

Sri Lanka Institute of Information Technology



R24-002

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IT21034954

Information System Engineering

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Project Component and Current Status

Component: Risk Management And Mitigation

Progress

The system mainly focuses on generating predicted risk level based on the risk factors according to their Team, Scope, Deadline.

1. Project Details Can Be Added.
2. Identify Risk Level.
3. Identify Risk Factors For The Risk Level.
4. The added Factors can be displayed all at once or can be viewed according to risk factors.

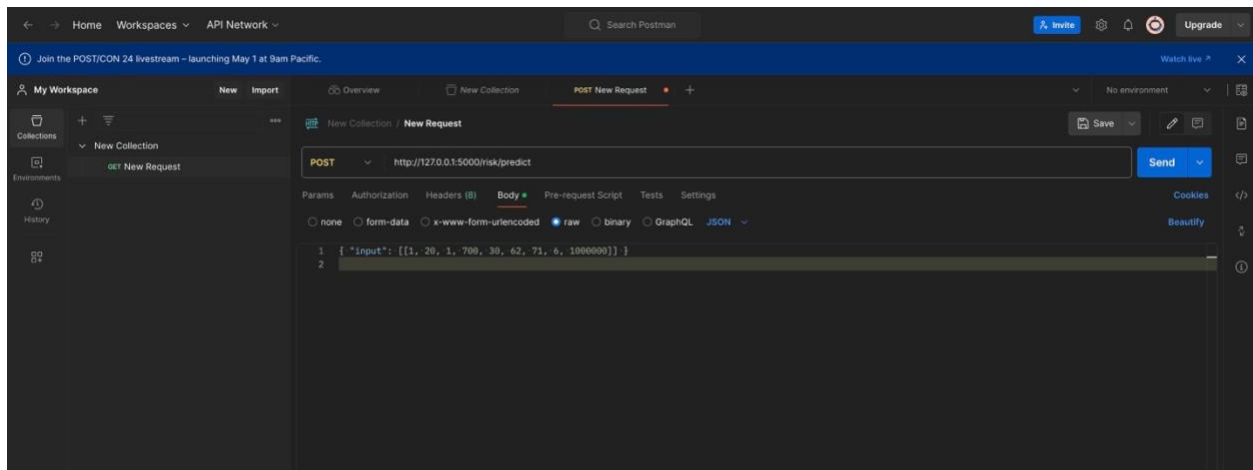


Figure 1 – Input Project Details

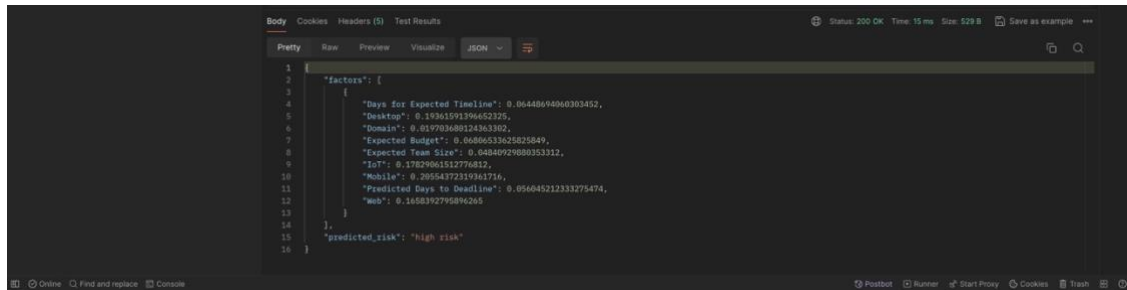


Figure 2 – Generate Predicted Risk Level

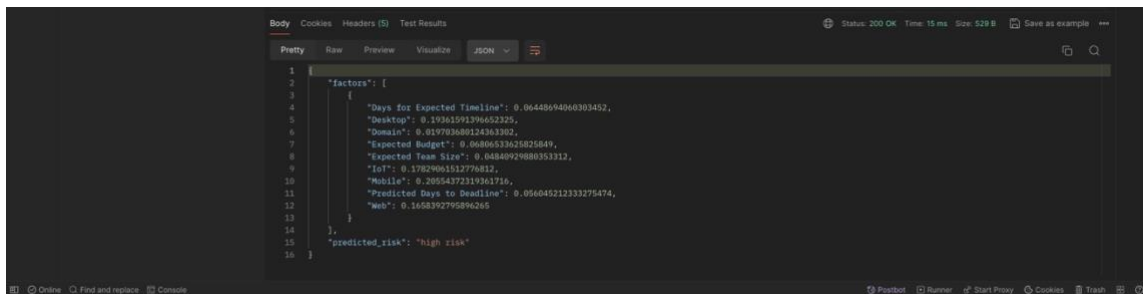


Figure 3 – Generate Risk Factors

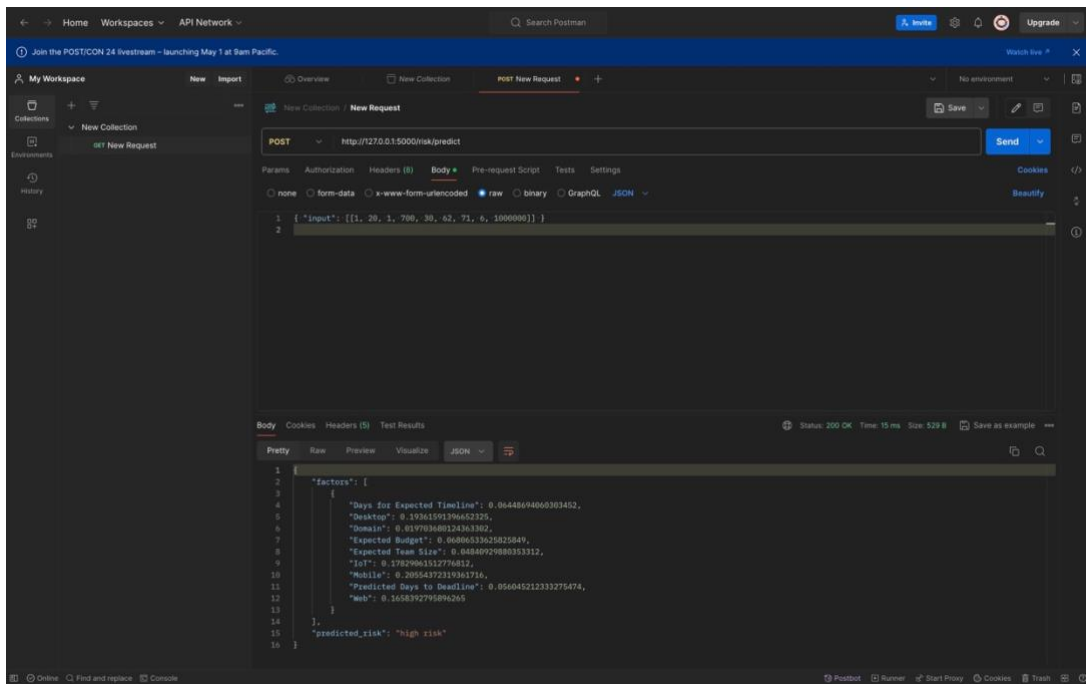


Figure 4

Team Communication

The team chose Microsoft Teams as their primary communication channel, forming a dedicated Team with all four group members. We also used Zoom to communicate with supervisors, provide updates, and receive comments on the project's progress. Regular team conversations were arranged to discuss, share knowledge, and plan.

