Mobile Base Sinhala Book Reader for Visually Impaired Individuals

Project ID: 23-198

Project Status Document 1 – Individual

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Co-Supervisor: Ms. Poorna Panduwawela

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Sri Lanka

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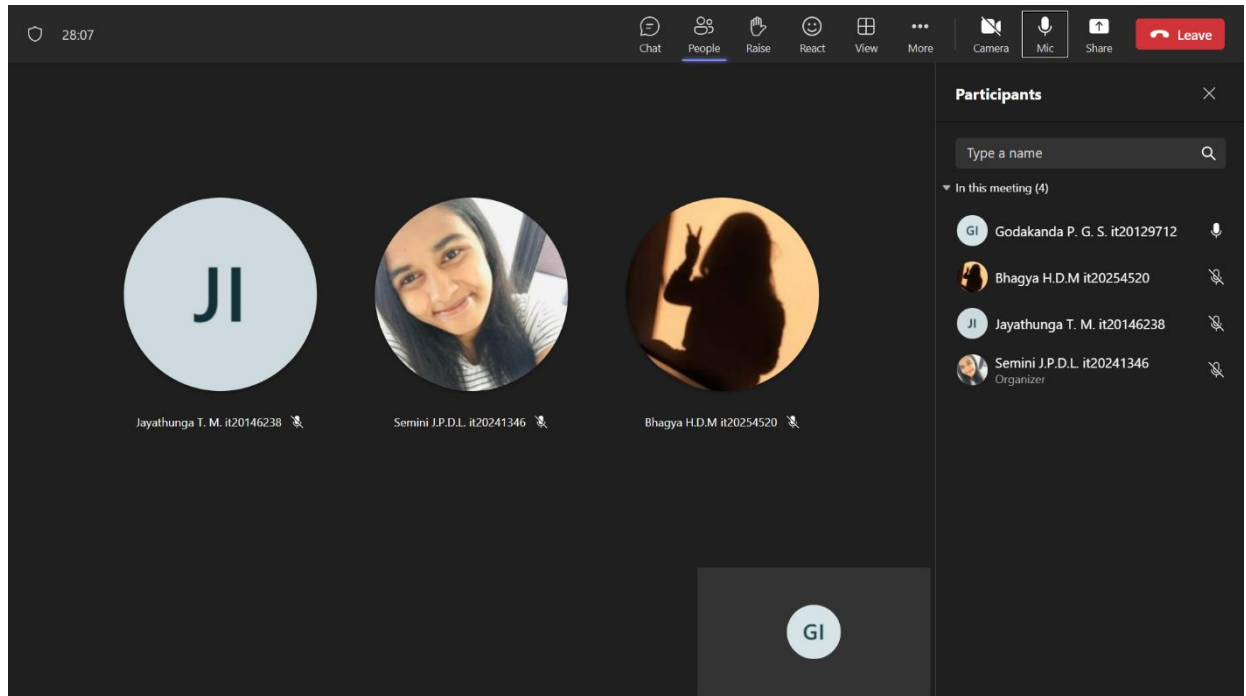## 1.1. MS Teams Calls with Research Team
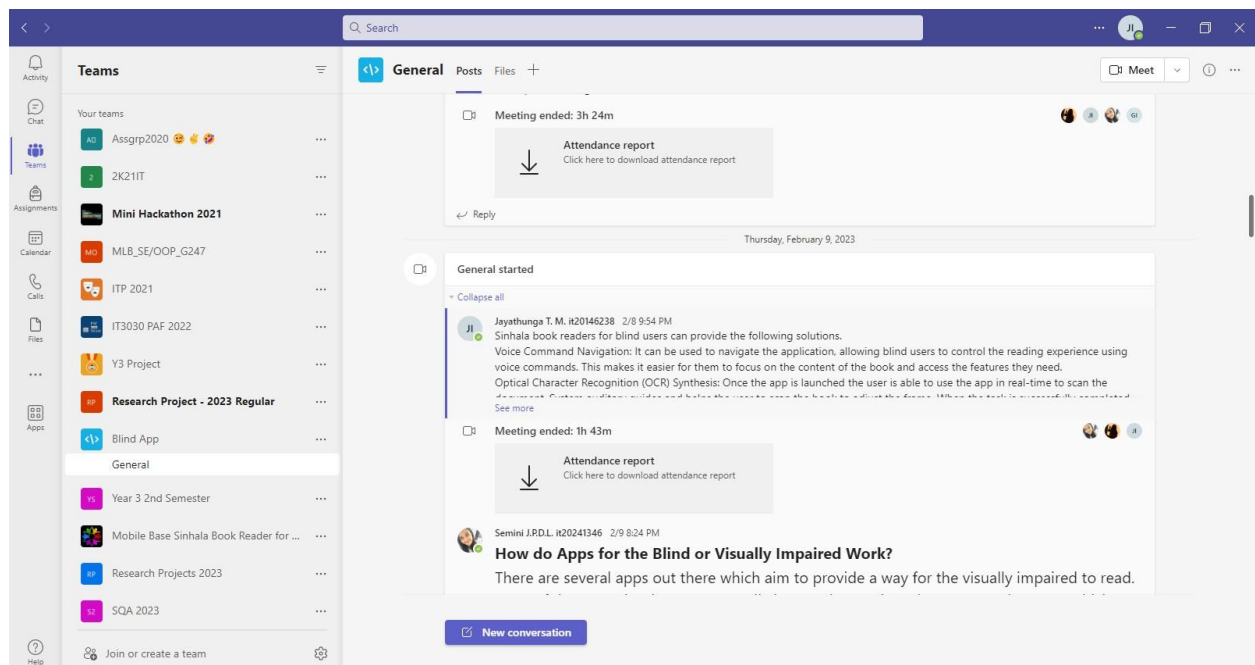

