UNIFIED DLP SOLUTIONS FOR EMAIL SYSTEM

Project Id: TMP-2023-24-082

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B.Sc. (Hons) Degree in Information Technology

Specialization in Cyber Security

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Sri Lanka Institute of Information Technology

Sri Lanka

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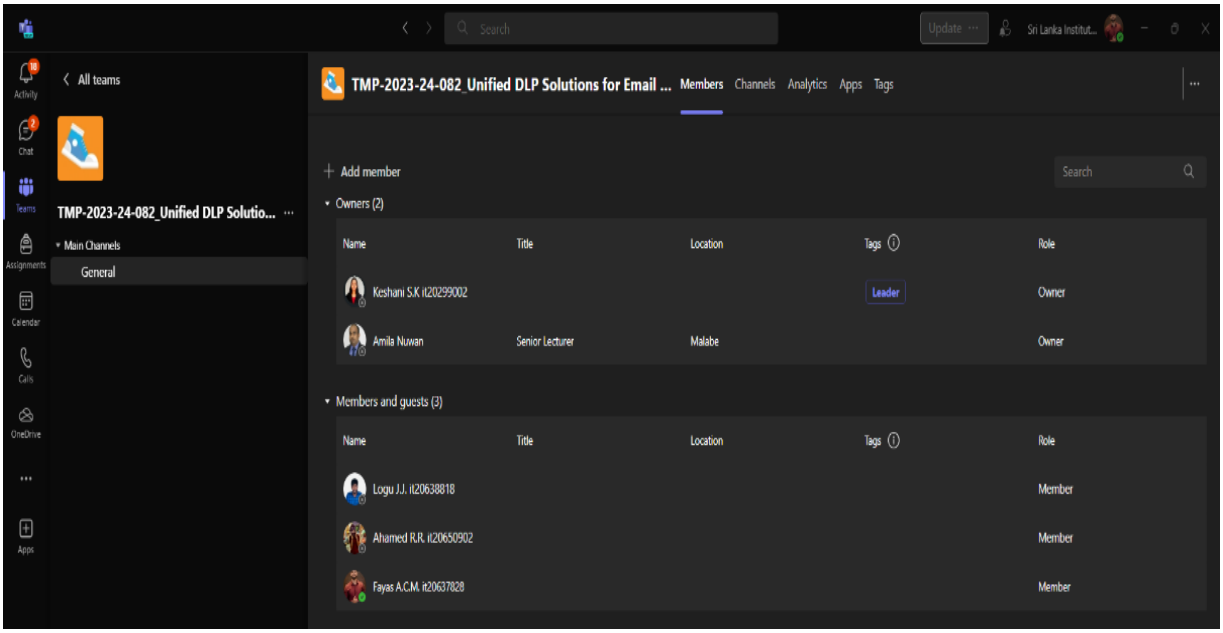
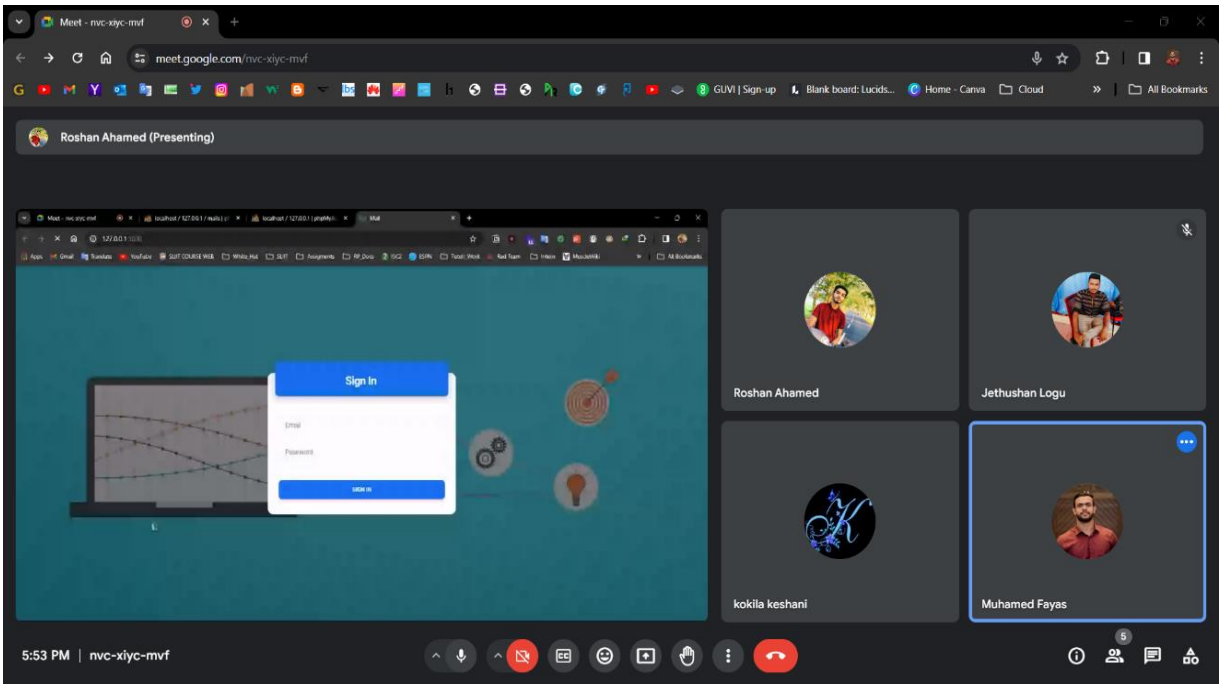
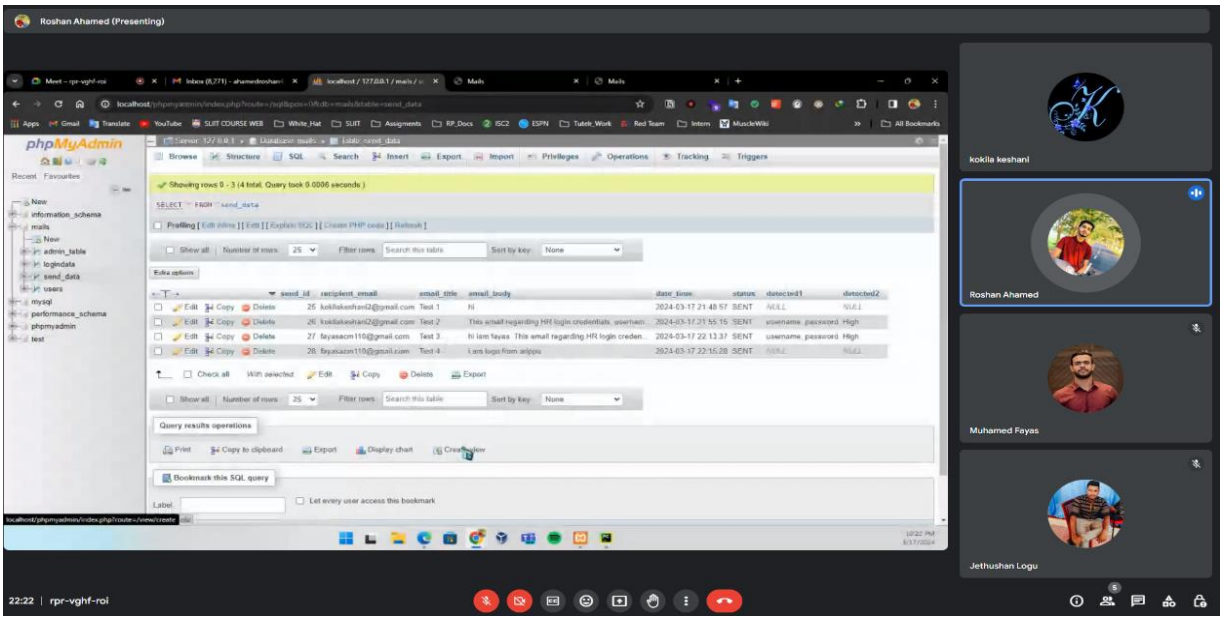
1. Microsoft Teams Details