The crew also used WhatsApp as an additional tool to stay in constant communication with their supervisors. This enabled timely updates and cooperation between the supervisor and co-supervisor, ensuring that everyone was informed and on the same page throughout the project.

Teams Channel

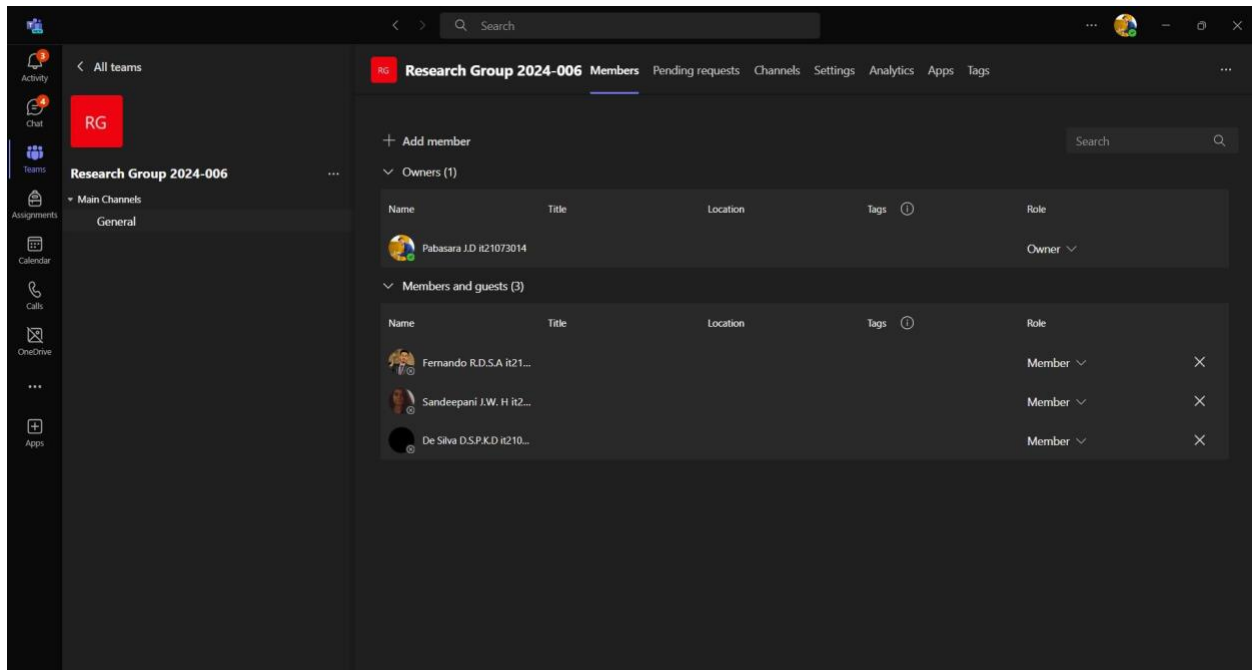


Figure 5 - Teams Channel Creation

Teams Calls with the Research Team