Fig. 1. Teams Call 1 with Research Team

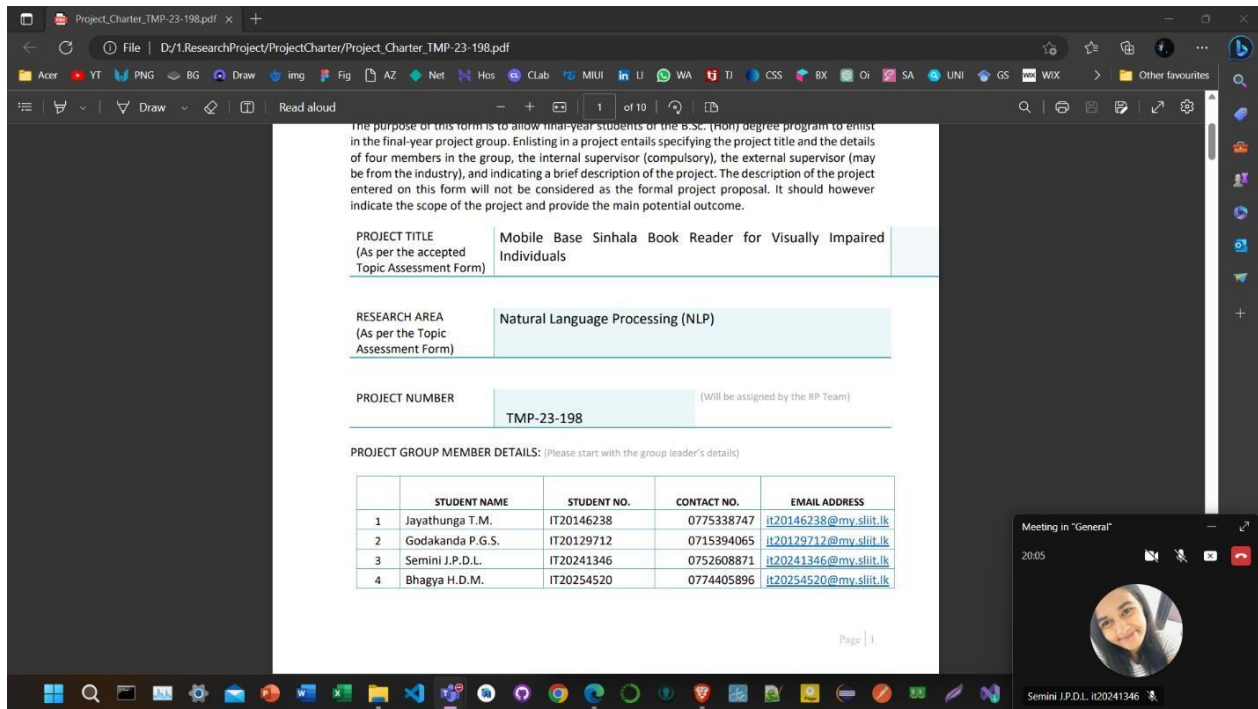Fig. 2. Teams Call 2 with Research Team

Fig. 3. Teams Call 3 with Research Team
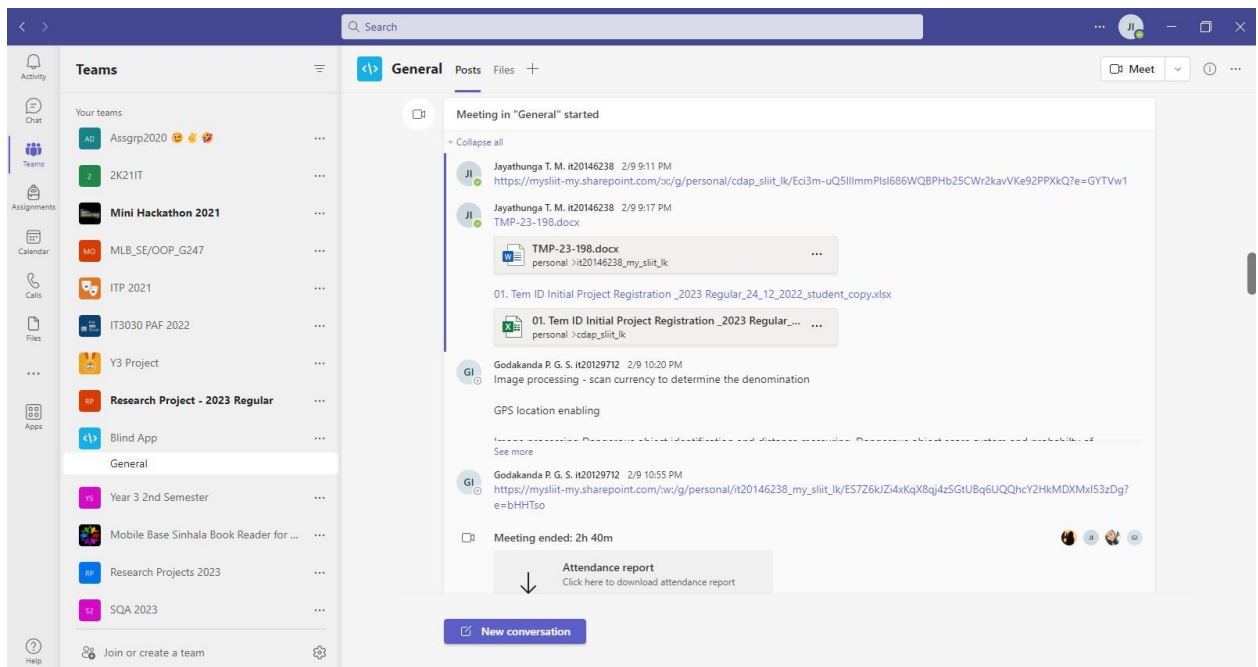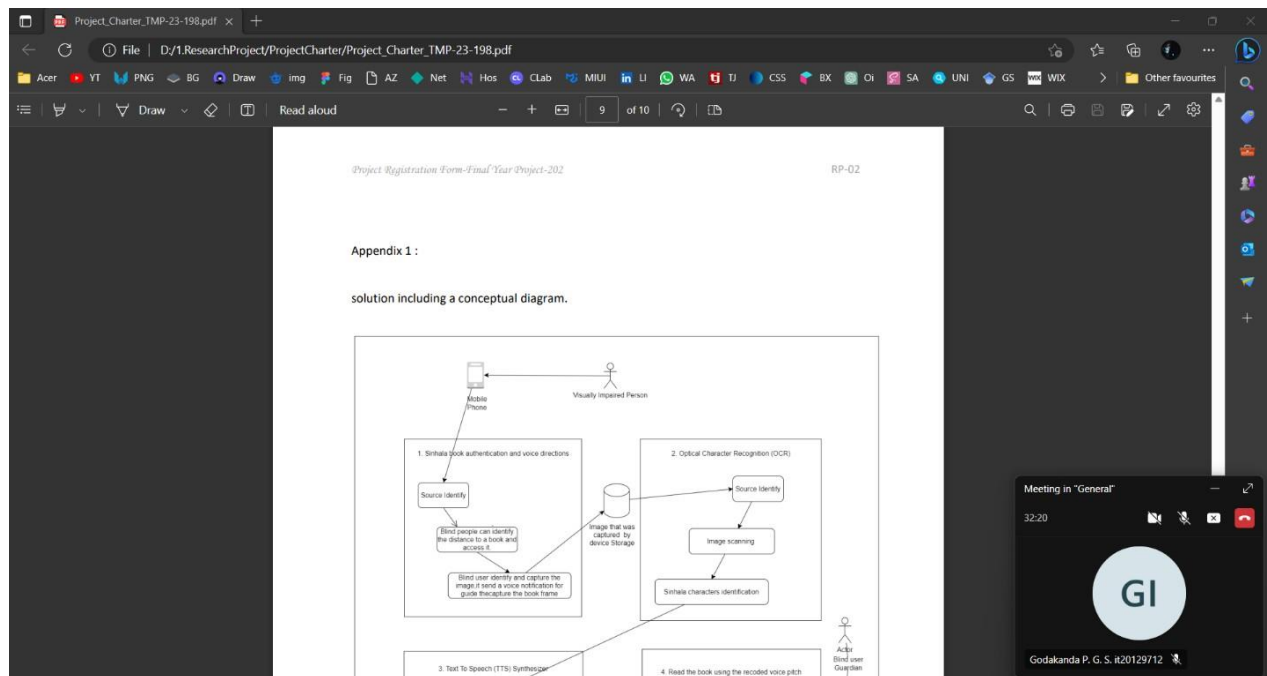

Fig. 4. Teams Call 4 with Research Team

Fig. 5. Teams Call 5 with Research Team
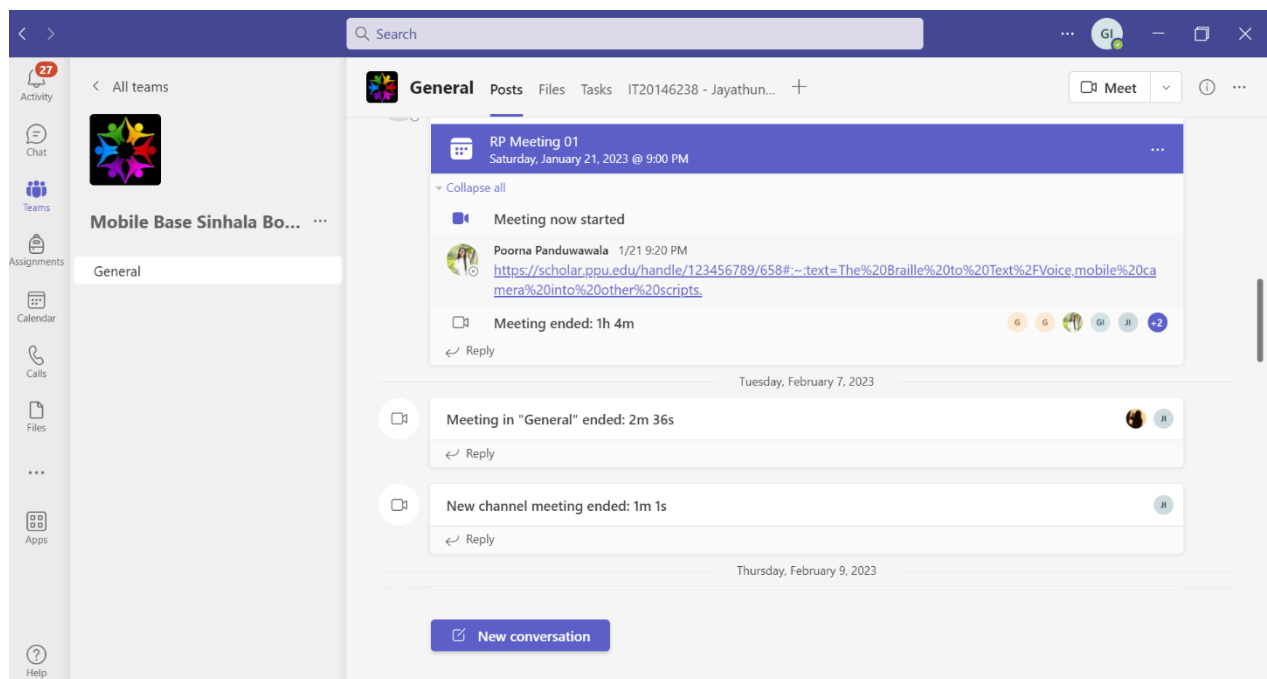
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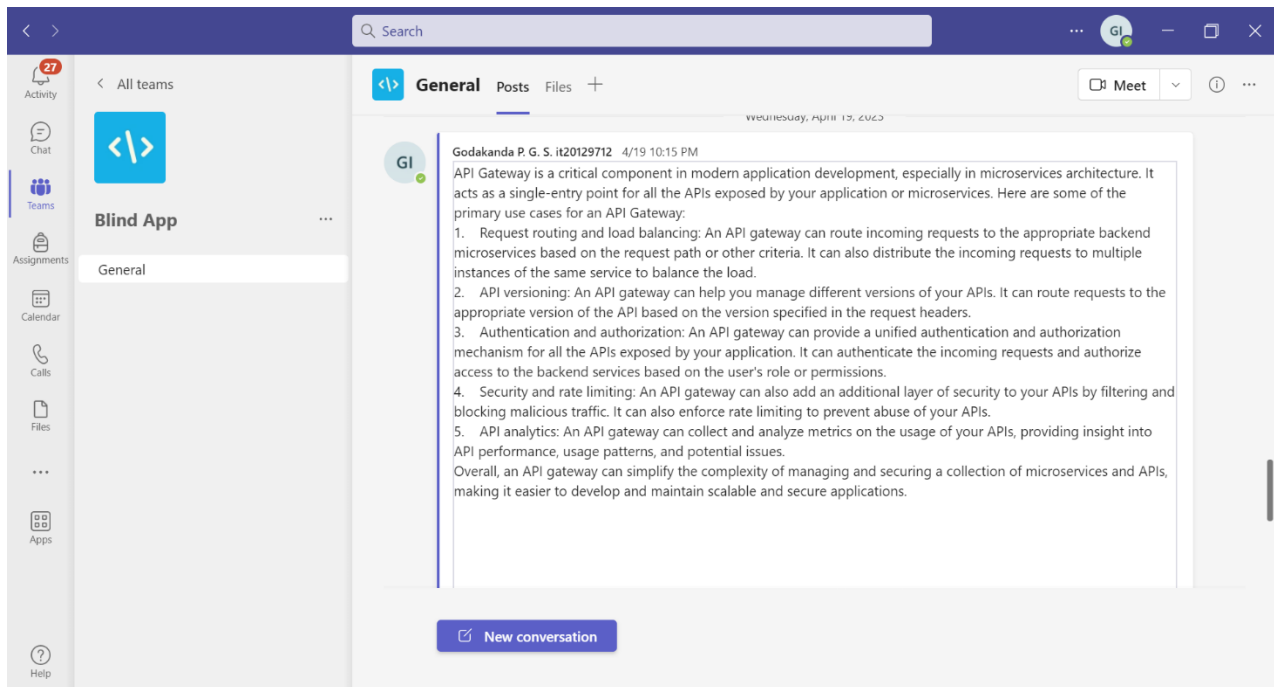
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Fig. 8. Teams Call 8 with Research Team