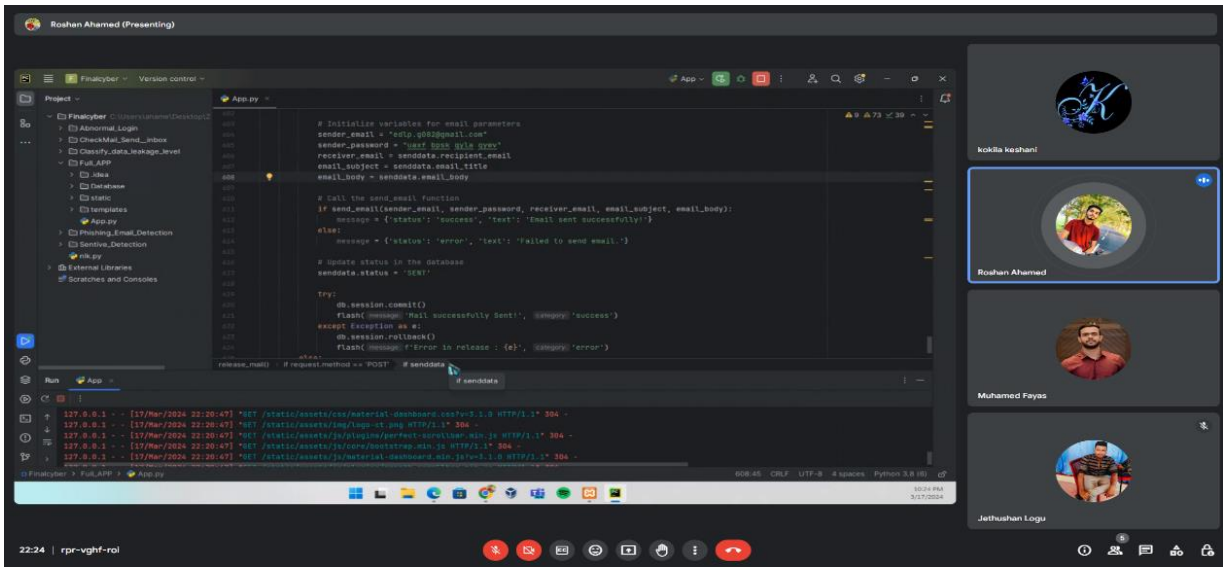
1.1 Team Members



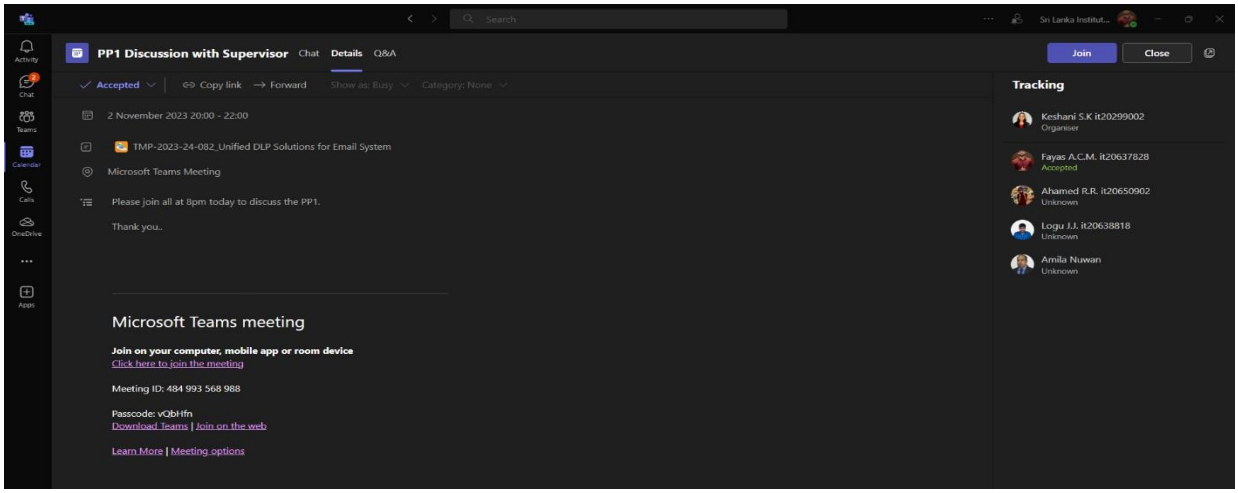
1.2 Team meeting with Group Members

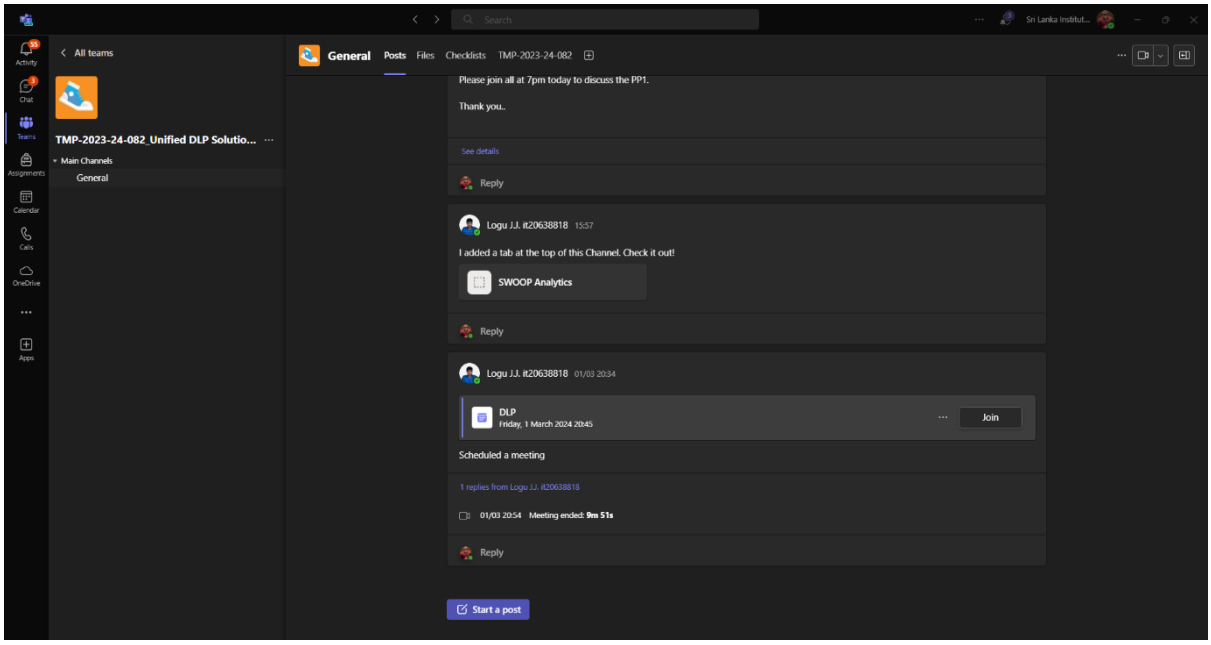




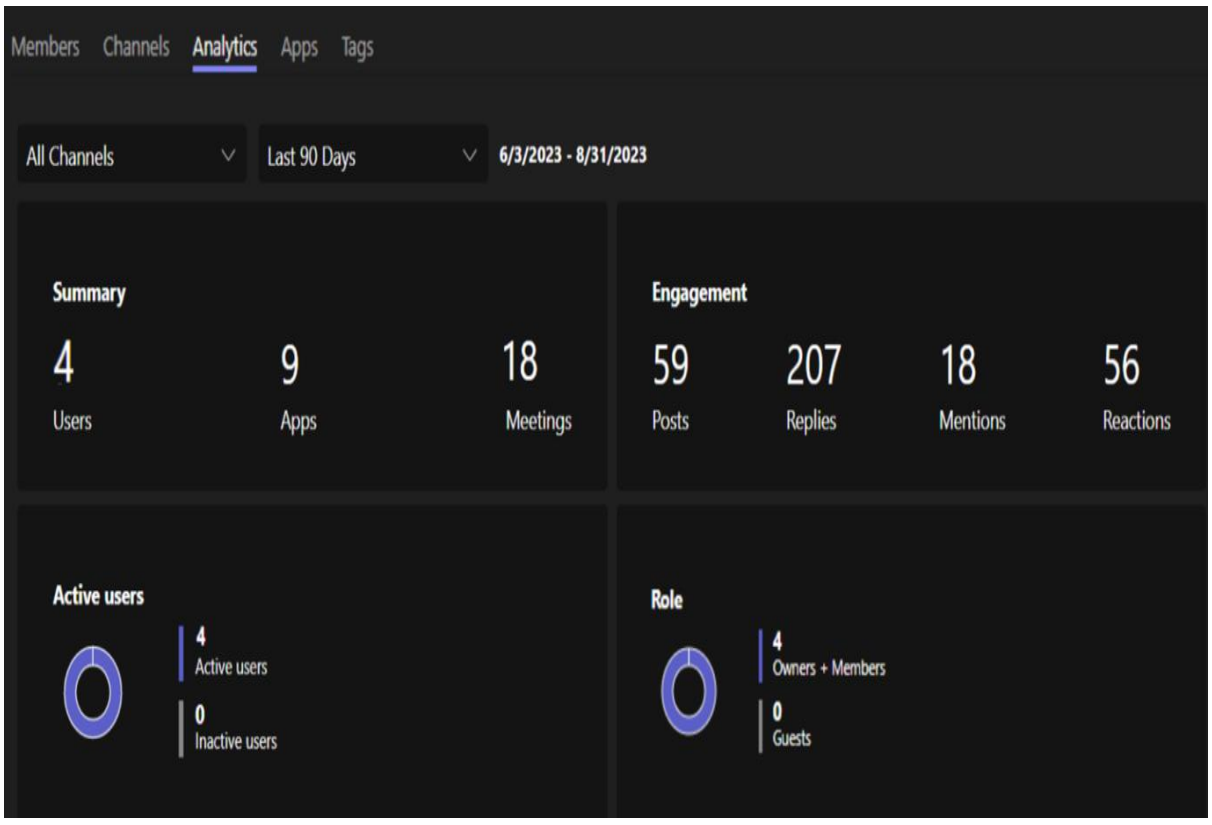


