Detection of Energy Consumption and Performance of Third-party Applications using Machine Learning and Artificial Intelligence

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Status Document 1

Research Project - IT4010 (2022/23 June)

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PROJECT SUPERVISOR DETAILS:

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PROJECT MEMBER DETAILS:

Name	Registration Number
Jayasinghe H.M.C.P.	IT19048338

GitLab Registration

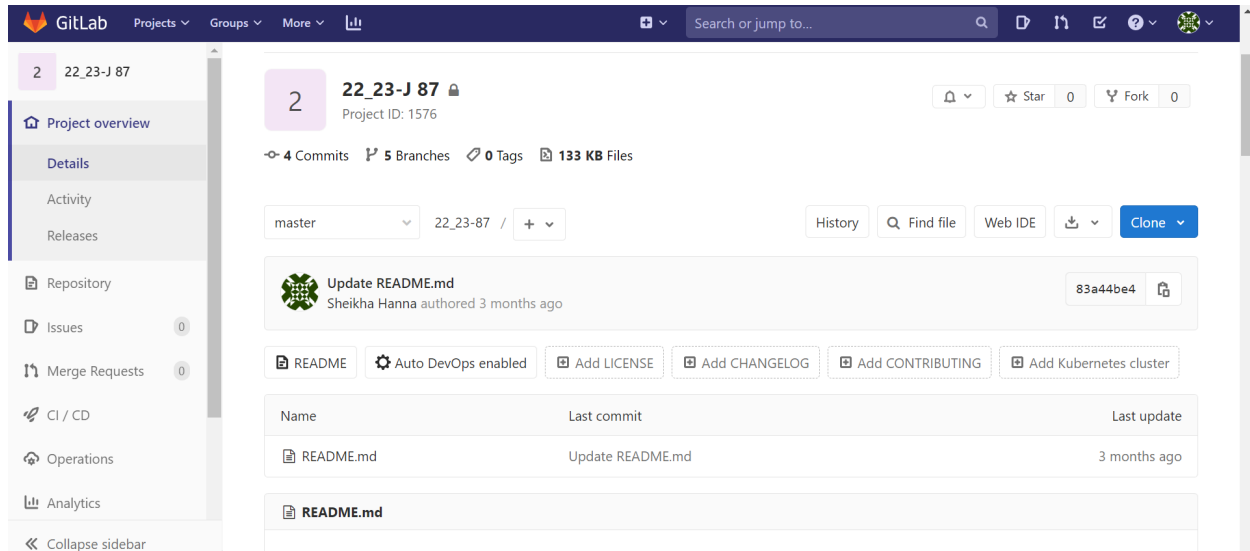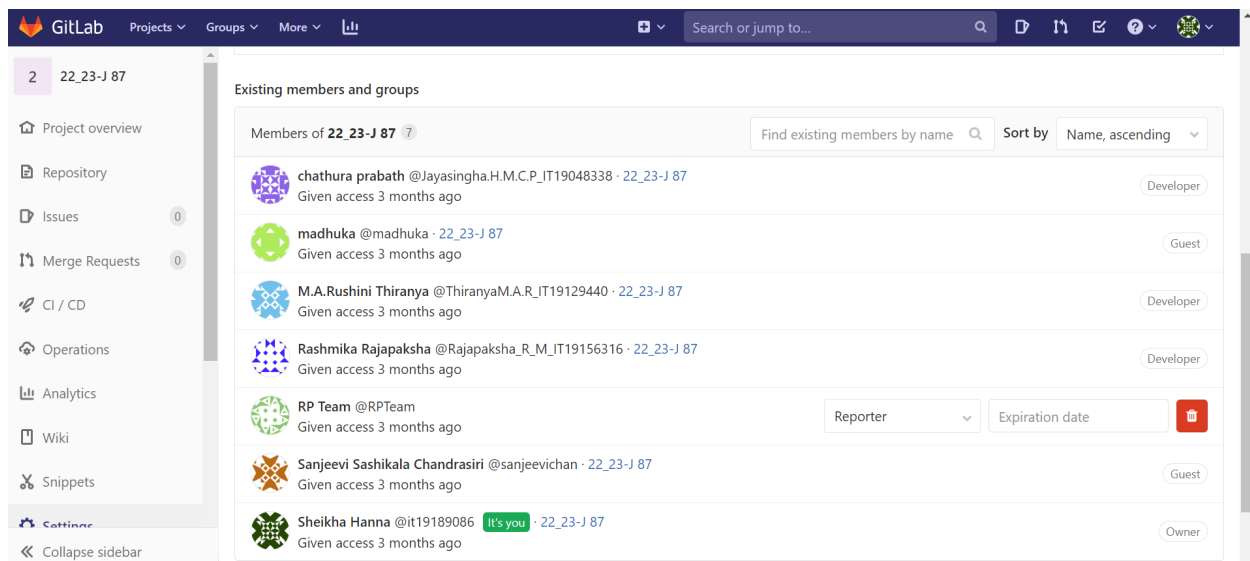- ● Repository Creation