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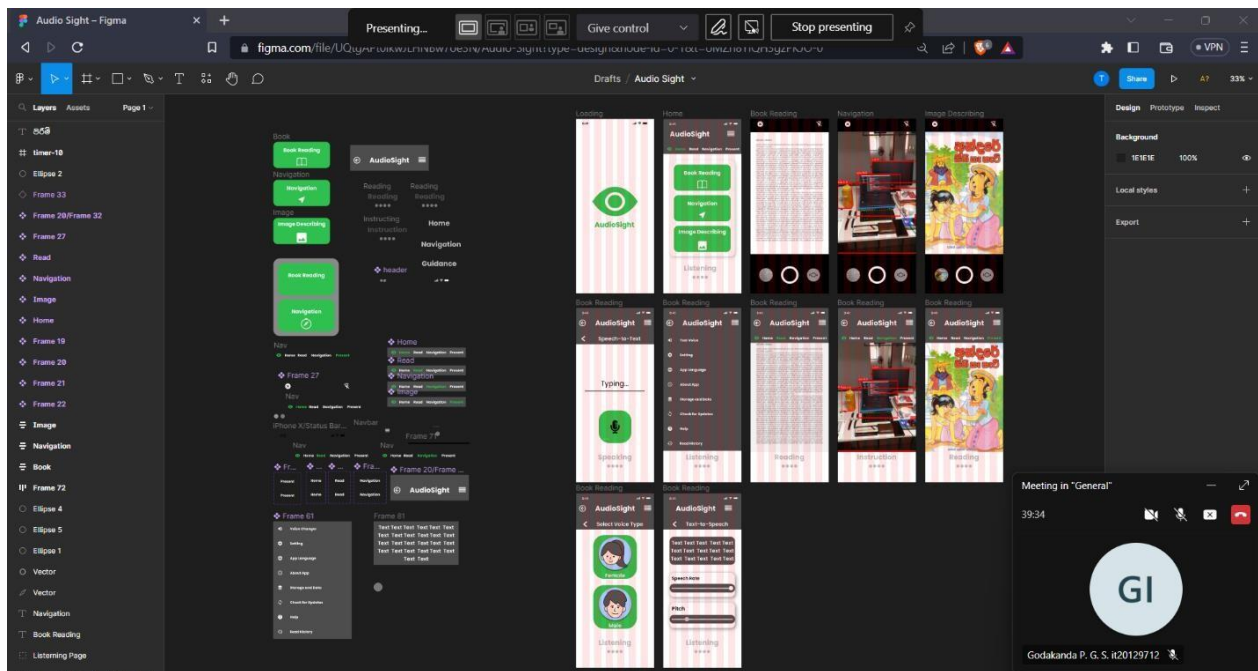
Fig. 10. Teams Call 10 with Research Team

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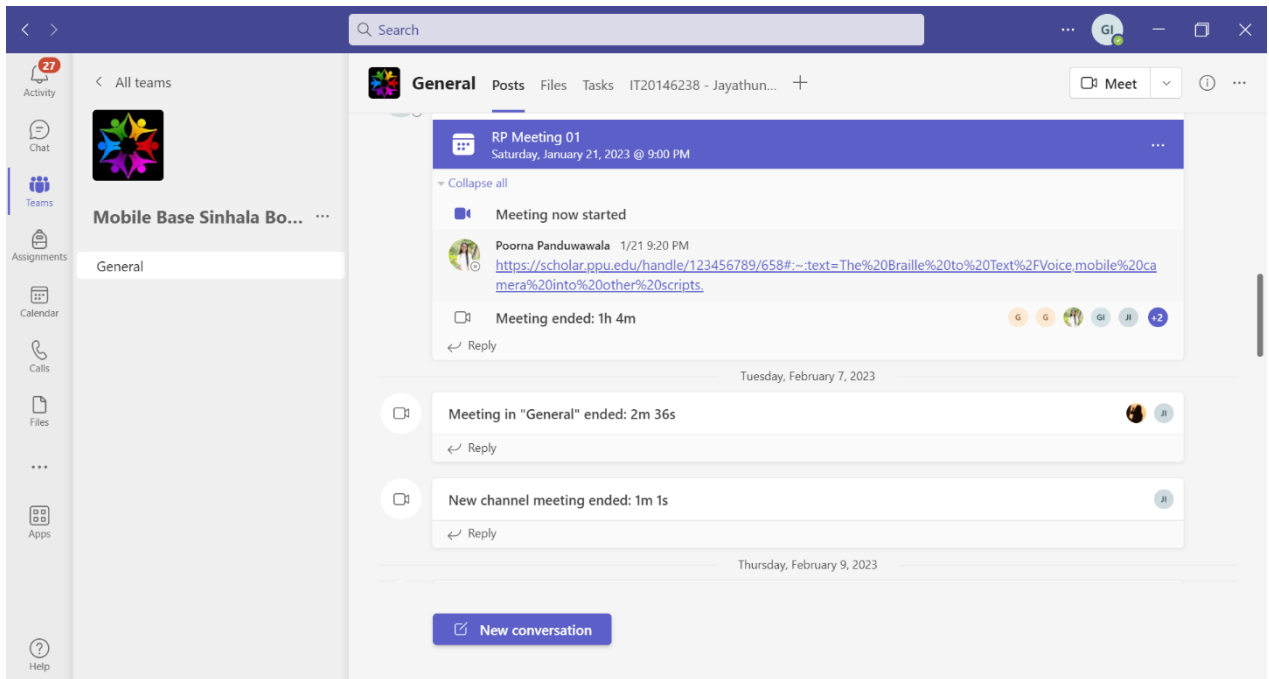
Fig. 11. Teams Call with Research Team Co-Supervisor

2. Screenshots of the Chats in MS Teams

2.1.   Physically Progress Meeting Schedule Dates in Supervisor
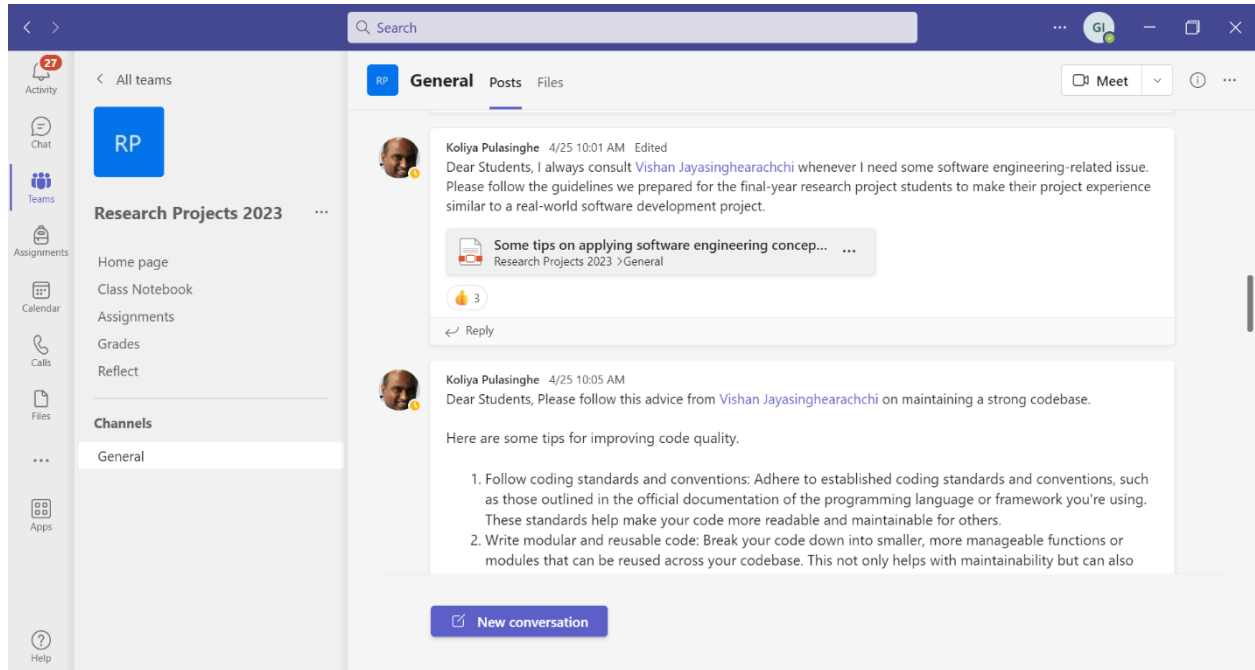
Fig. 12. Physically Meeting schedule
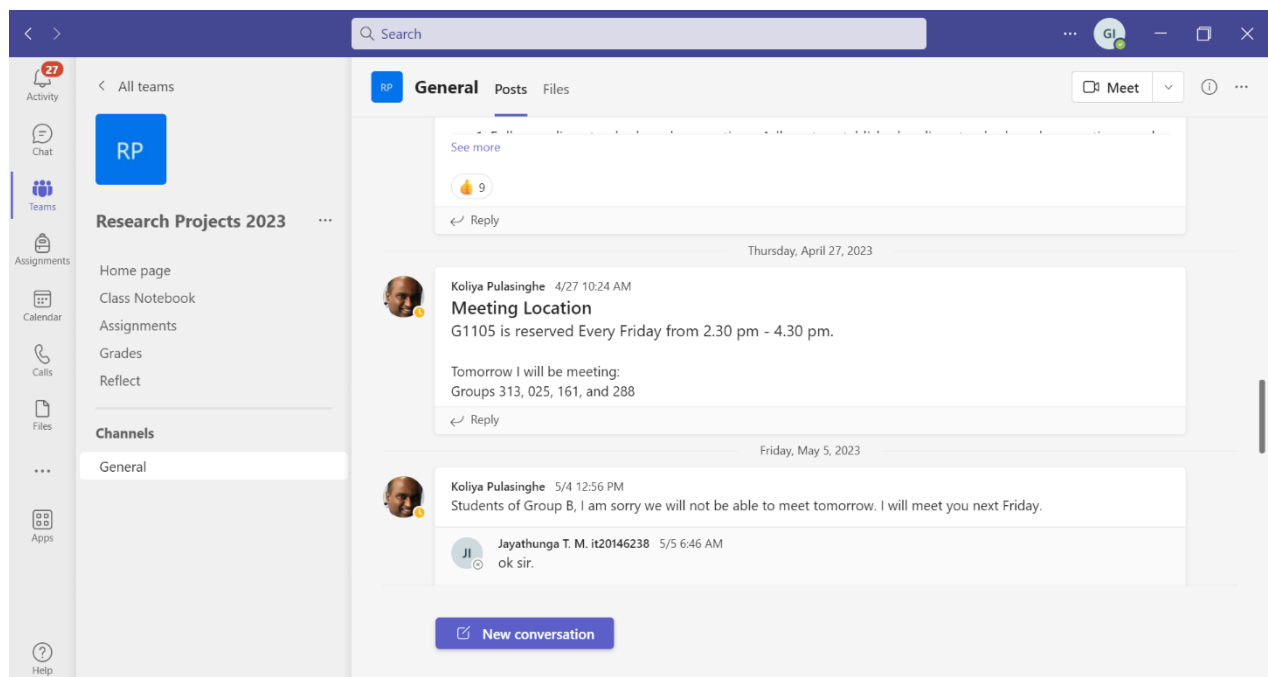
Fig. 13. Teams Chat with Supervisor