1.3 Team Meeting with Supervisor





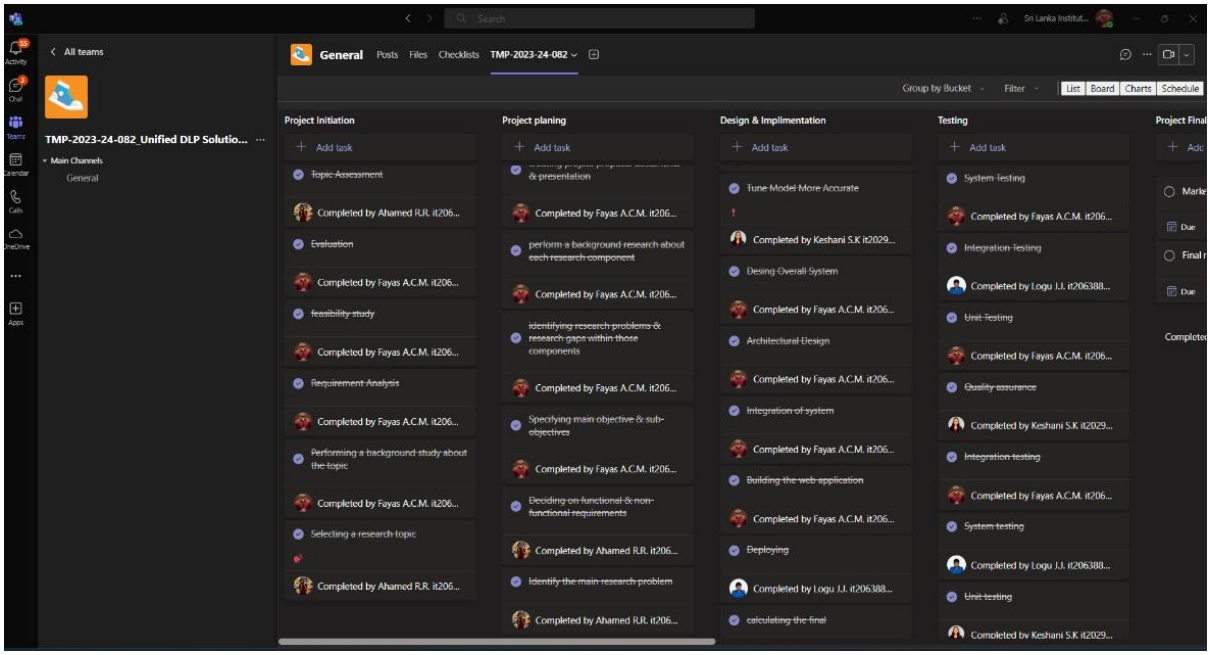
2. Microsoft team analytics

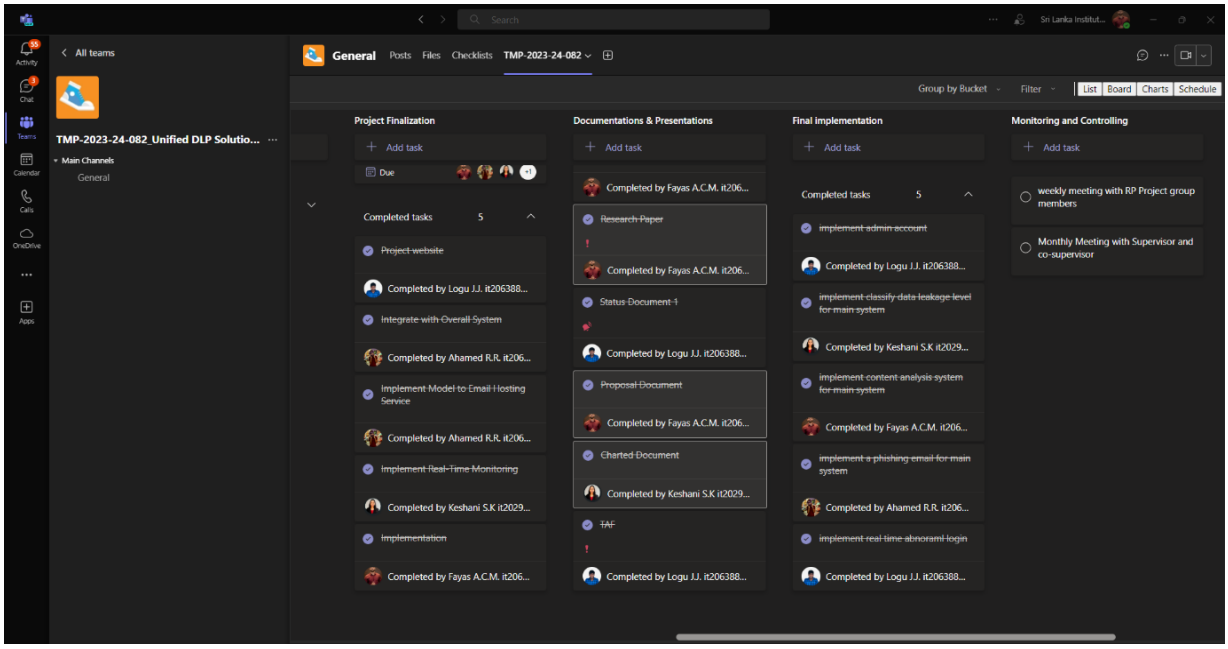


3. MS team's planner

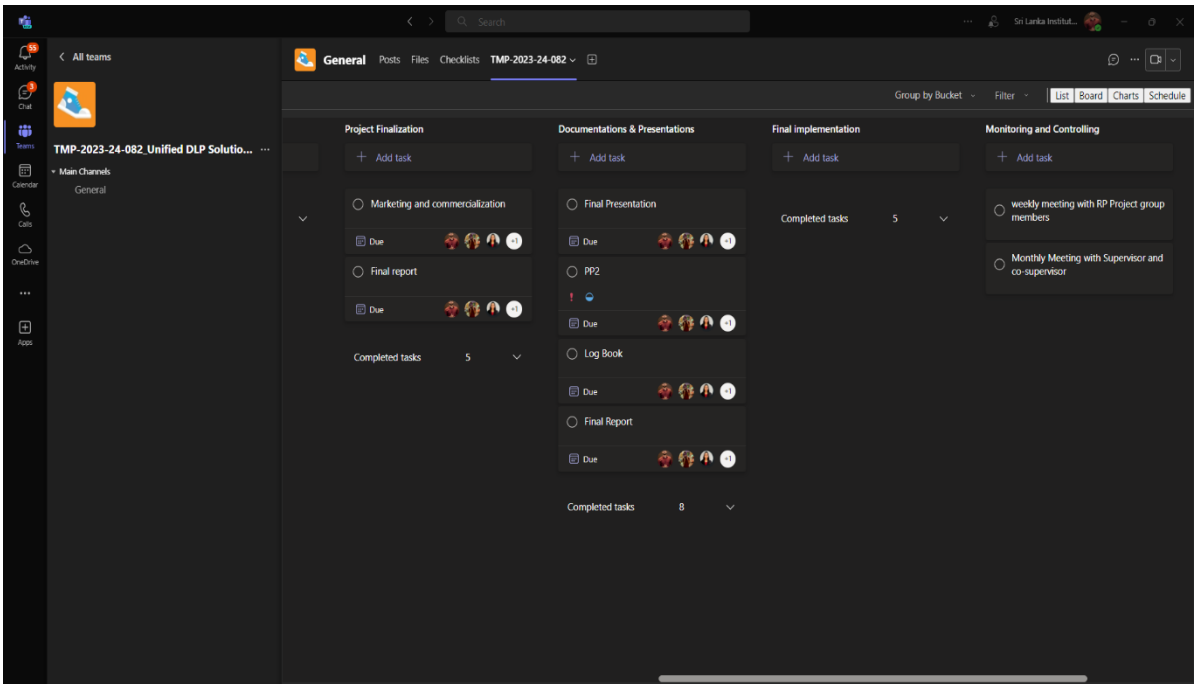
2.2 Planner Board

Completed Tasks