Figure 1: Repository Creation

- ● Members

Figure 2: Repository Members
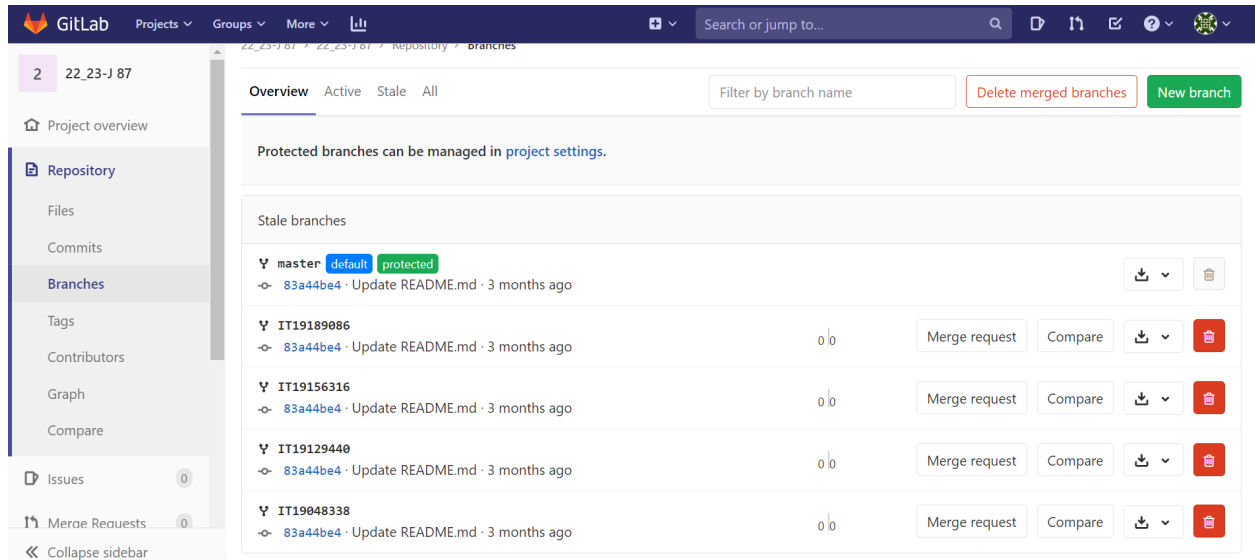
- Branches

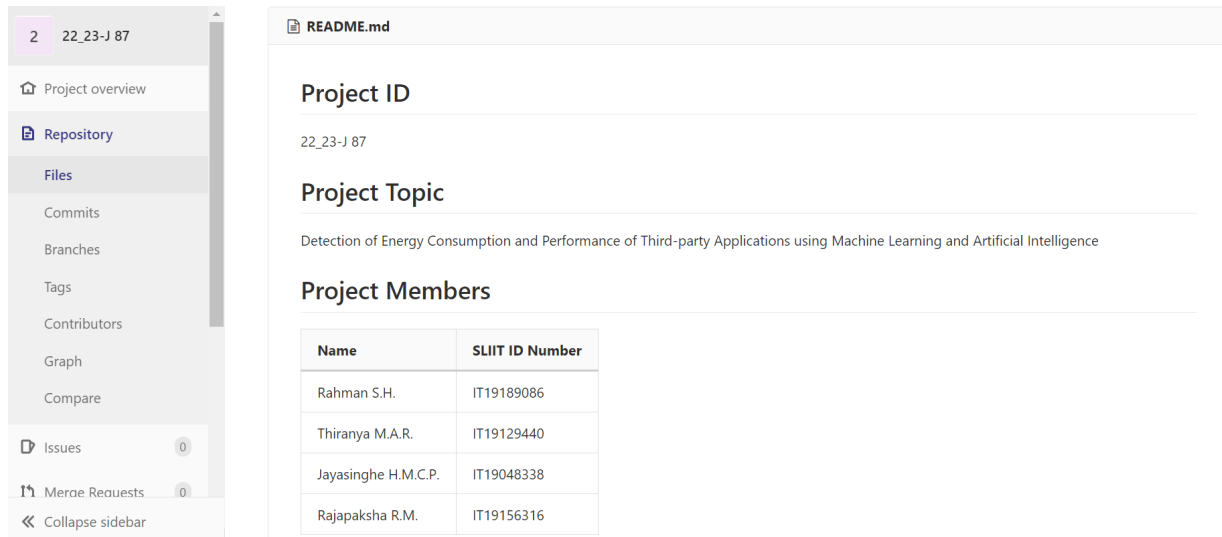*Figure 3: Repository Branches*