2.2.   MS Teams Chat with Research Team
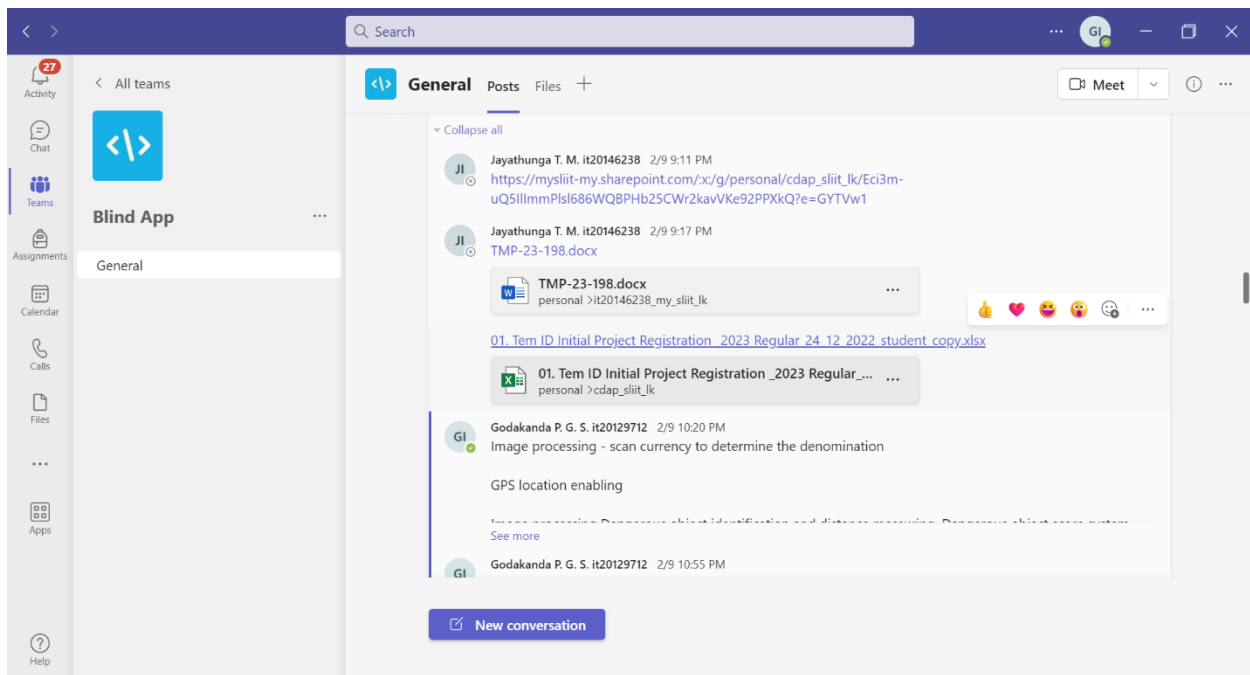
Fig. 14. Teams Chat 1 with Research Team
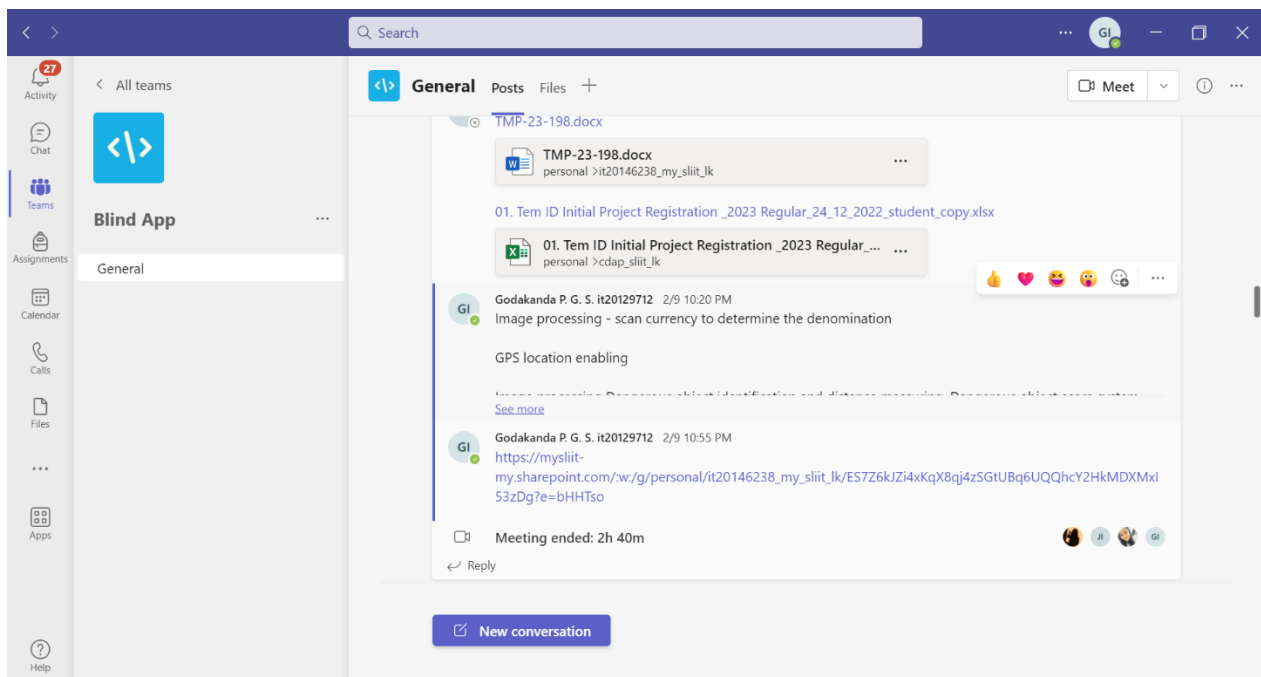
Fig. 15. Teams Chat 2 with Research Team
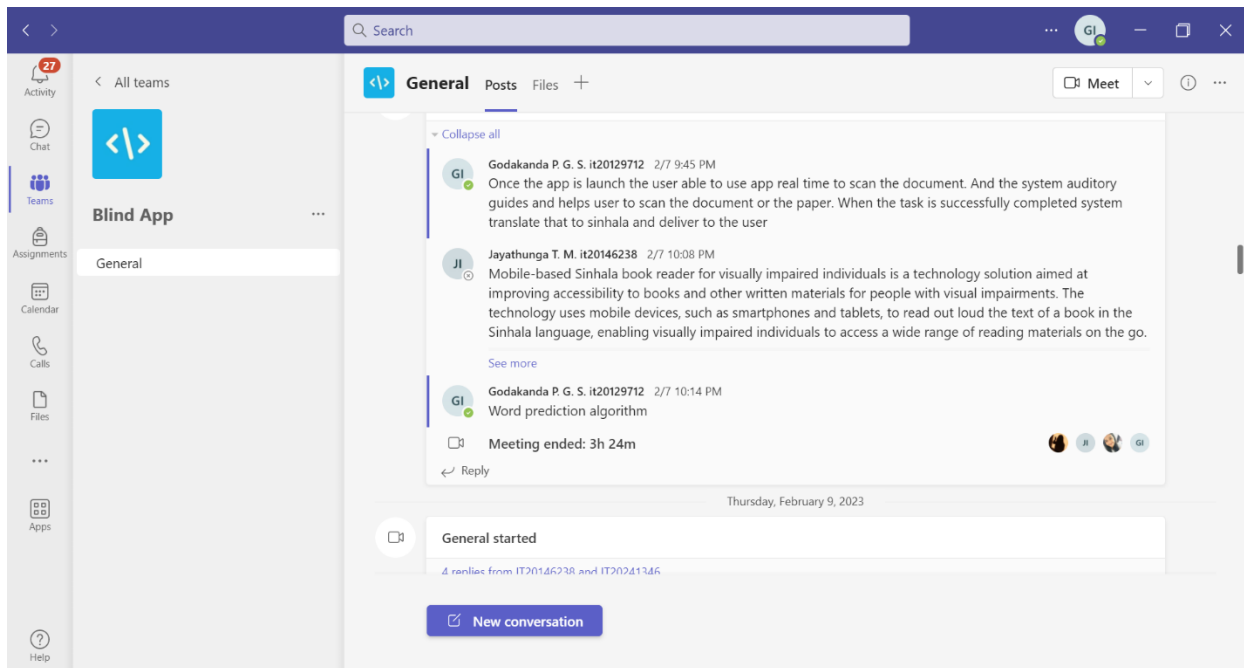
Fig. 16. Teams Chat 3 with Research Team
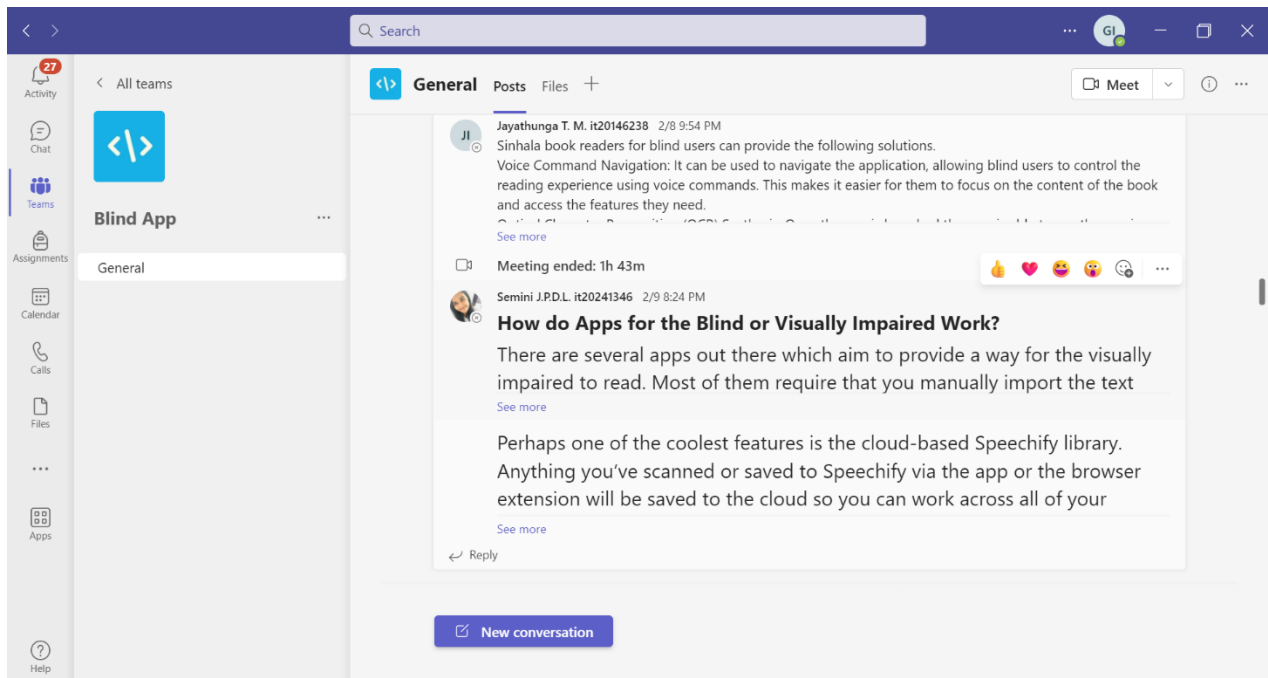
Fig. 17. Teams Chat 4 with Research Team
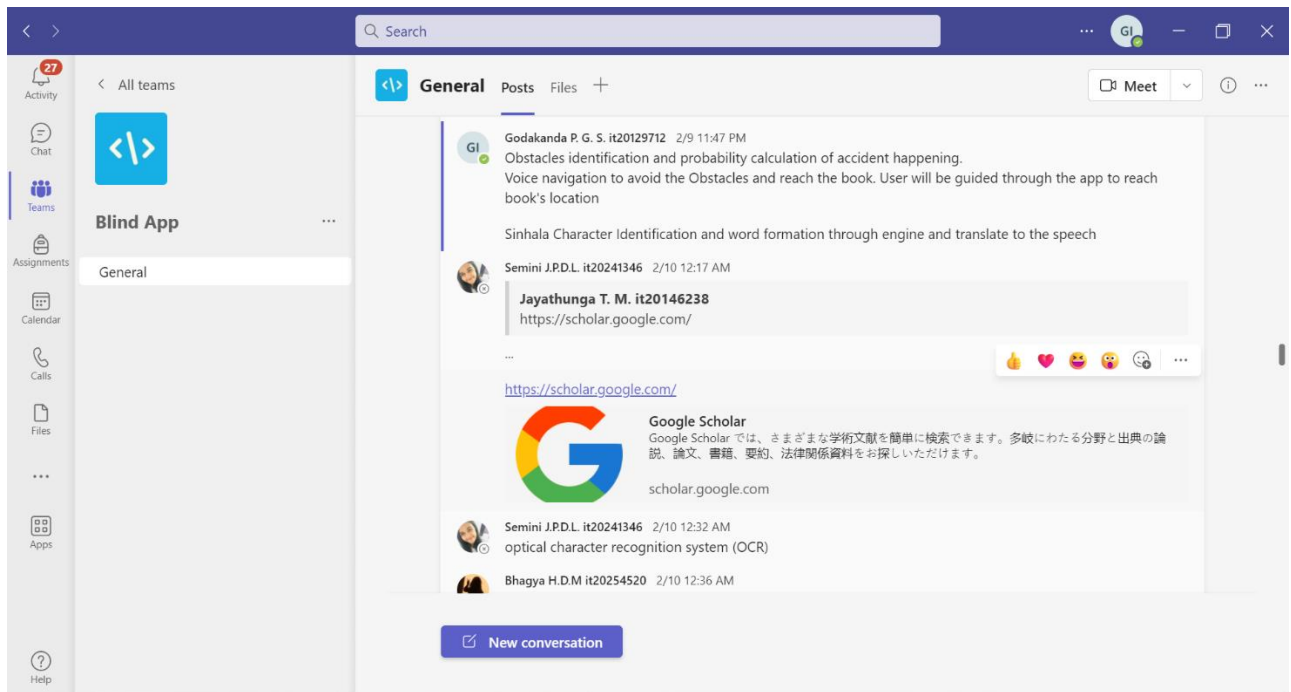
Fig. 18. Teams Chat 5 with Research Team