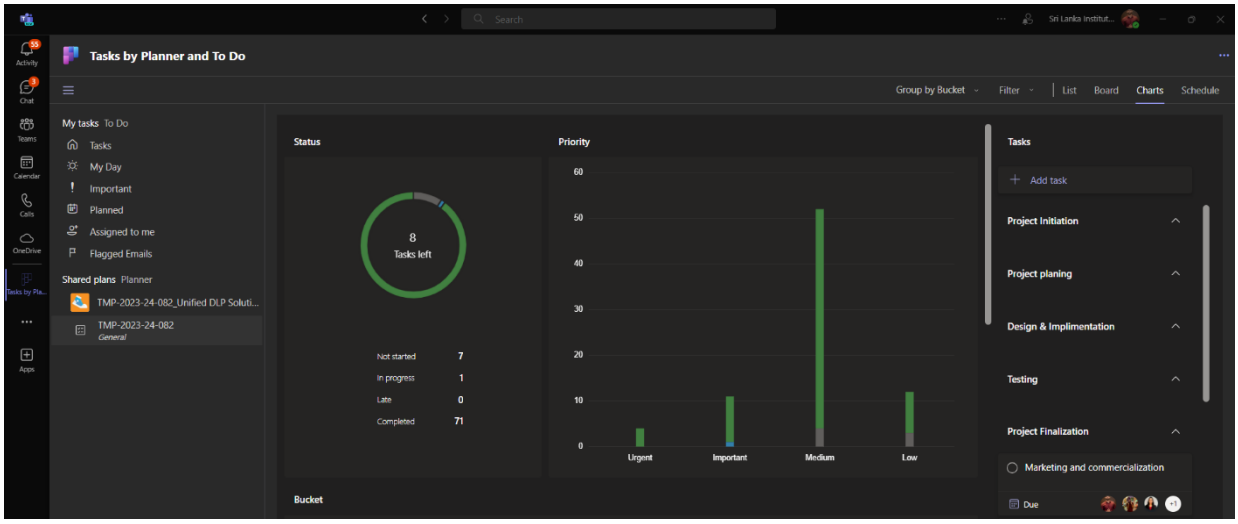




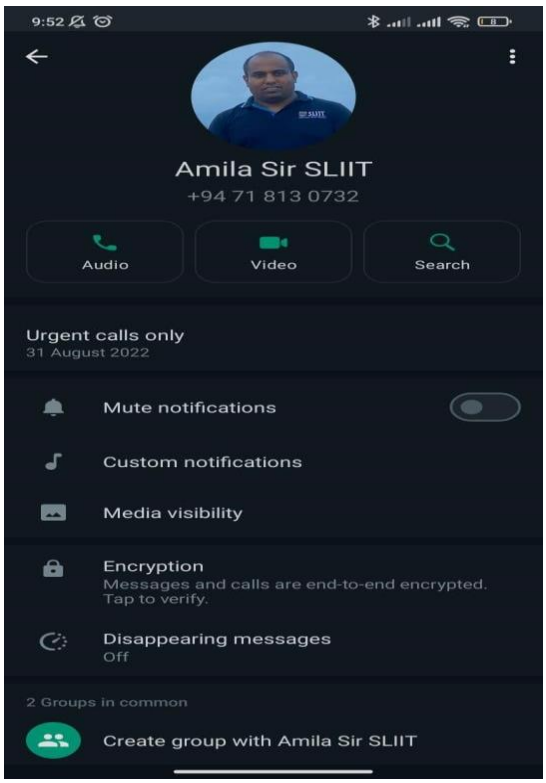
Pending Tasks

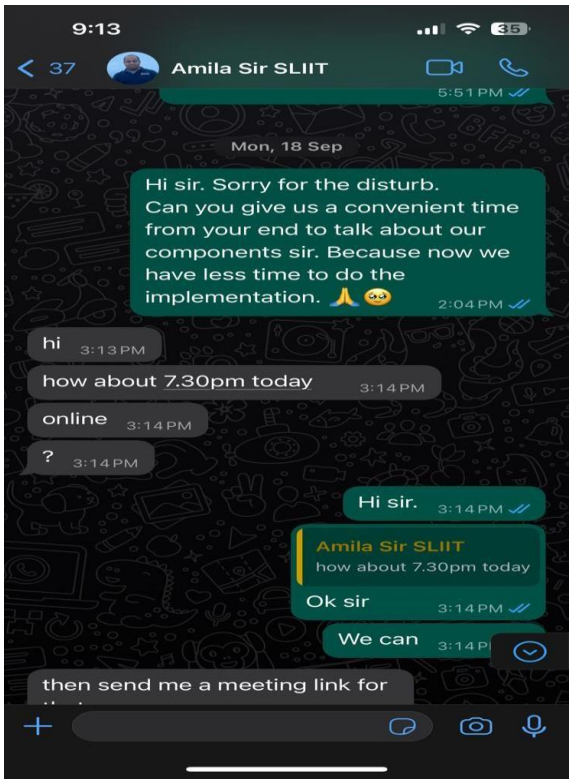


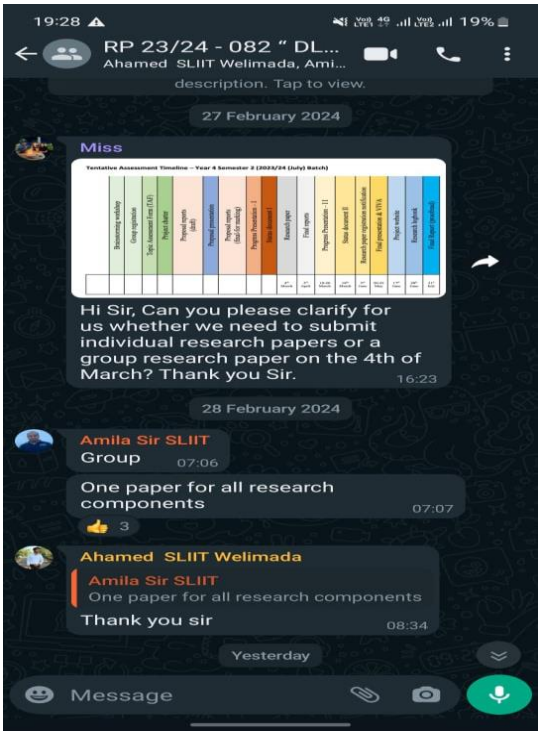
2.2 Team Planner Charts

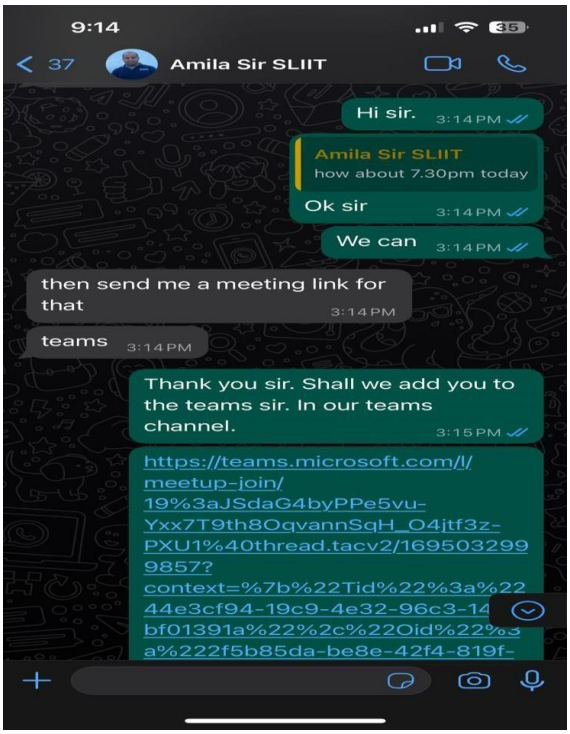