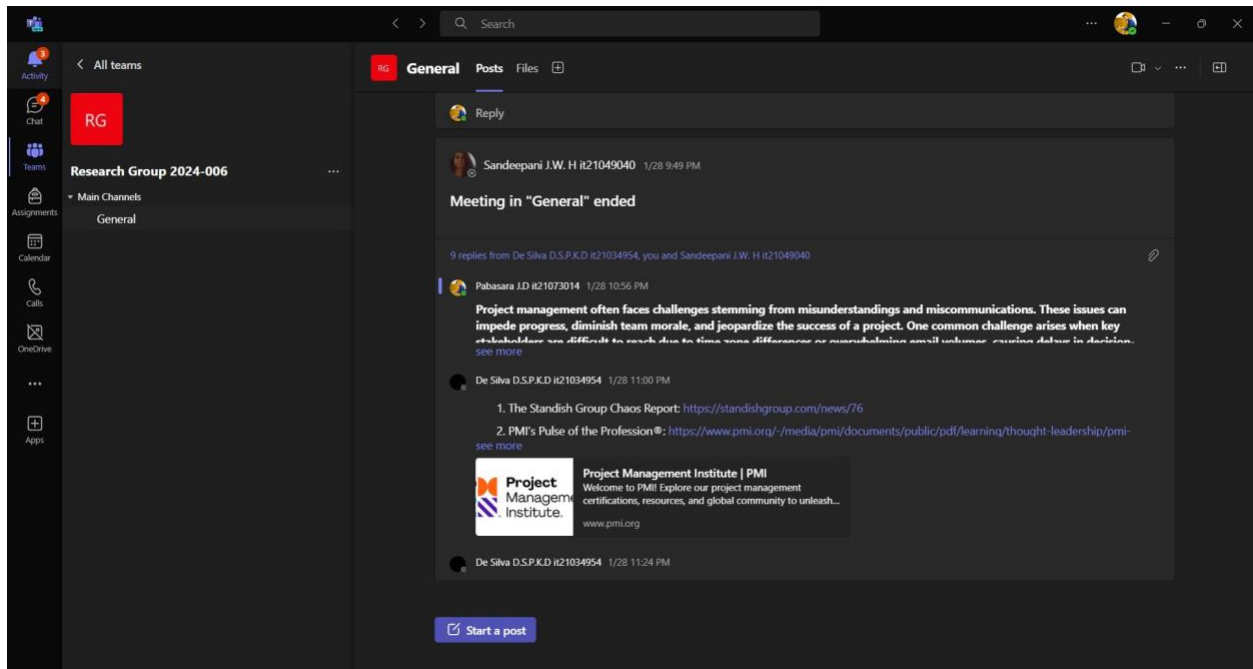


Figure 6 - Overview of Team Calls and Communication

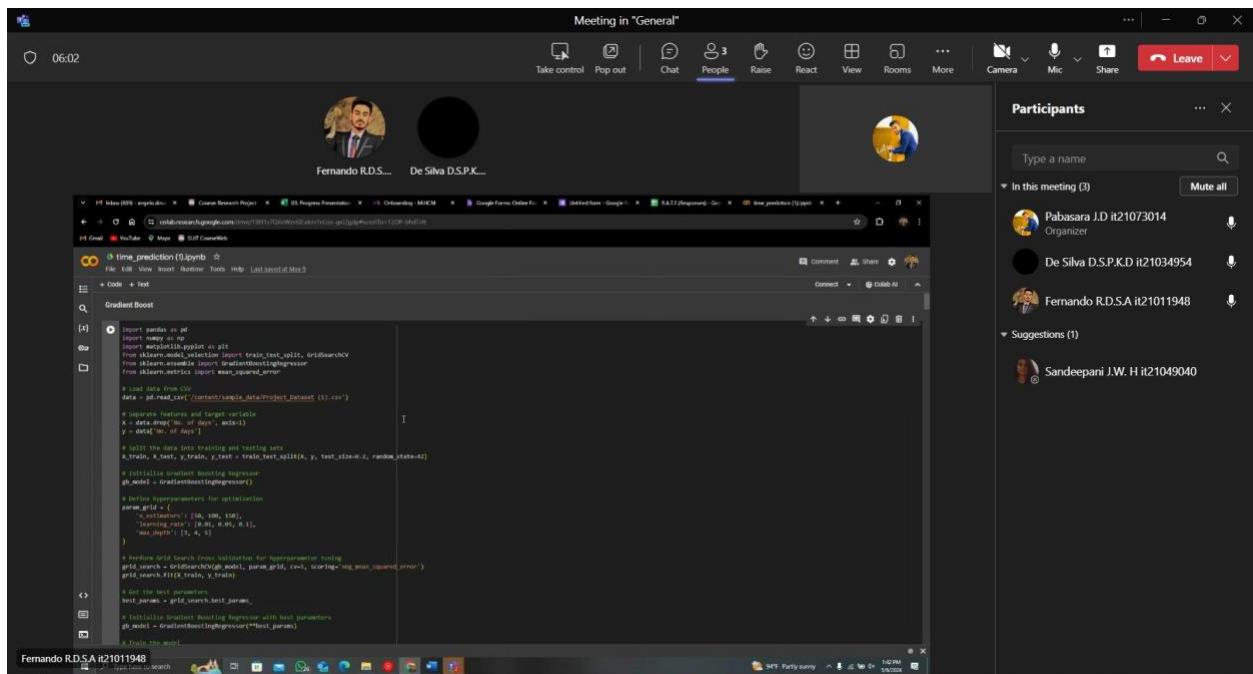


Figure 7 - Team Member Teams Calls (Example 01)

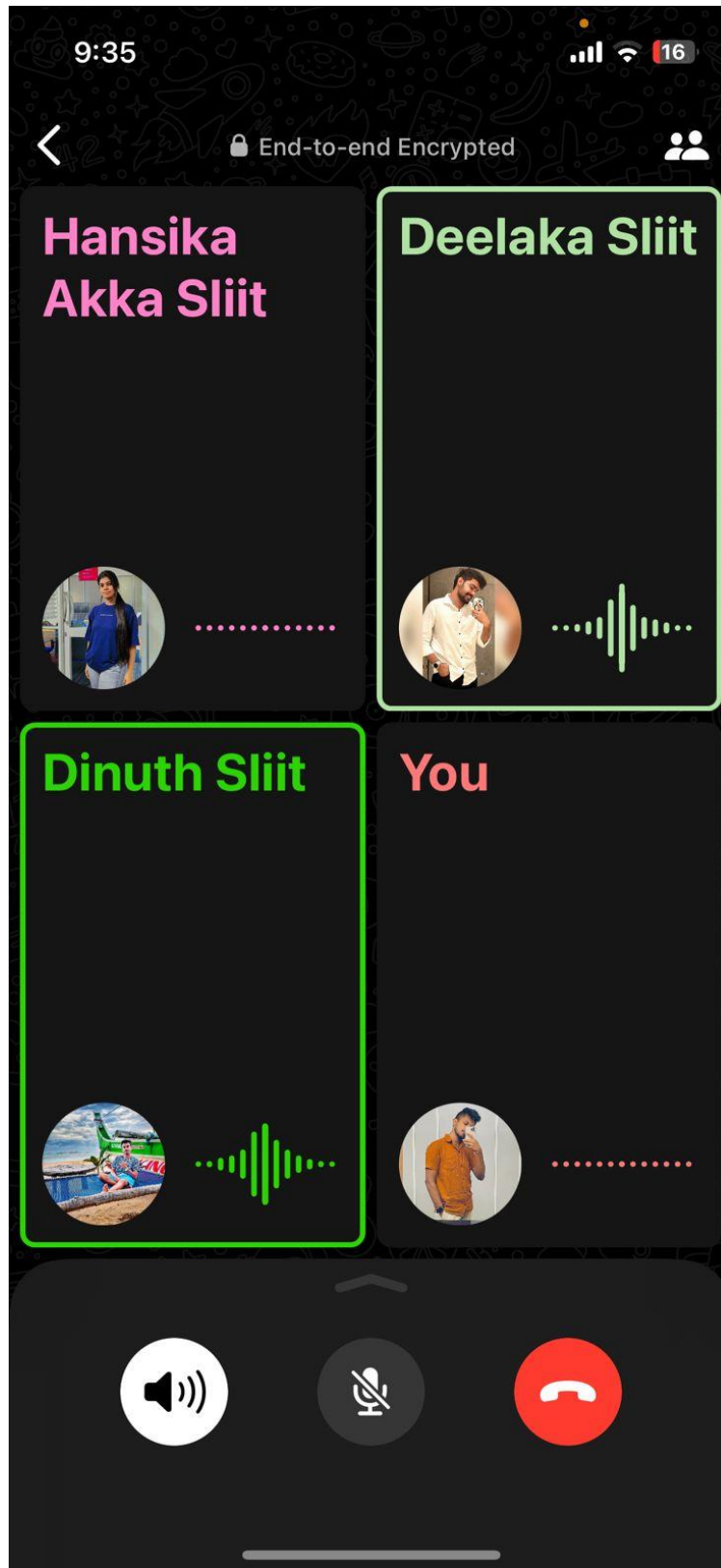


Figure 8 - Team Member WhatsApp Calls (Example 02)

Online Calls with Supervisors

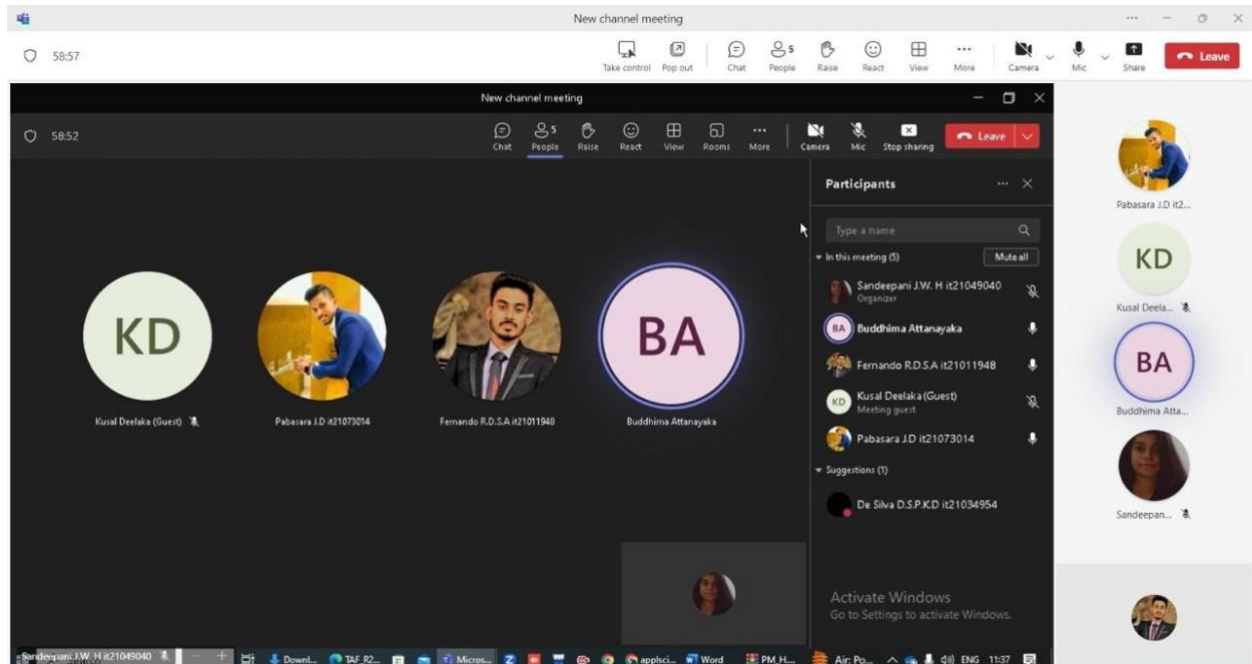


Figure 9 - Teams Meeting with the Co-Supervisor (Example 01)