3. Teams Planner Charts

3.1. MS Teams Planner Board

Fig. 19. Planner Board Part 1
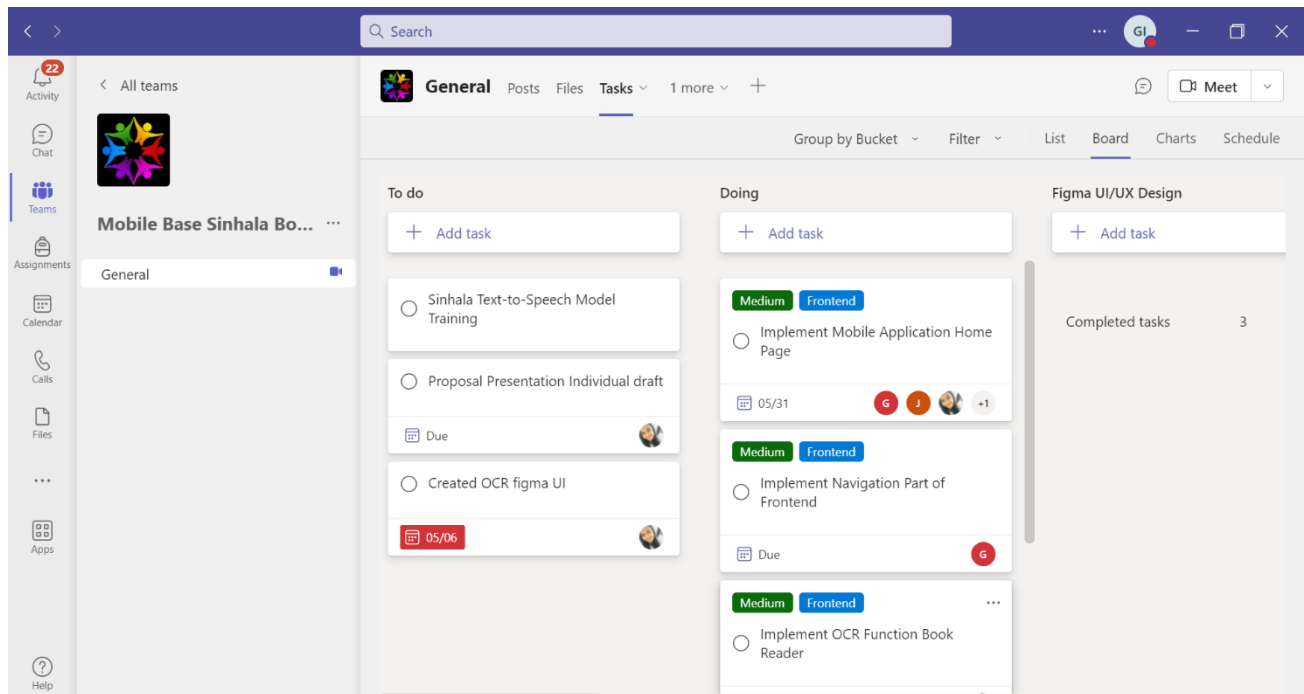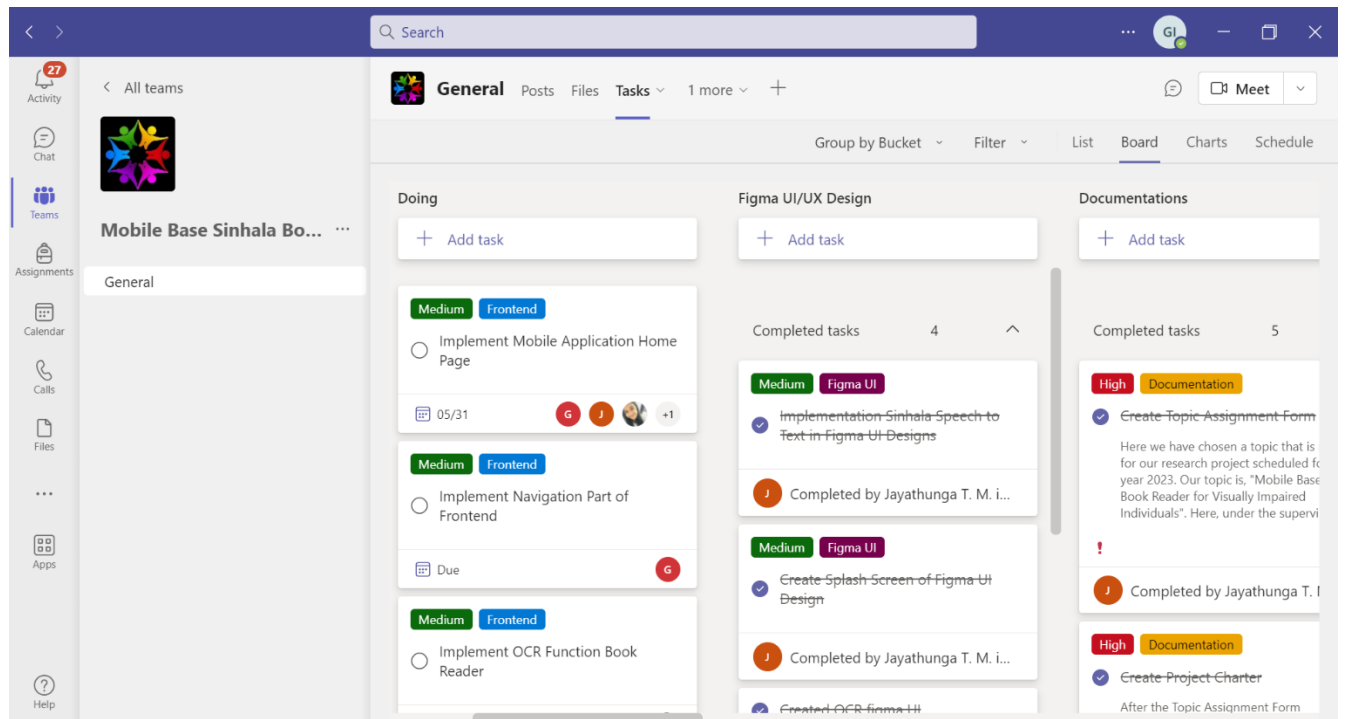
Fig. 20. Planner Board Part 2