3. WhatsApp chat with Supervisor

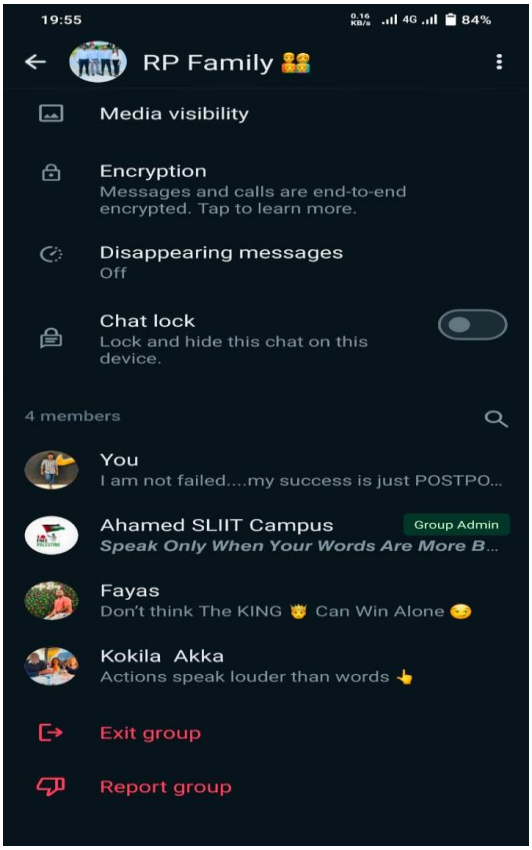


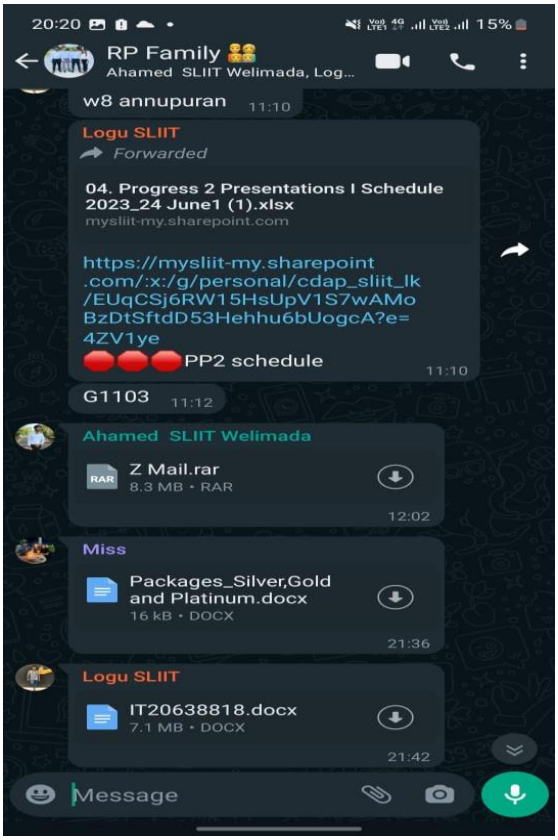


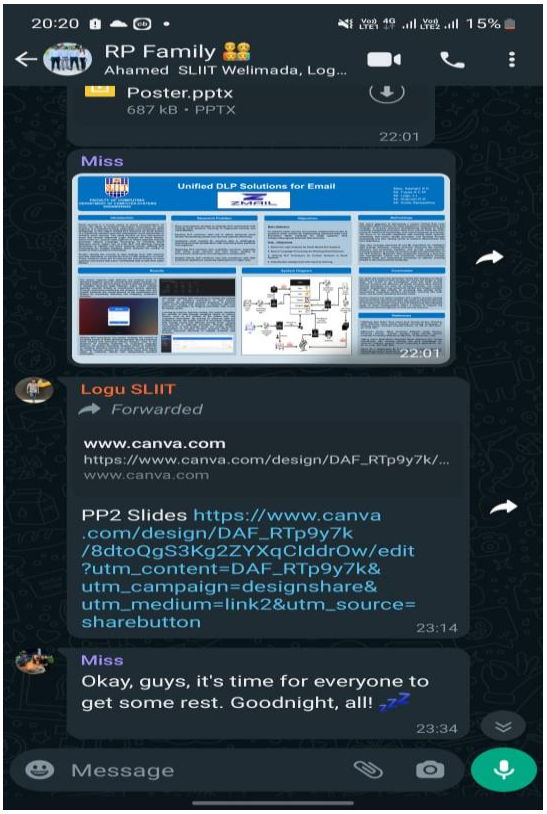




4. WhatsApp Call and Chat with Team







Recent Meeting with team members