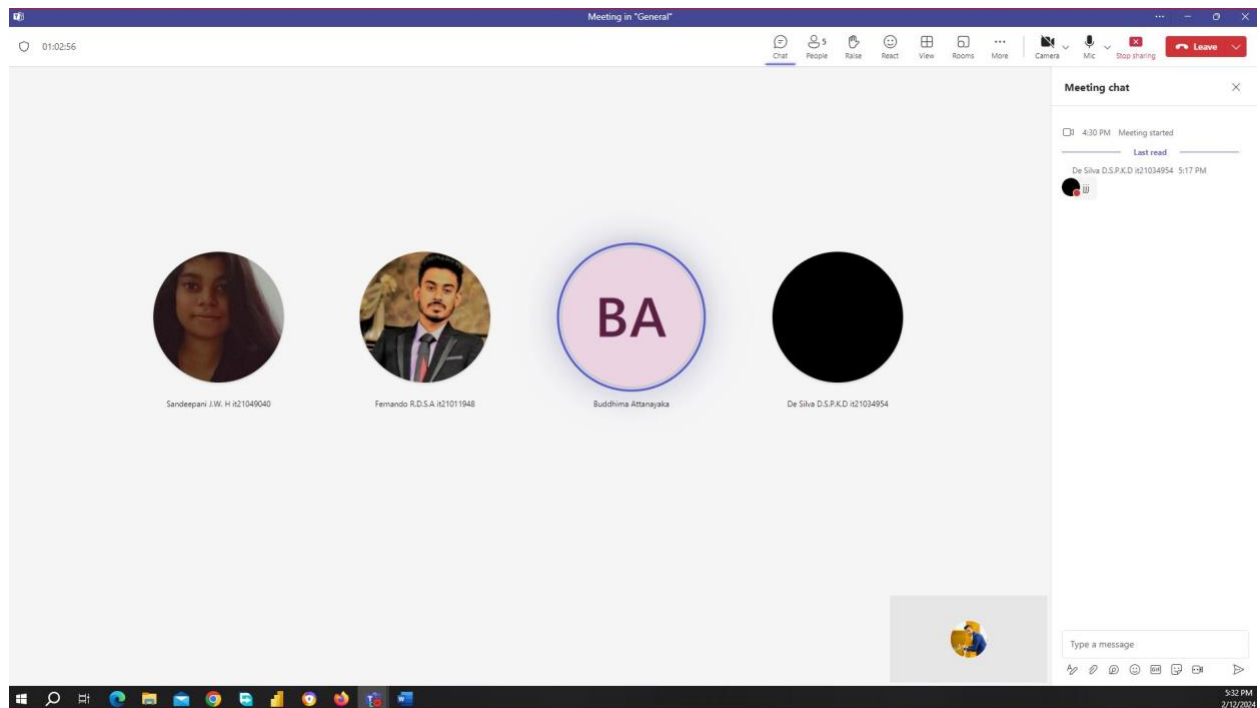


Figure 10 - Teams Meeting with the Co-supervisor (Example 02)

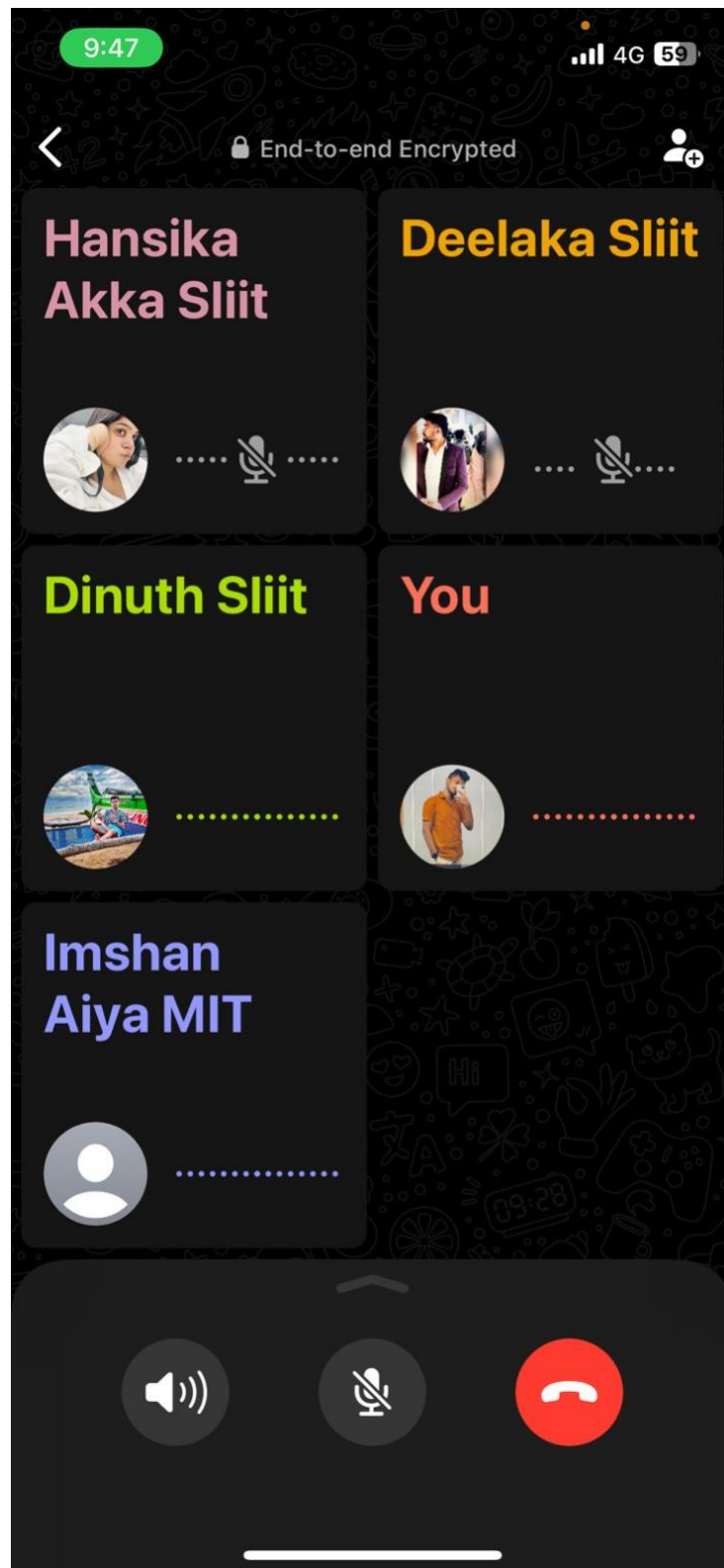


Figure 11 - WhatsApp Call with External Supervisor (LSEG)

Physical Meetings with Group Members



Figure 12 - Physical Meetings with team members.