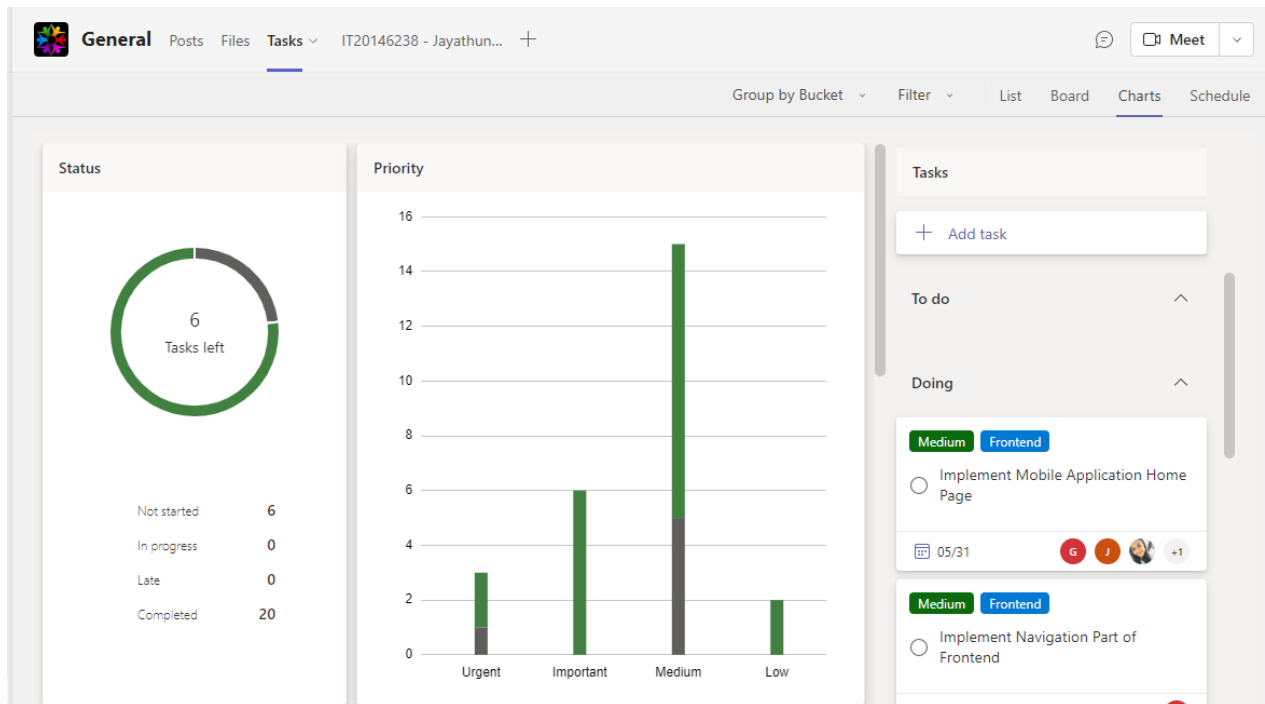
Fig. 21. Teams Planner Charts

Fig. 22. Teams Planner Chart Bucket
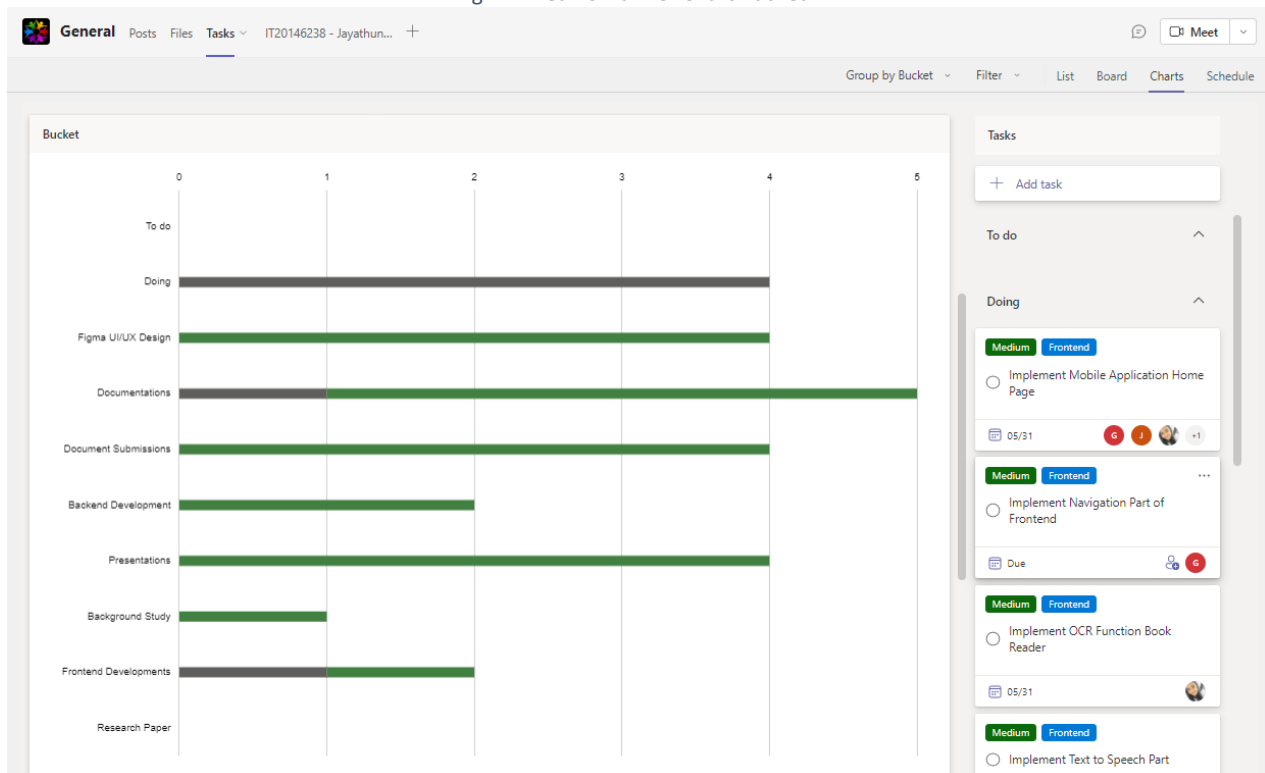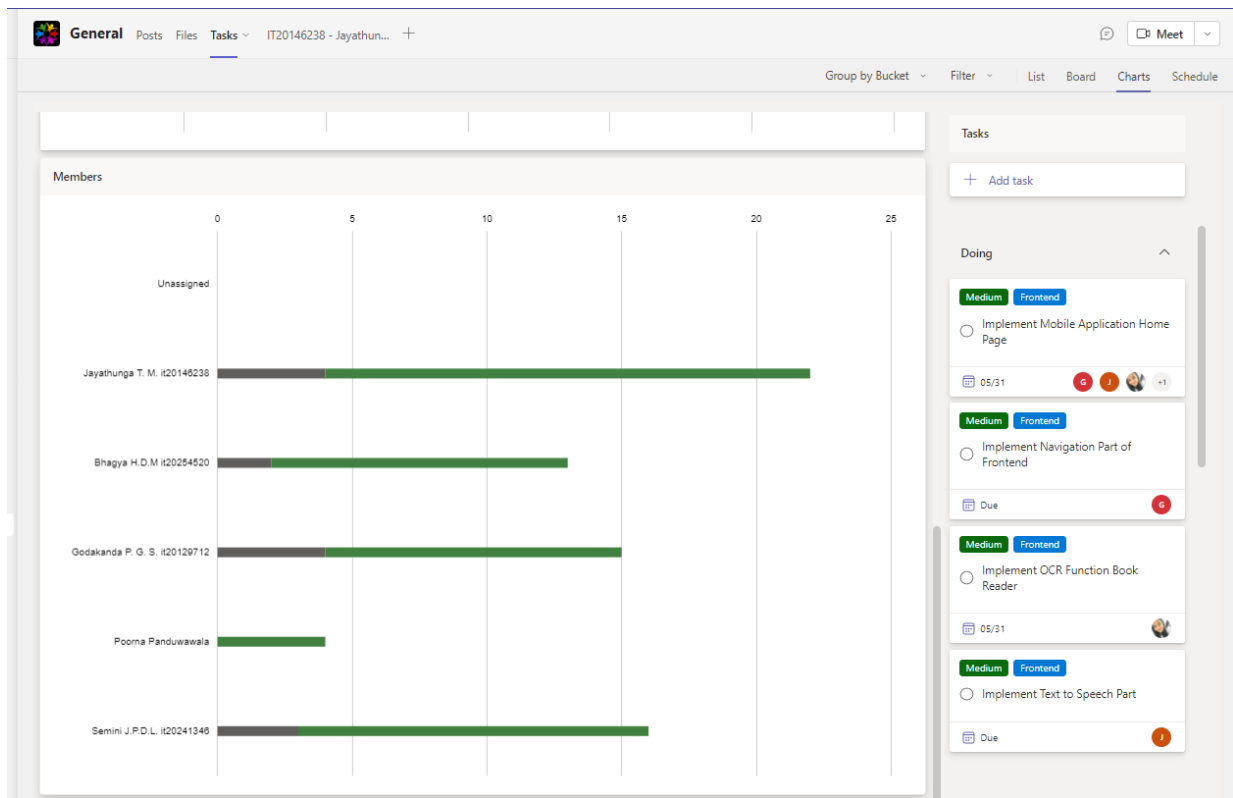
Fig. 23. Members Assigned Tasks

