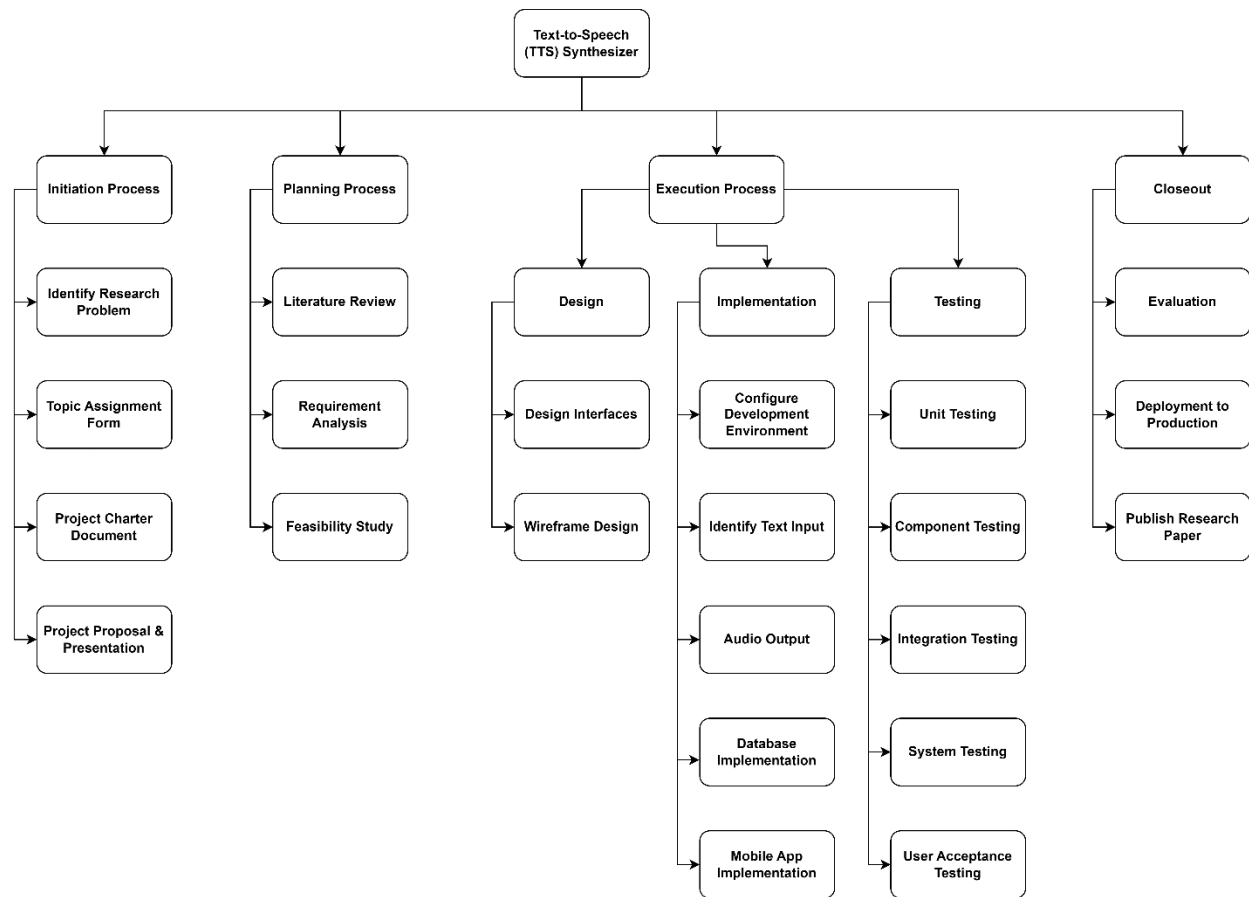


Fig. 32. Work Breakdown Chart

## 8. Gantt Chart of Finalize Design & Implementation Phase

### Gantt Chart

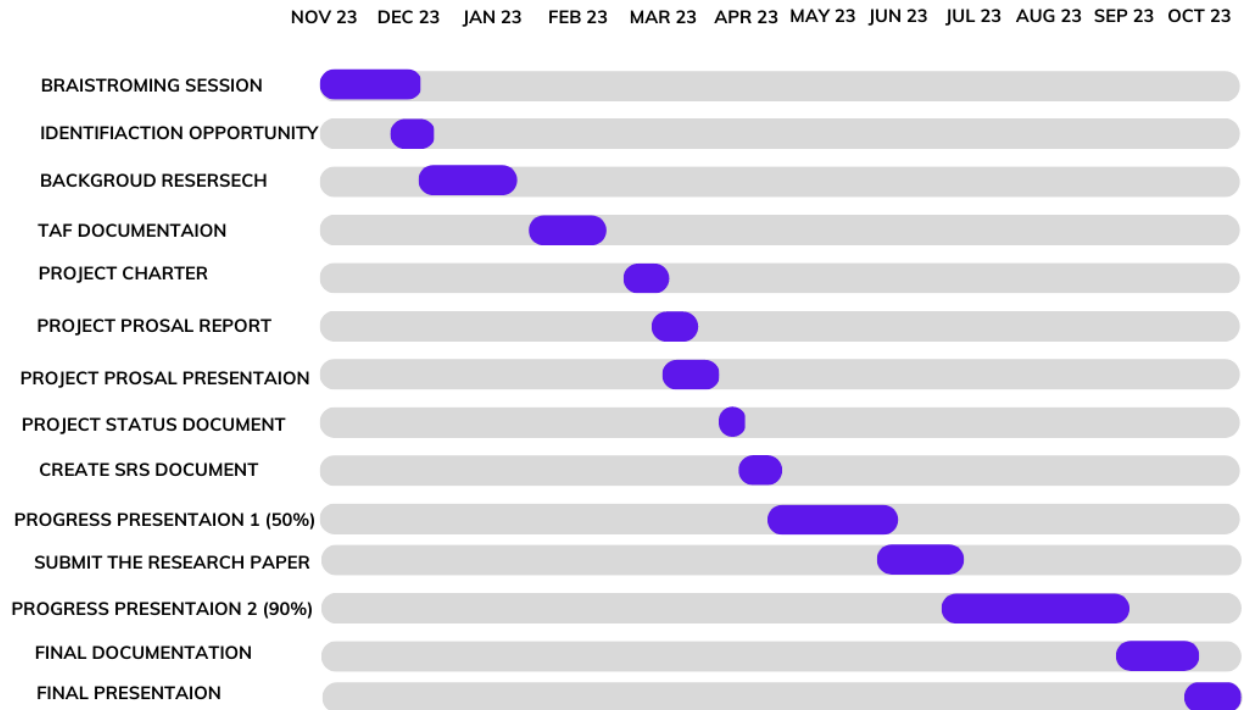


Fig. 33. Gantt Chart