WhatsApp Group Creation

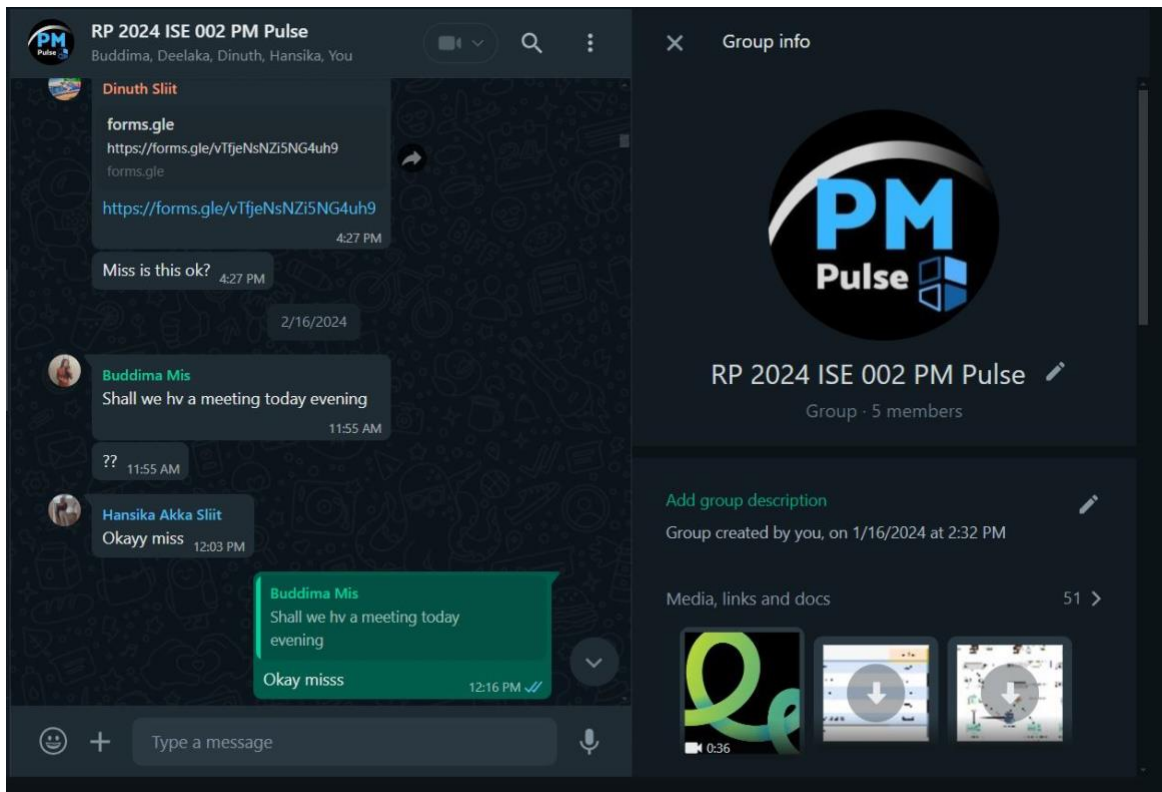
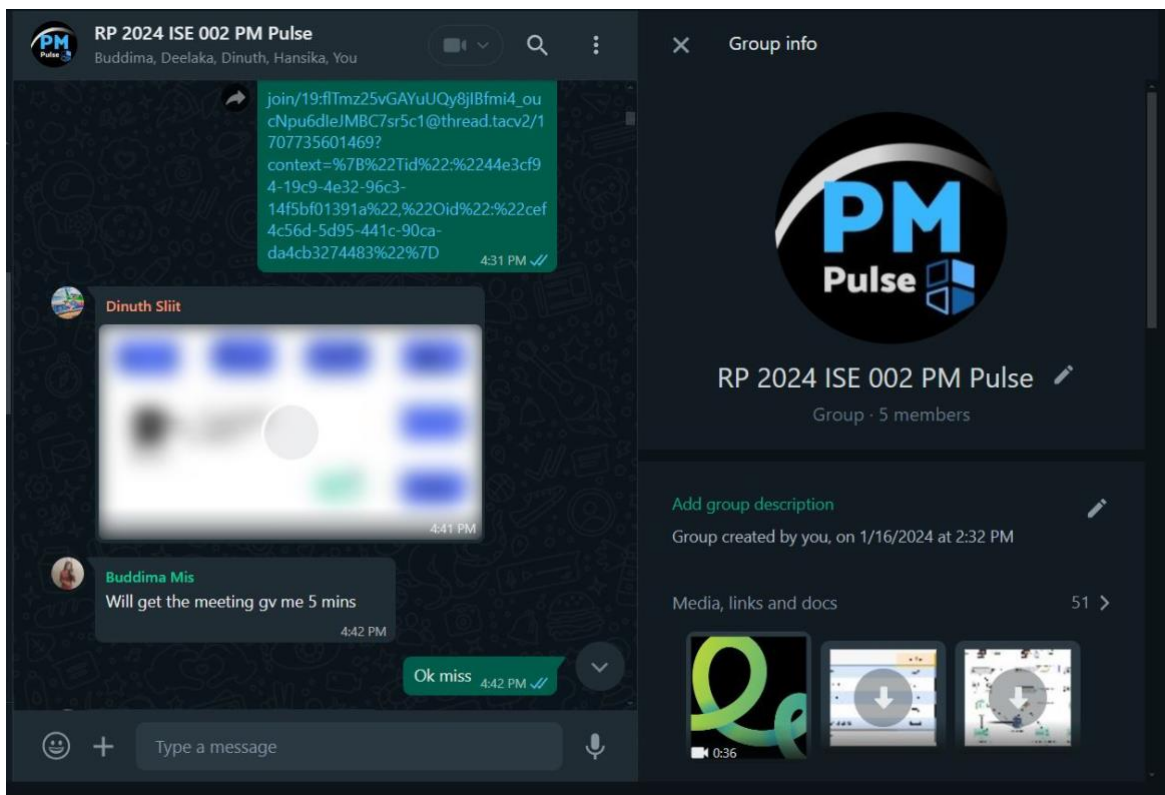