Fig. 24. Members Assigned Task List

4. GitLab Commitments

4.1. Git Main Branch
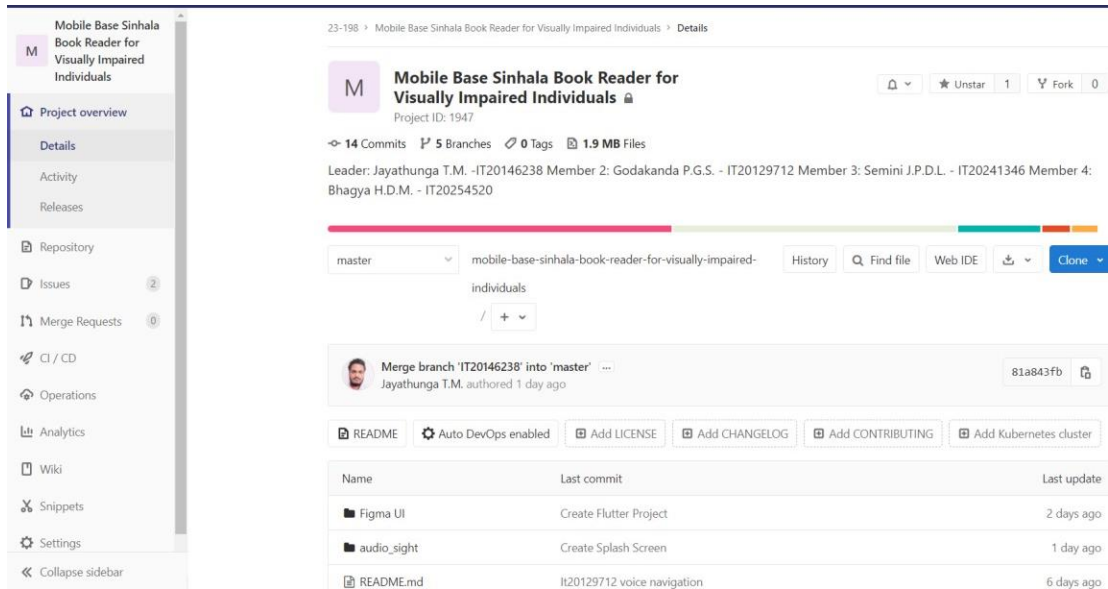
Fig. 26. GitLab Main Branch

4.2. Git Commits Contributions Graphs
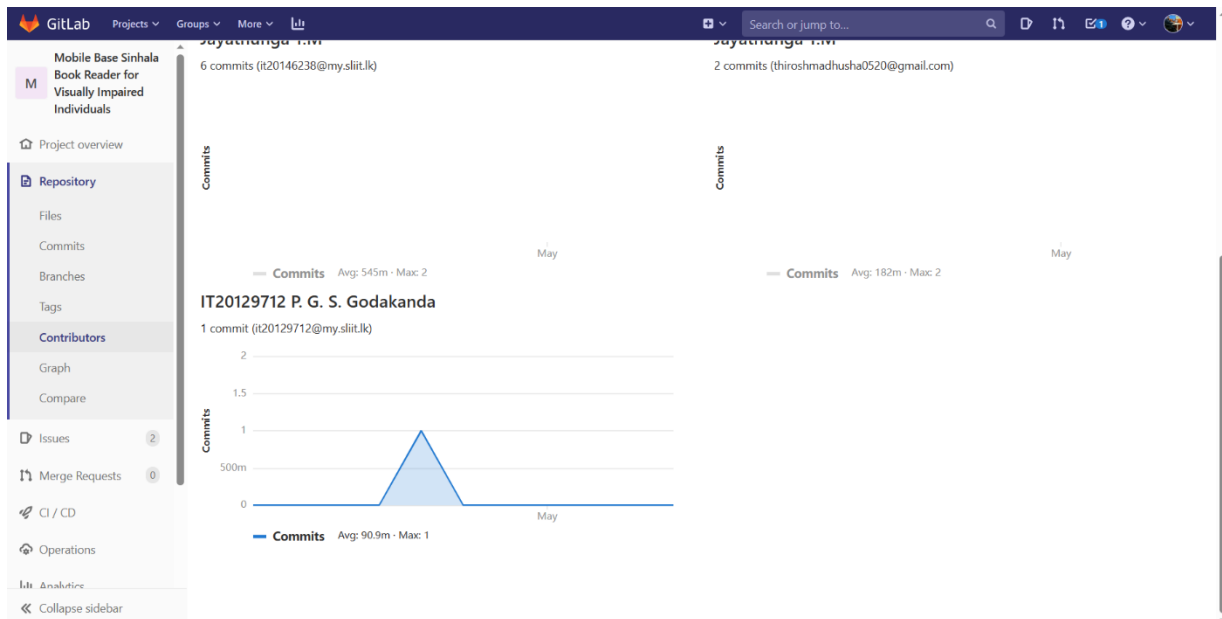
Fig. 27. GitLab Commits Contribution Graphs