WhatsApp group call discussing about PP2 Update

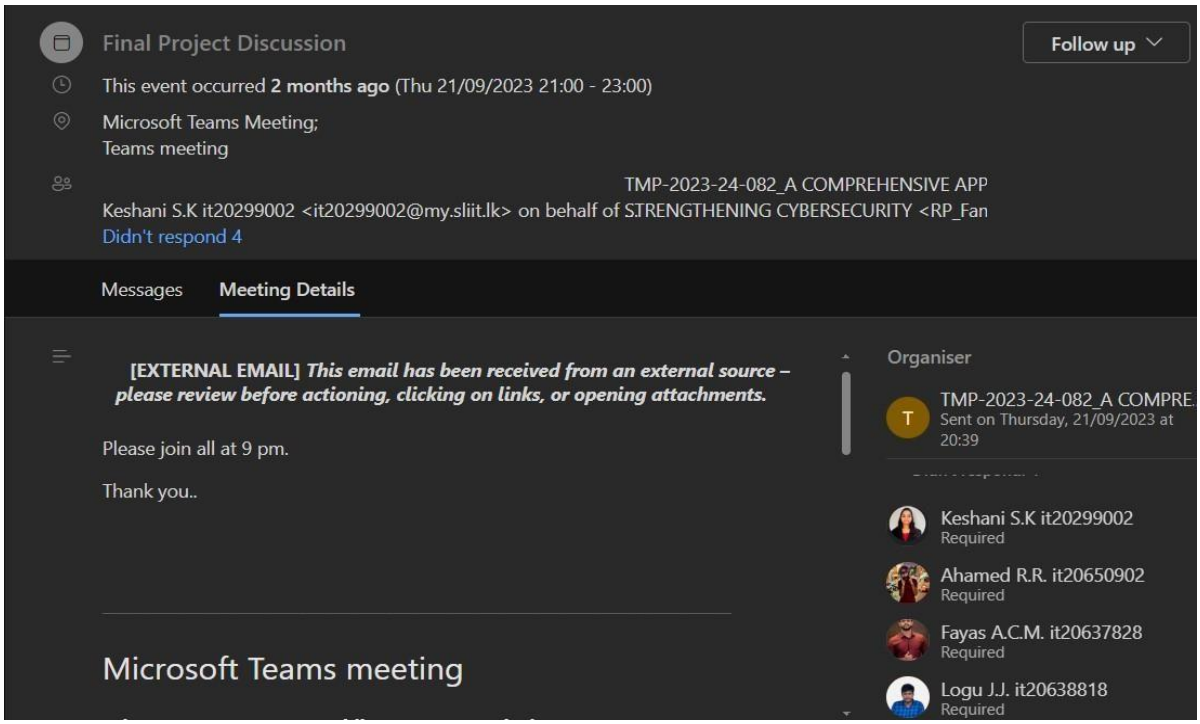


Fig: Planned MS Teams Meeting

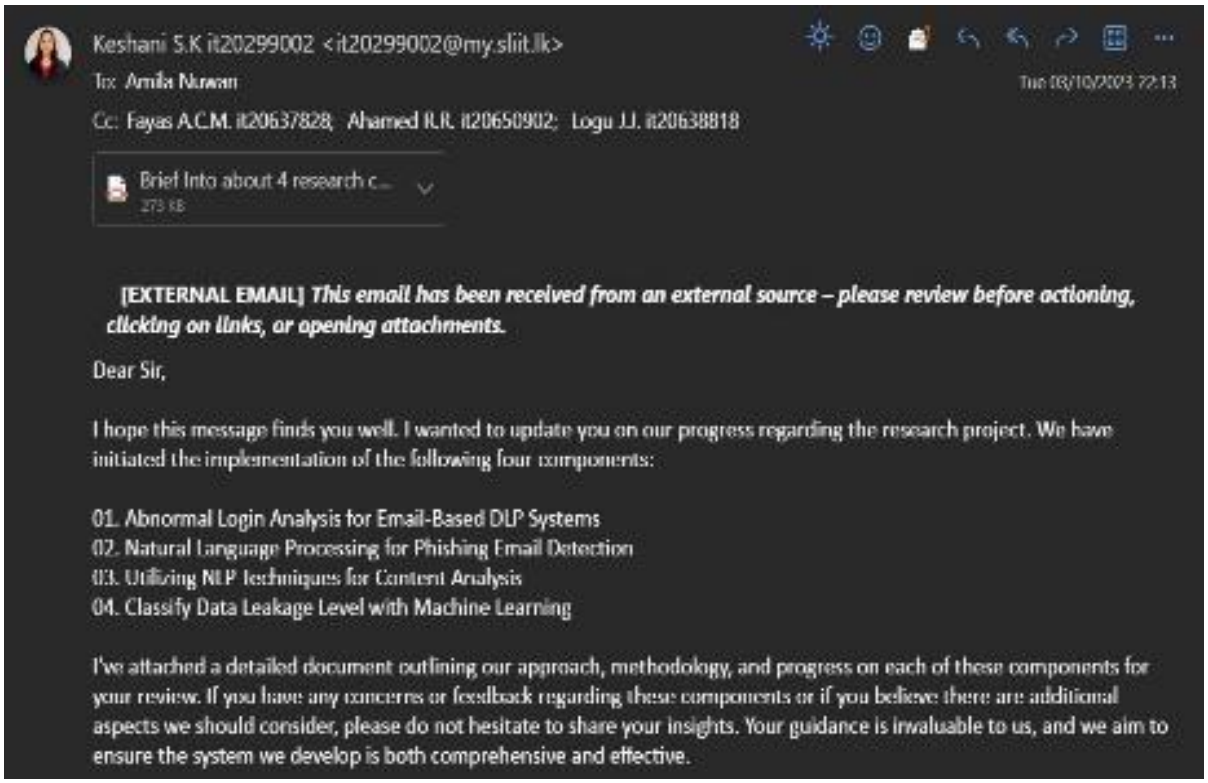
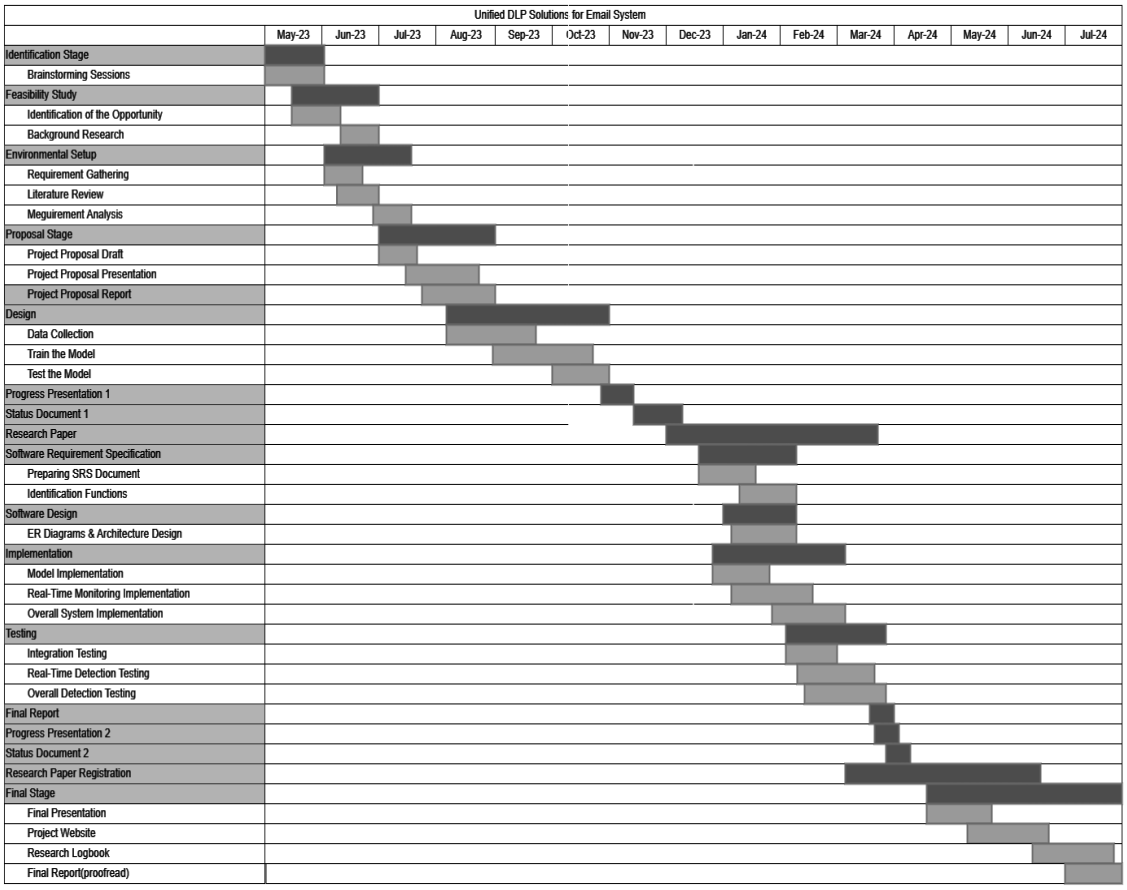
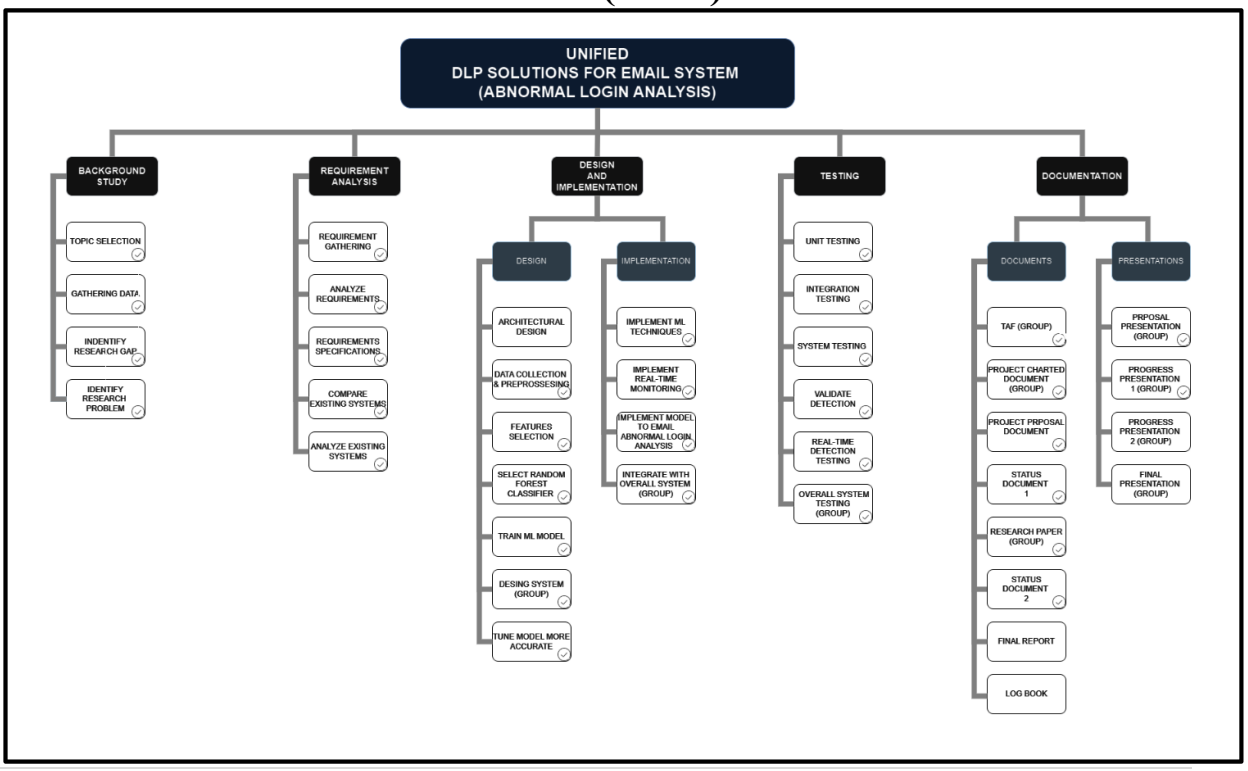