Figure 13 - WhatsApp Group Creation with Co-Supervisor



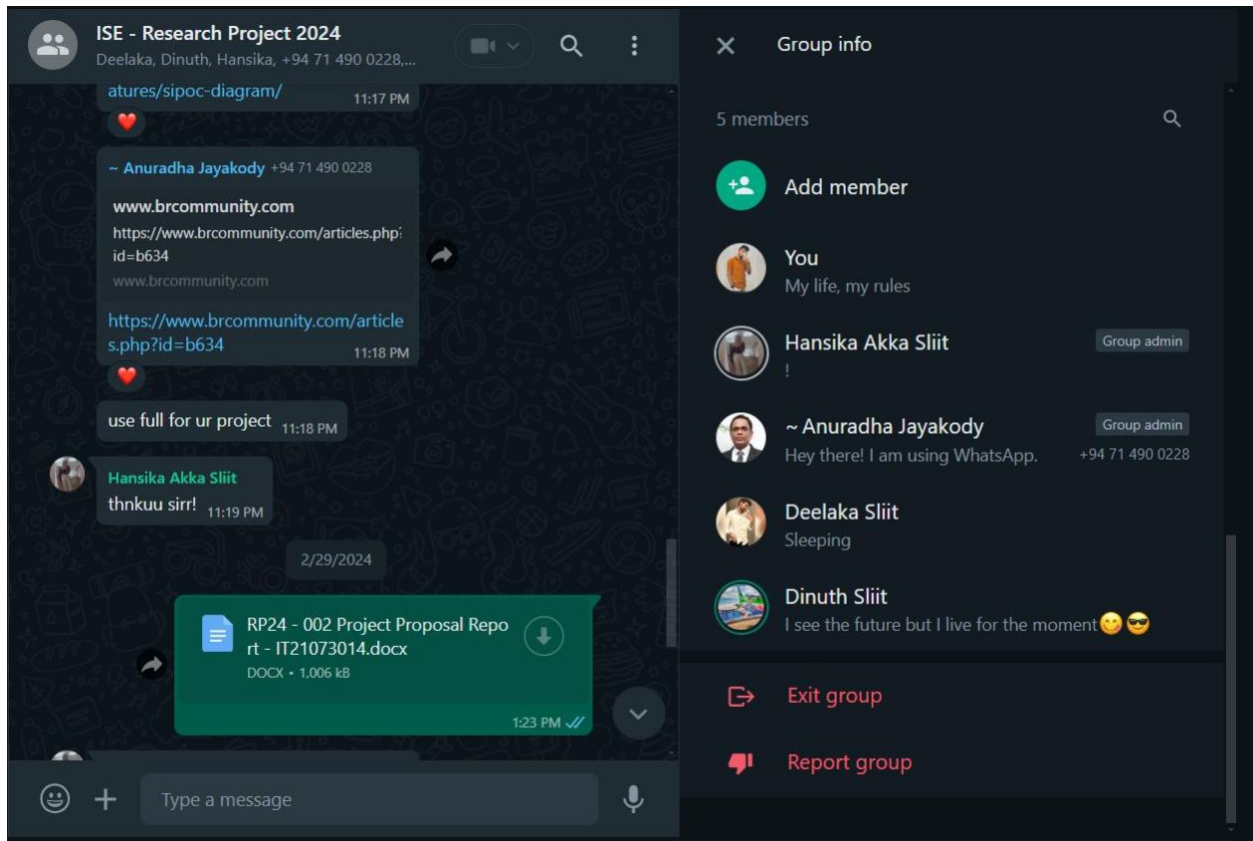


Figure 14 - WhatsApp Group Creation with Supervisor

Project Timeline

We put together a Gantt chart that outlines the entire timeline of our project, encompassing all the deadlines for our deliverables. This visual representation provides a comprehensive overview of our project's progression from its inception to its completion.

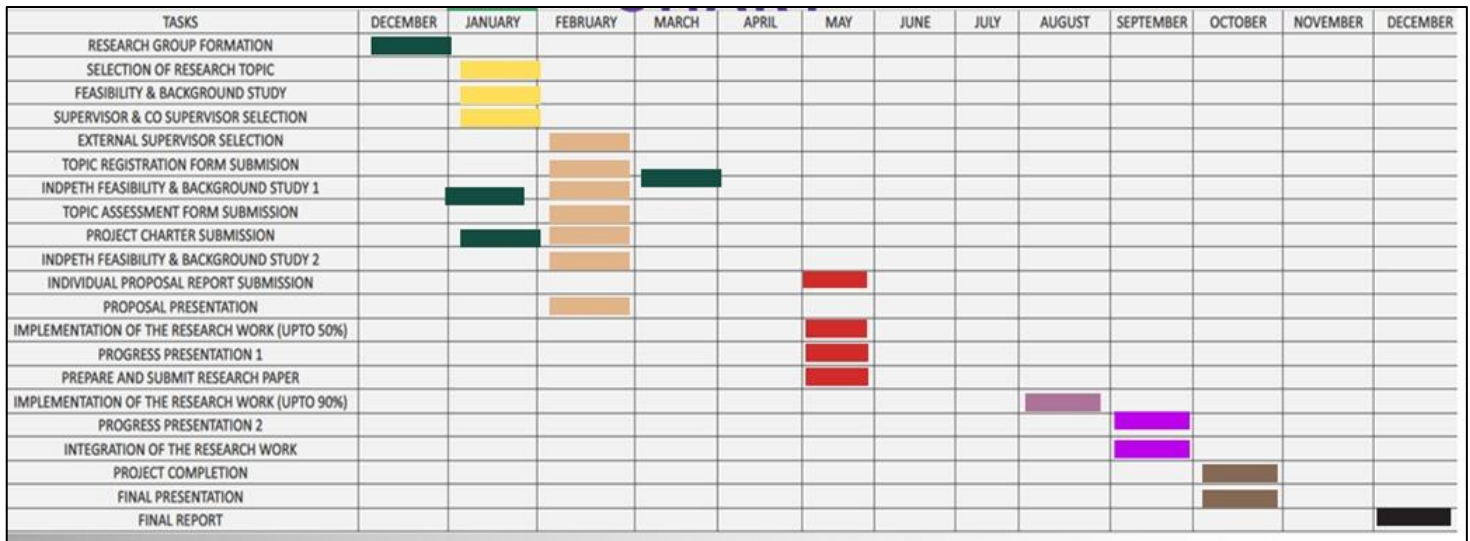


Figure 15 - Gantt Chart (Project Timeline)