4.3. GitHub Individual Commits
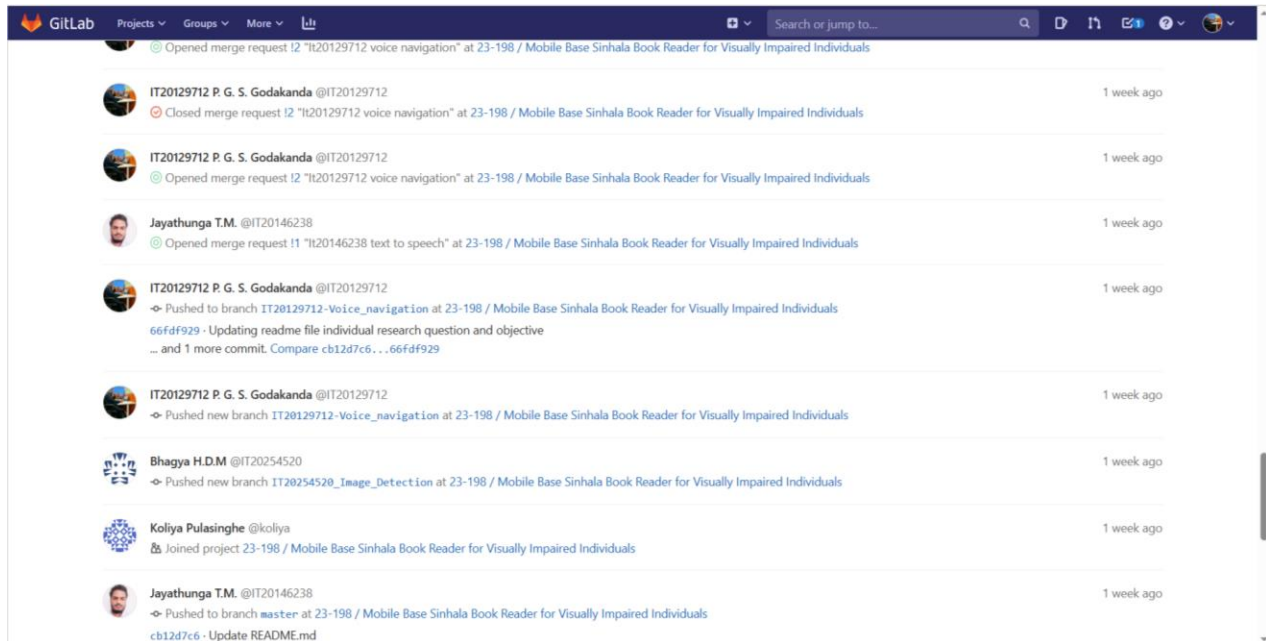
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5. Data Collections
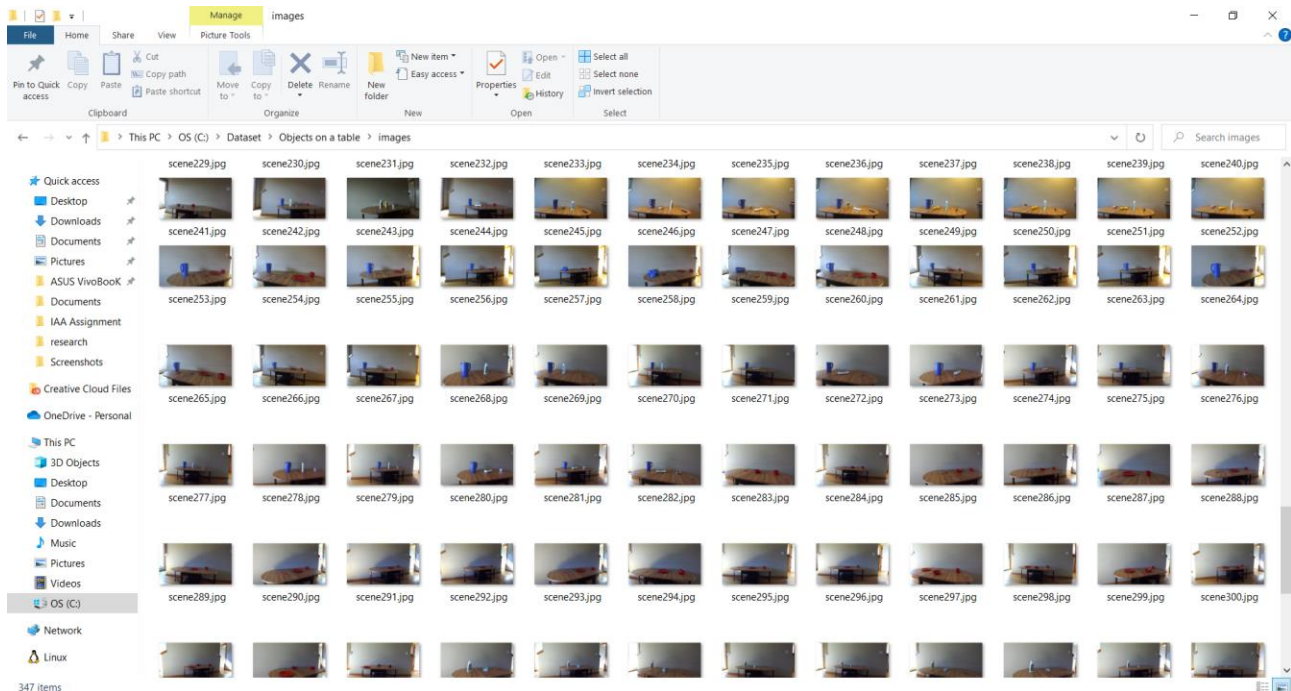
Fig. 29. Datasets

6. WhatsApp Group & Calls

6.1.   Research Team WhatsApp Group Call
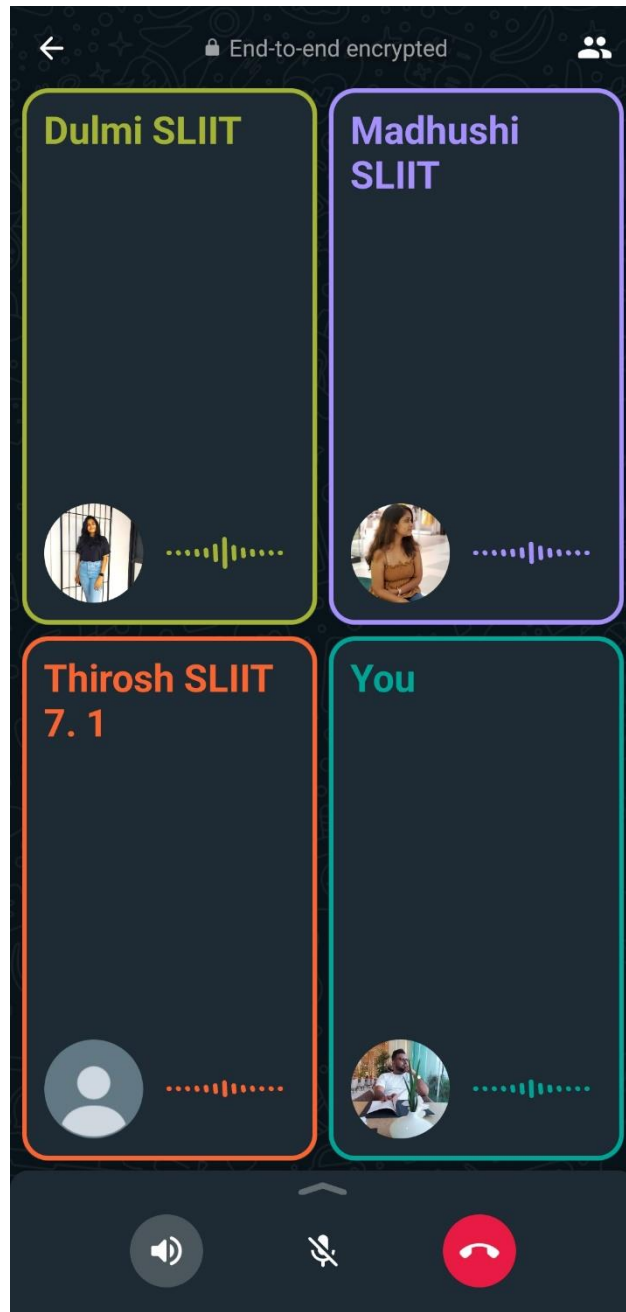
Fig. 30. Research Team WhatsApp Group Call

6.2.   Research Team Group

Fig. 31. Research Team Group

Group info

Research group ✏

Group · 4 participants

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it20254520@my.sliit.lk

Group created by Dulmi SLIIT, on 12/11/2022 at 21:54

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

Voice navigation and Object detection

- **Initiation Process**
  - Identify Research Problem
  - Topic Assignment Form
  - Project Charter Document
  - Project Proposal & Presentation

- **Planning Process**
  - Literature Review
  - Requirement Analysis
  - Feasibility Study

- **Execution Process**
  - **Design**
    - Design Interfaces
    - Wireframe Design
  - **Implementation**
    - Configure Development Environment
    - Identify Text Input
    - Audio Output
    - Database Implementation
    - Mobile App Implementation
  - **Testing**
    - Unit Testing
    - Component Testing
    - Integration Testing
    - System Testing
    - User Acceptance Testing

- **Closeout**
  - Evaluation
  - Deployment to Production
  - Publish Research Paper

Fig. 32. Work Breakdown Chart

8. Gantt Chart of Finalize Design & Implementation Phase

Gantt Chart

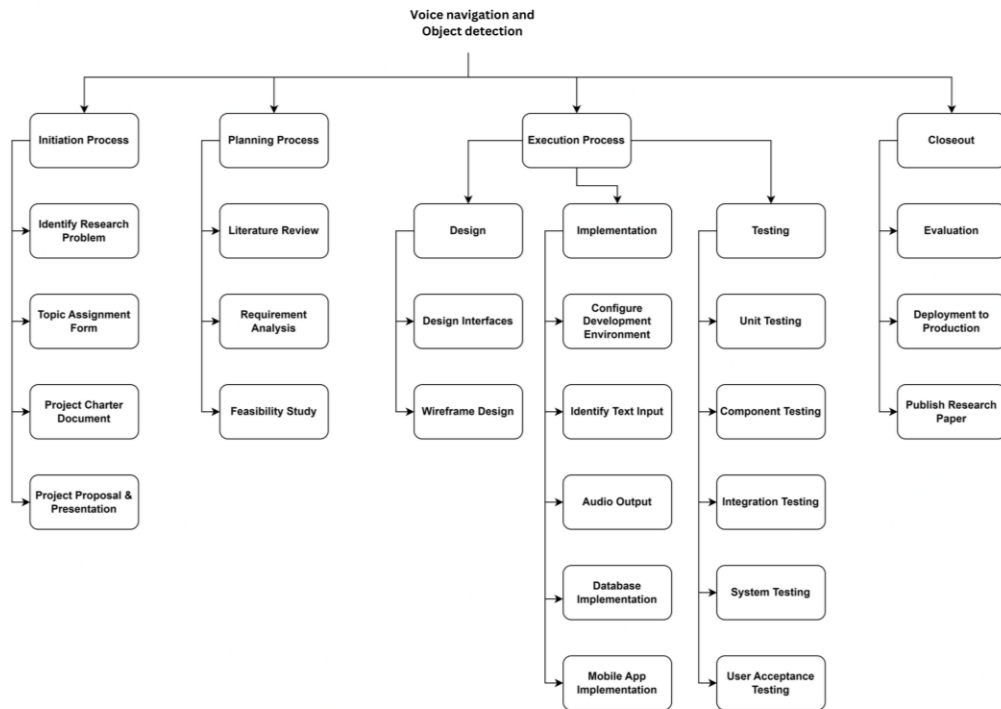|	NOV 23	DEC 23	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23	AUG 23	SEP 23	OCT 23

- BRAISTROMING SESSION
- IDENTIFIACTION OPPORTUNITY
- BACKGROUD RESERSECH
- TAF DOCUMENTAION
- PROJECT CHARTER
- PROJECT PROSAL REPORT
- PROJECT PROSAL PRESENTAION
- PROJECT STATUS DOCUMENT
- CREATE SRS DOCUMENT
- PROGRESS PRESENTAION 1 (50%)
- SUBMIT THE RESEARCH PAPER
- PROGRESS PRESENTAION 2 (90%)
- FINAL DOCUMENTATION
- FINAL PRESENTAION

Fig. 33. Gantt Chart