Fig: Email Communication with Supervisor

6. Gannt Chart



7. Work Breakdown Structure (WBS)



8. Gitlab Commits

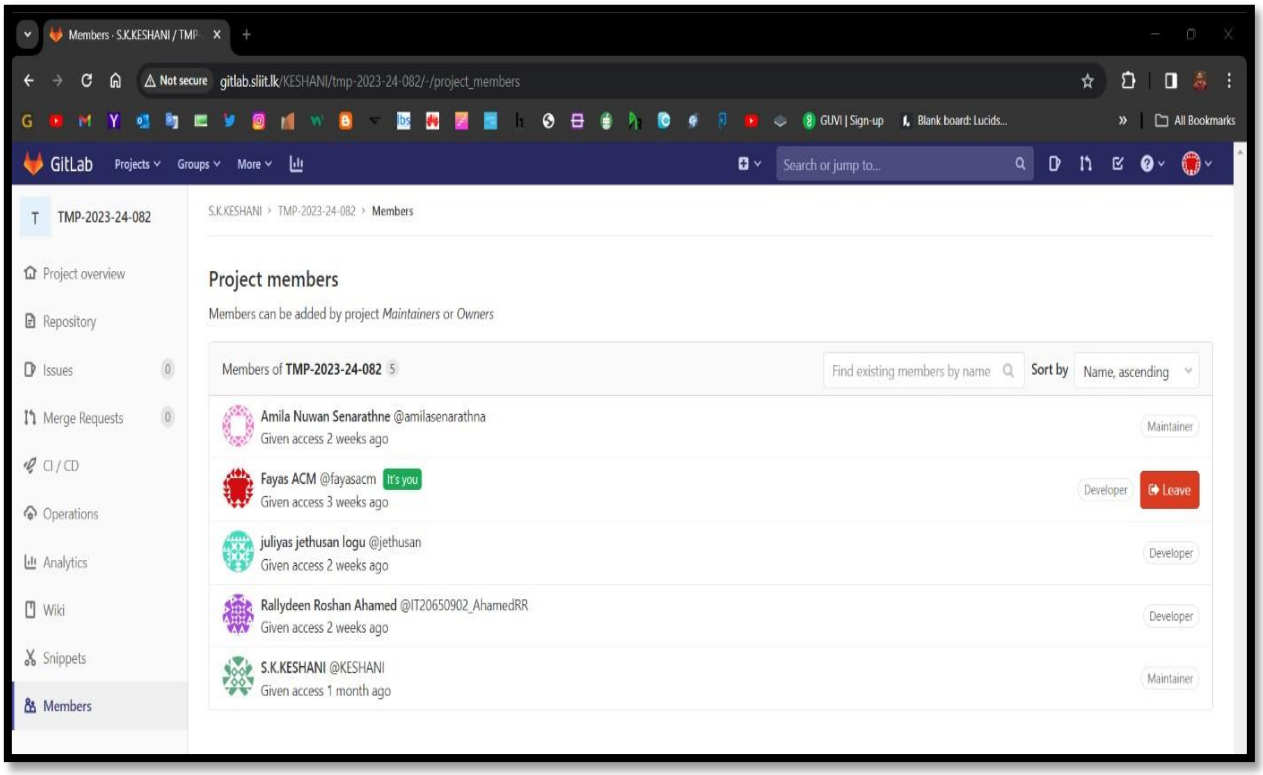


Fig: Team Members and Supervisor

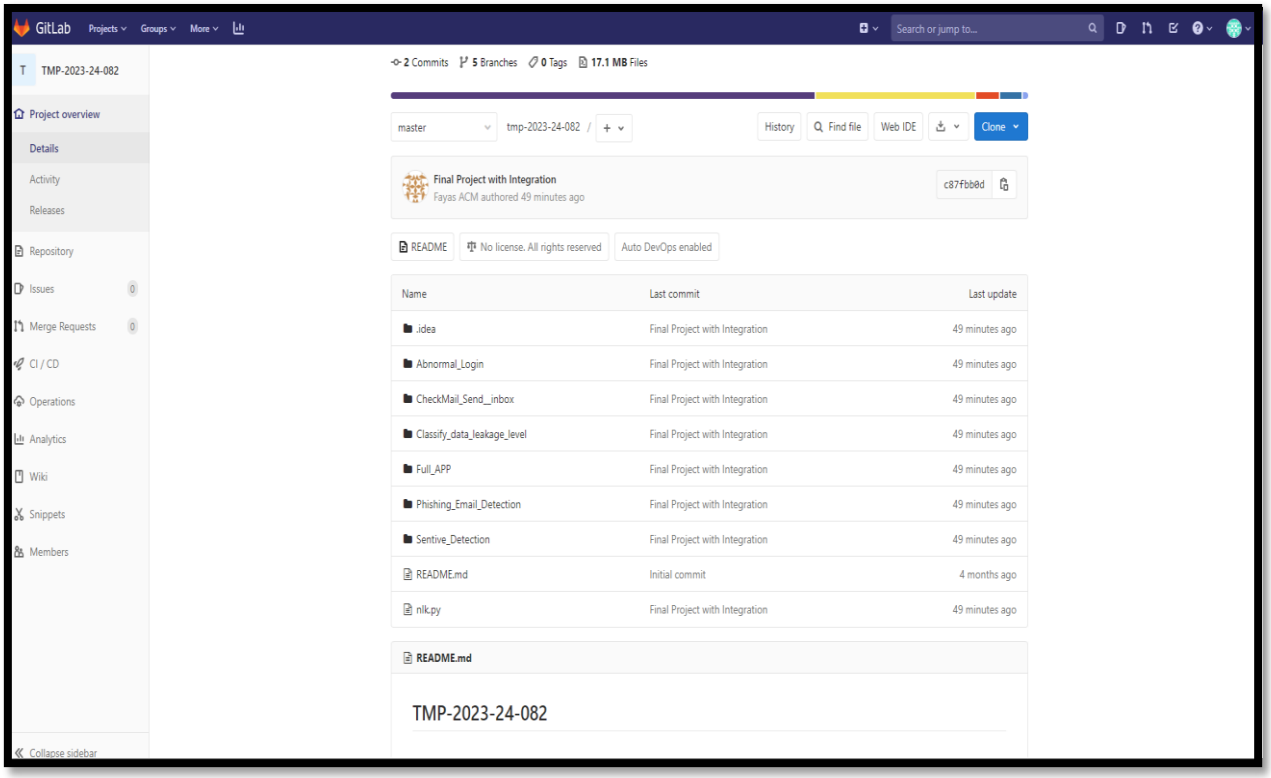


Fig: Code Repository group

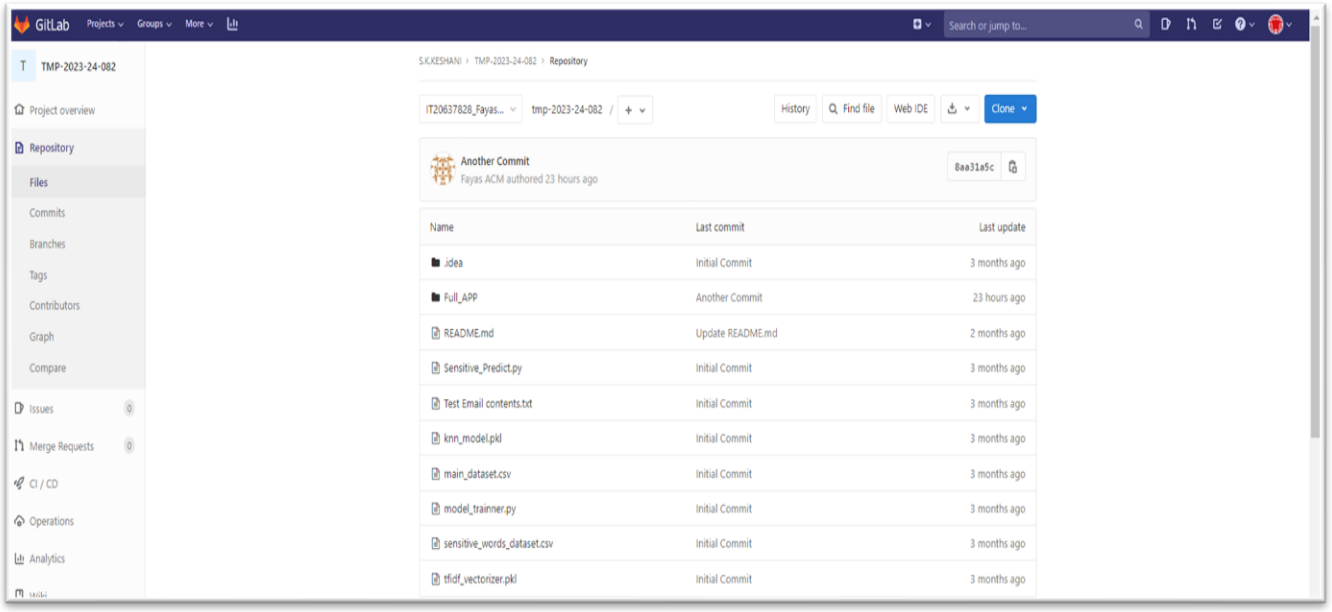
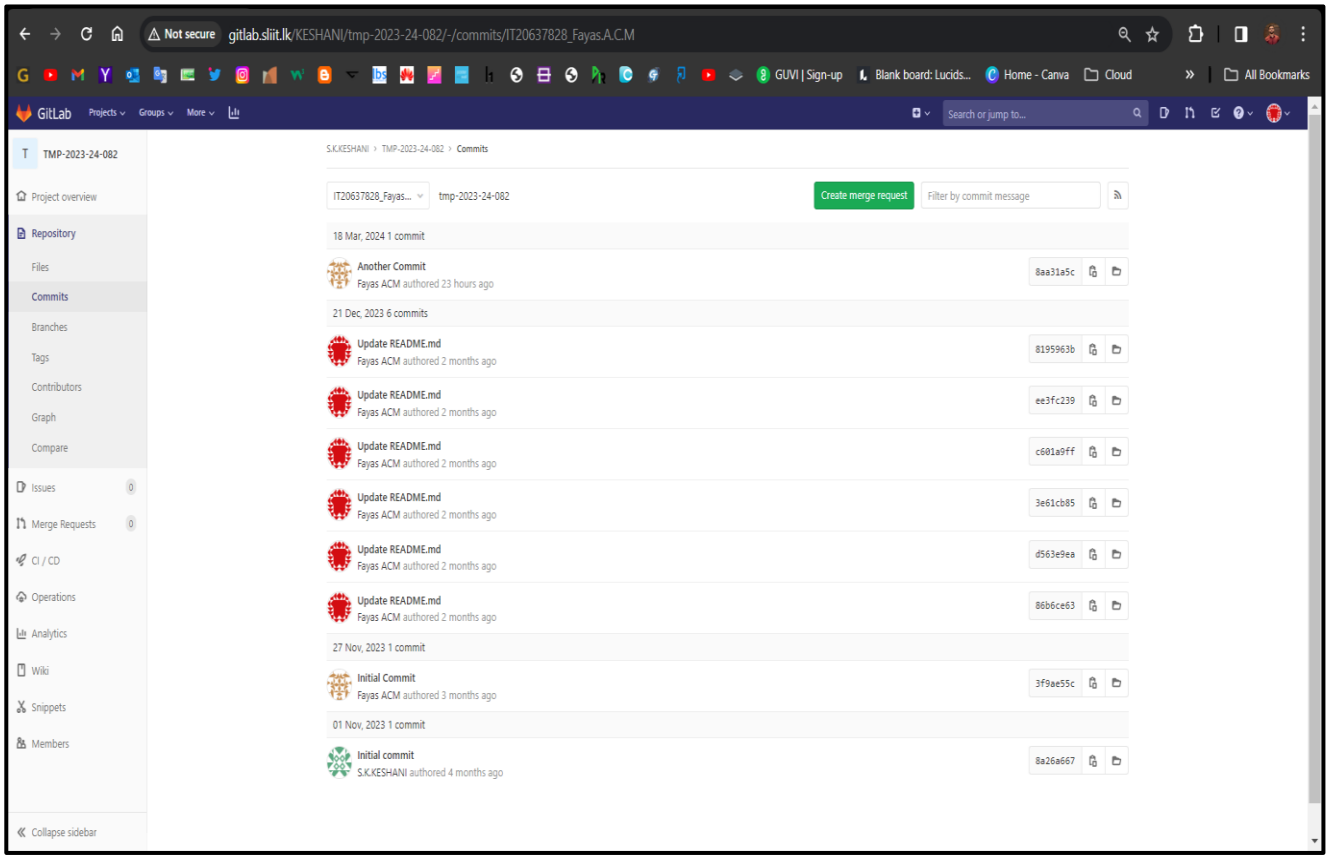
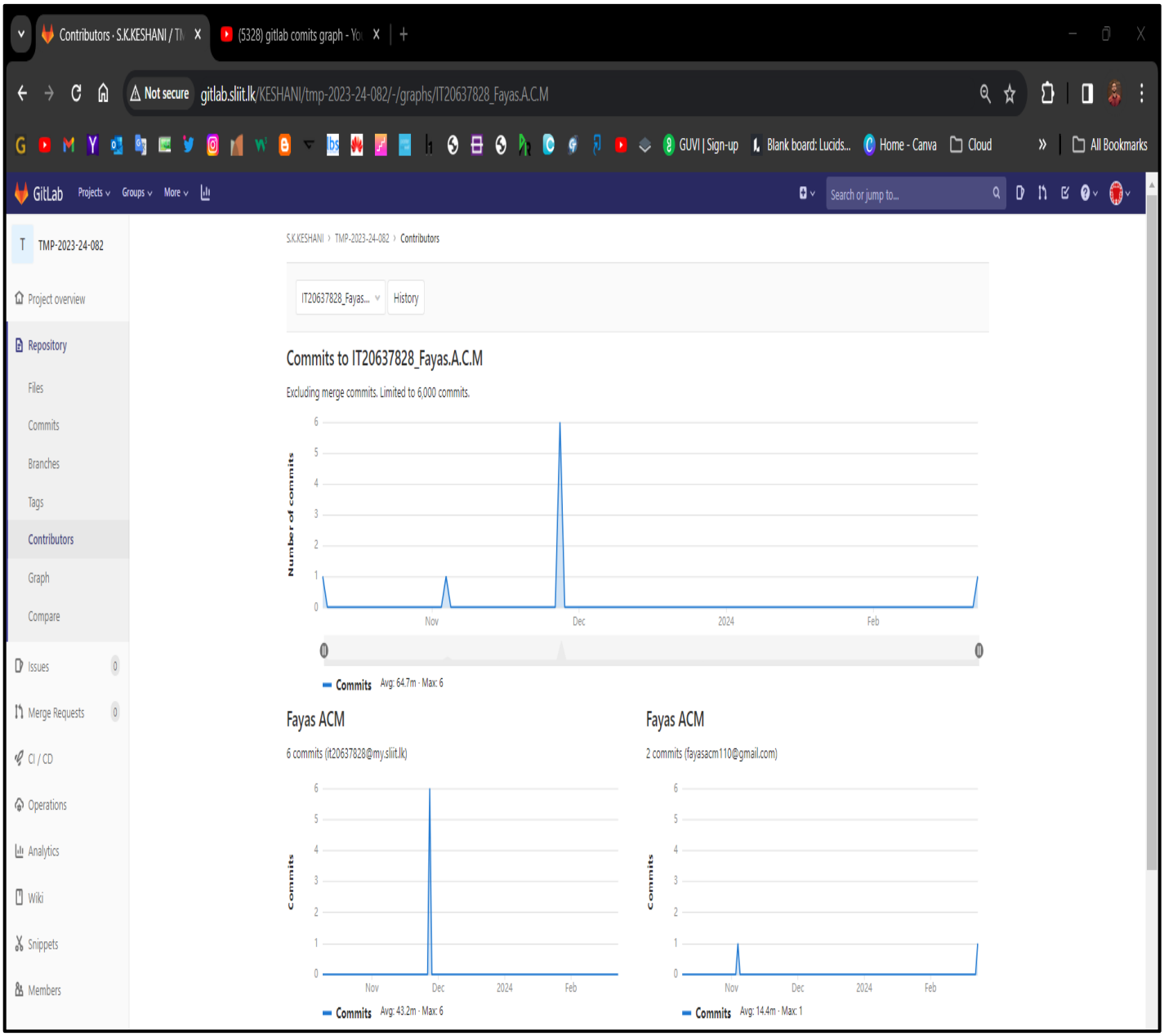


Fig: Code Repository Individual



Commit History



Commit Graph

README.md

TMP-2023-24-082

Main Research Topic : Unified DLP Solution for Email System

Sub Reserch Component : Utilizing NLP Techniques for Content Analysis in Email Systems

Induction and Background :-

1. Analysis and Identifying sensitive information in Email contents.
2. Importance of Protecting Data from Unauthorized Access.
3. NLP techniques offer a powerful way to extract sensitive information from Email contents.

Research Problem :-

1. Difficulty in identifying sensitive information from the Email contents.
2. Improved accuracy and efficiency in sensitive information analysis.
3. Provide an awareness message or alert to admin notifying them about sensitive information.

Main Objective - To develop an intelligent system that raises user awareness about sensitive information in Email contents and alerts them appropriately.

Sub-Objectives :-

1. Implementing Natural Language Processing (NLP) techniques to analyze documents.
2. Ensuring the system's accuracy in identifying and flagging sensitive information.
3. Providing user-friendly interfaces for efficient interaction and understanding of alerts.

Fig: ReadMe File