Work Break-Down

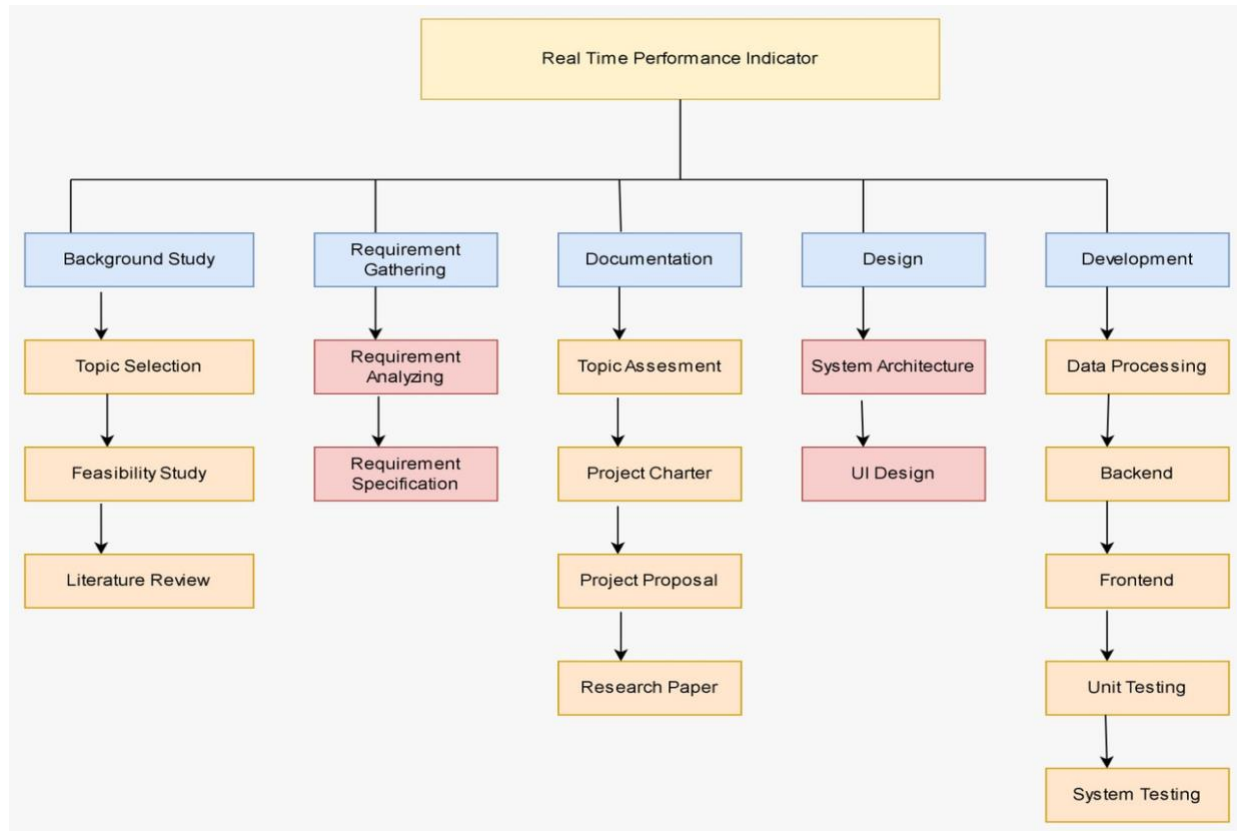


Figure 16 - Work Break-Down Structure

Version Controlling

The team implemented GitHub as their version control system, creating a repository that included all four group members. Each member was responsible for committing their code changes and progress to the repository.

To ensure transparency and collaboration, all code changes were incrementally committed and pushed to individual branches. These branches were later merged into the main branch during weekly meetings. This approach allowed for effective version control and streamlined collaboration among team members.

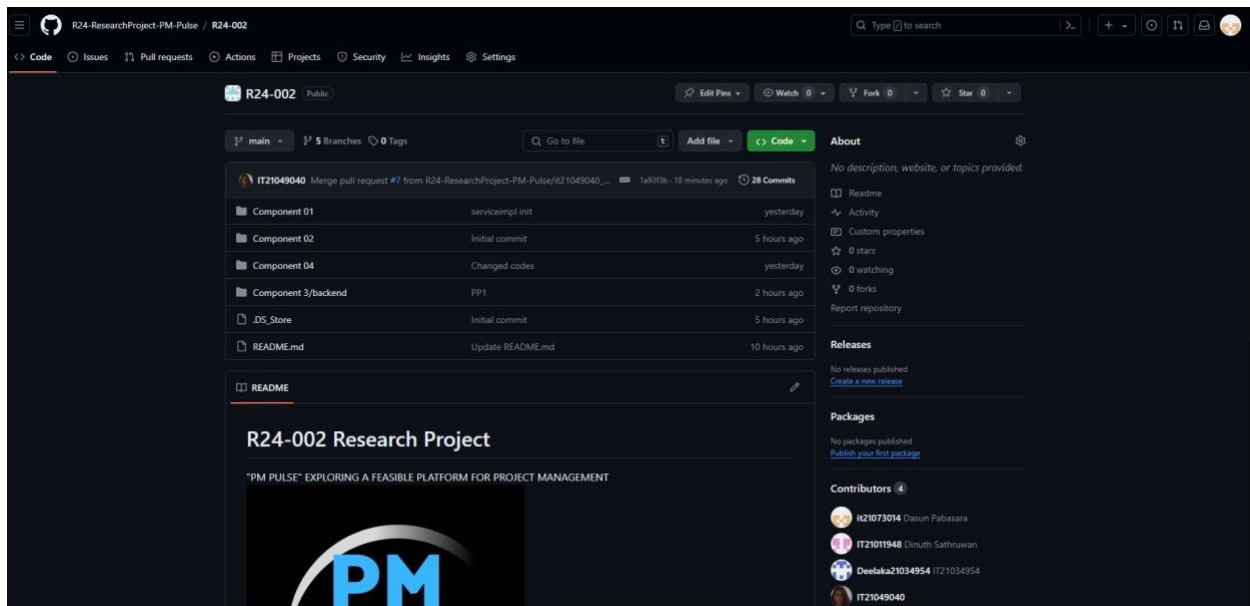


Figure 17 - GitHub Repository

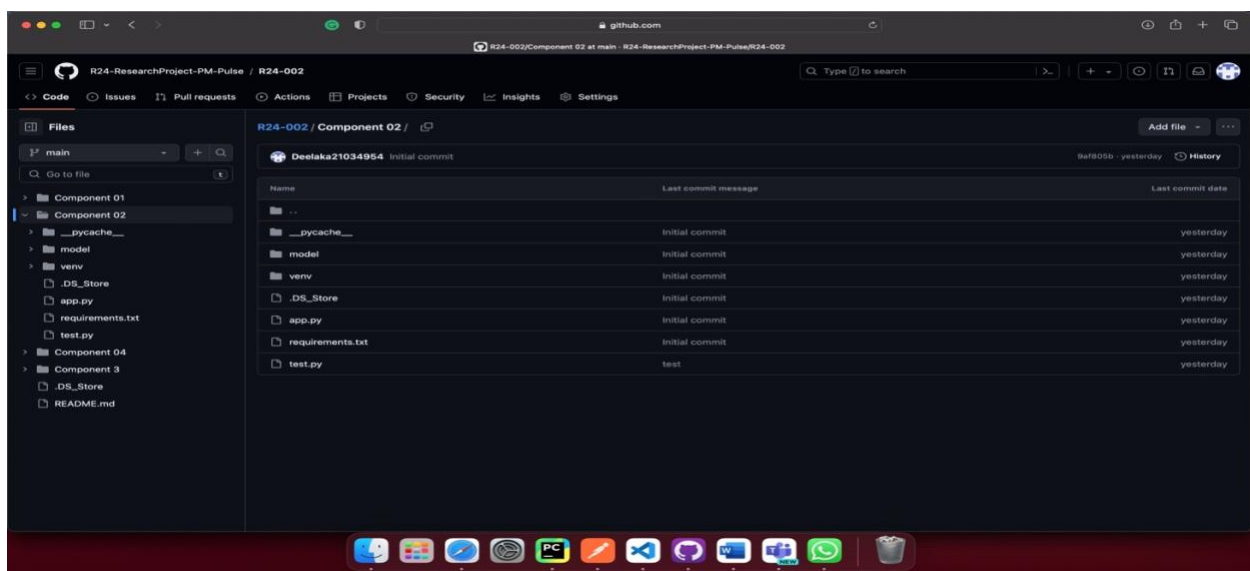


Figure 18 - GitHub Repository (Component 02 Branch)

GitHub Commits

Commits

main

Commits on May 5, 2024

- Merge pull request #7 from R24-ResearchProject-PM-Pulse/it21049040_component_03
IT21049040 committed 21 minutes ago
- PP1
IT21049040 committed 2 hours ago
- Initial commit
Deelaka21034954 committed 5 hours ago
- Merge pull request #6 from R24-ResearchProject-PM-Pulse/it21034954_component_02
Deelaka21034954 committed 6 hours ago
- test
Deelaka21034954 committed 6 hours ago
- Update README.md
it21073014 committed 10 hours ago
- Update README.md
it21073014 committed 10 hours ago
- Update README.md
it21073014 committed 10 hours ago
- Update README.md
it21073014 committed 10 hours ago
- Merge pull request #5 from R24-ResearchProject-PM-Pulse/it21011948_component_04

- Merge pull request #5 from R24-ResearchProject-PM-Pulse/it21011948_component_04
IT21011948 committed yesterday
- Changed codes
IT21011948 committed yesterday
- Merge pull request #4 from R24-ResearchProject-PM-Pulse/it21011948_component_04
IT21011948 committed yesterday
- Time Prediction Model
IT21011948 committed yesterday
- Deployed Time Prediction Model
IT21011948 committed yesterday
- Deployed Time Prediction Model
IT21011948 committed yesterday
- Time Prediction Model
IT21011948 committed yesterday
- Merge pull request #3 from R24-ResearchProject-PM-Pulse/it21011948_component_04
IT21011948 committed yesterday
- Create Folders for Component
IT21011948 committed yesterday
- Commits on May 4, 2024
- Merge pull request #2 from R24-ResearchProject-PM-Pulse/it21073014_component_01
it21073014 committed yesterday
- serviceimpl init
it21073014 committed yesterday
- Service init
it21073014 committed yesterday
- Repo file init
it21073014 committed yesterday

GitHub Contributors

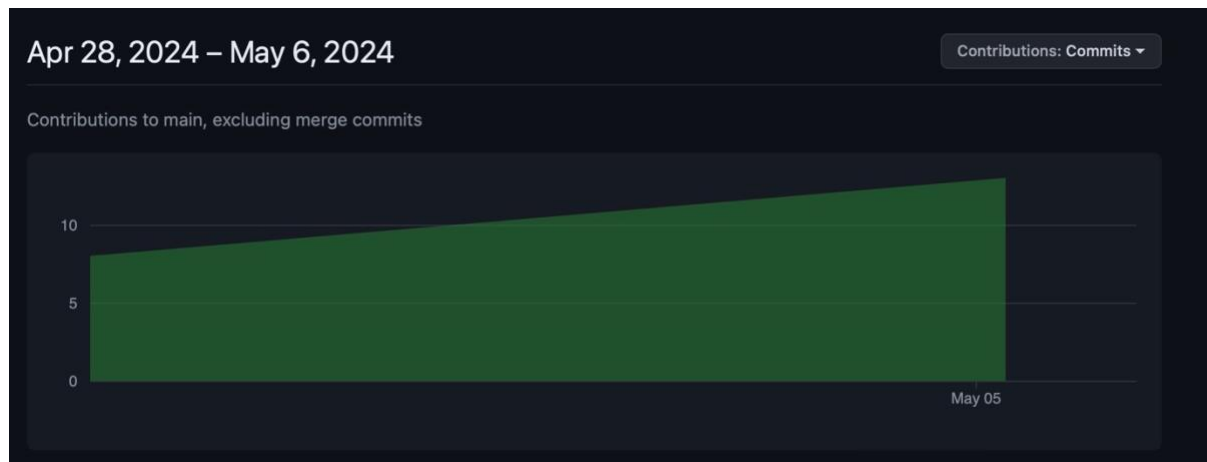


Figure 21 - GitHub Contributors

Contribution Charts

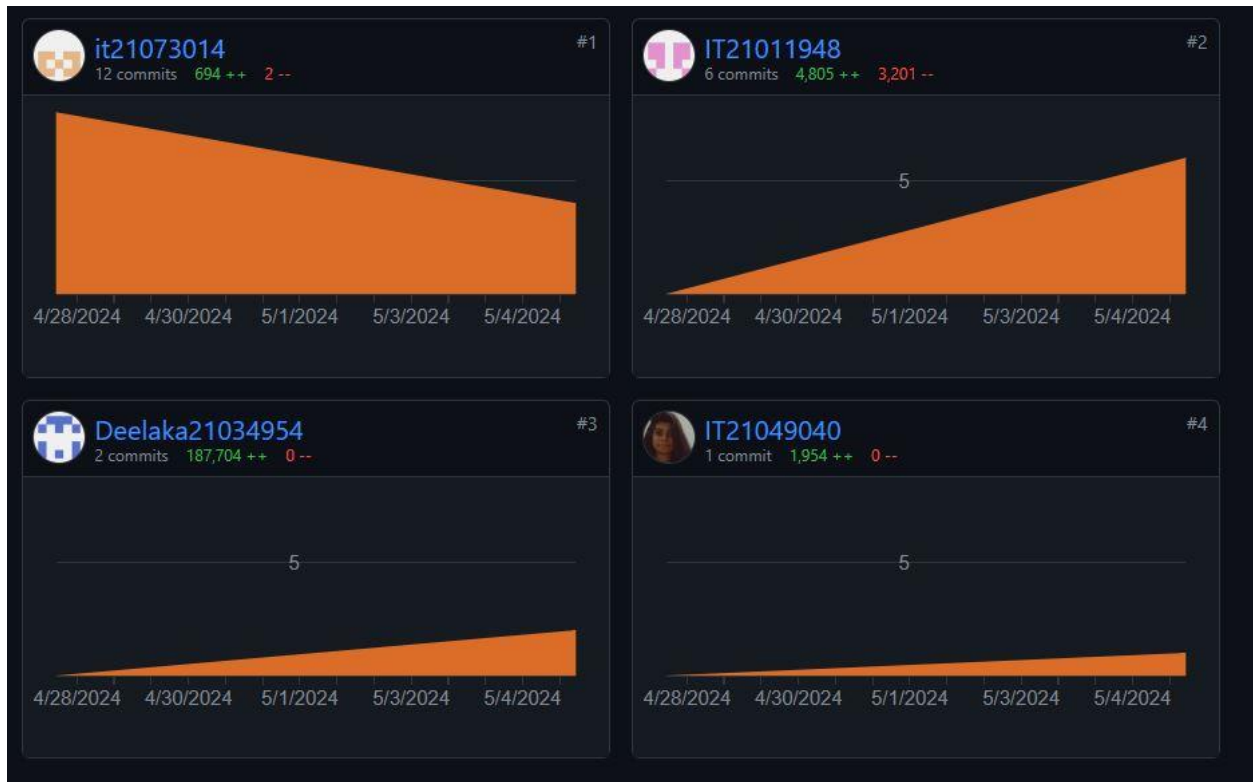


Figure 22 - Contributors Charts