- README.txt

Figure 4: Repository README file

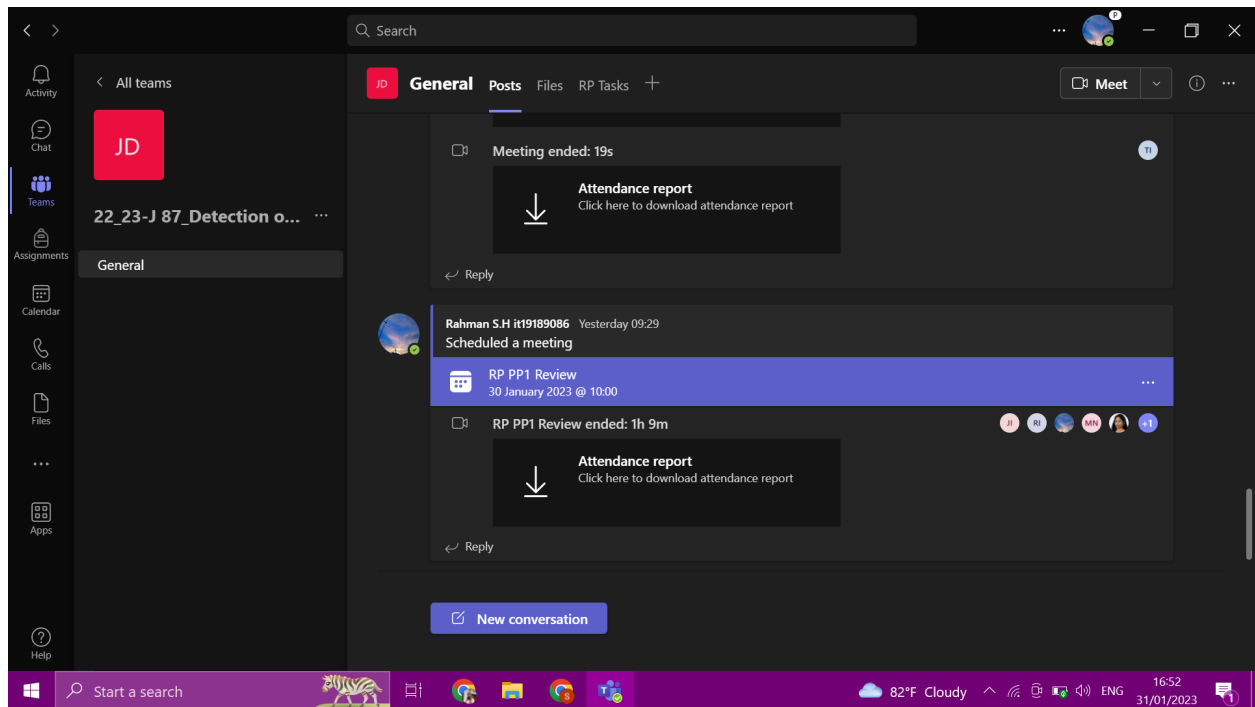**MS Teams**
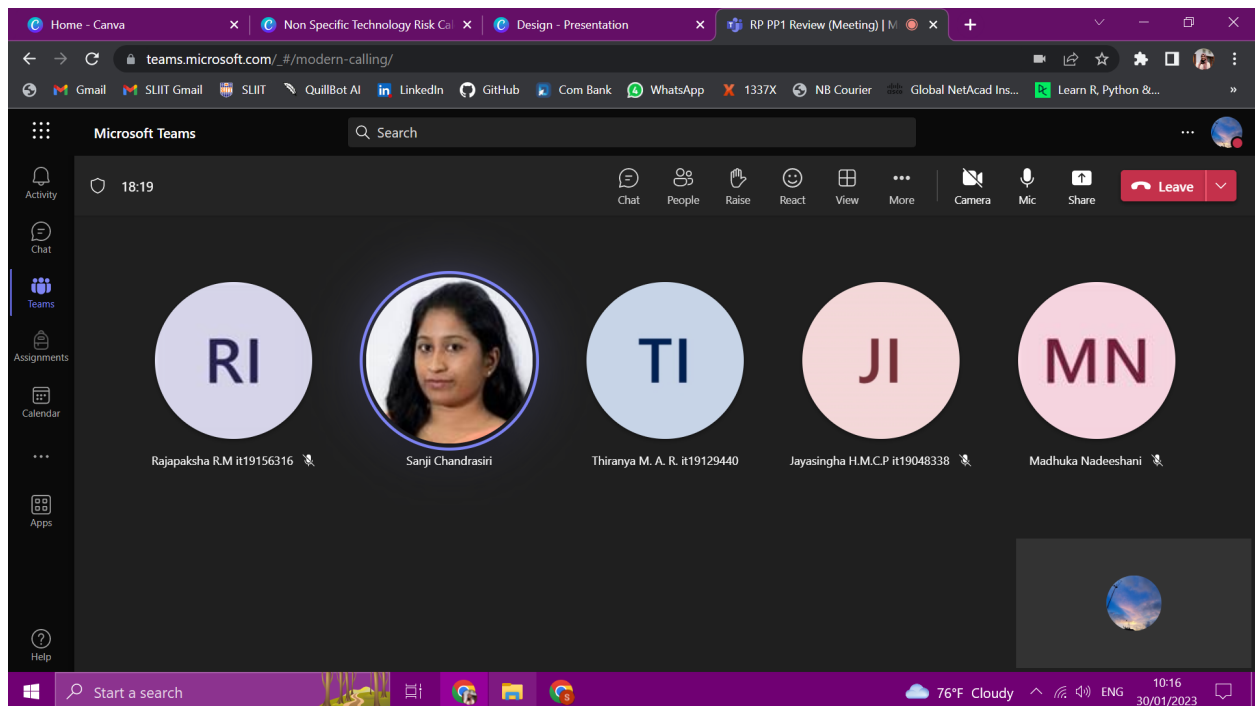
- Teams Meetings and Chats

Figure 5: Teams Channel

Figure 6: Progress Presentation 1 (PP1) Review and Feedback

Figure 7: Progress Presentation 1 (PP1) Review and Feedback

Figure 8: Progress Presentation 1 (PP1) Review and Feedback
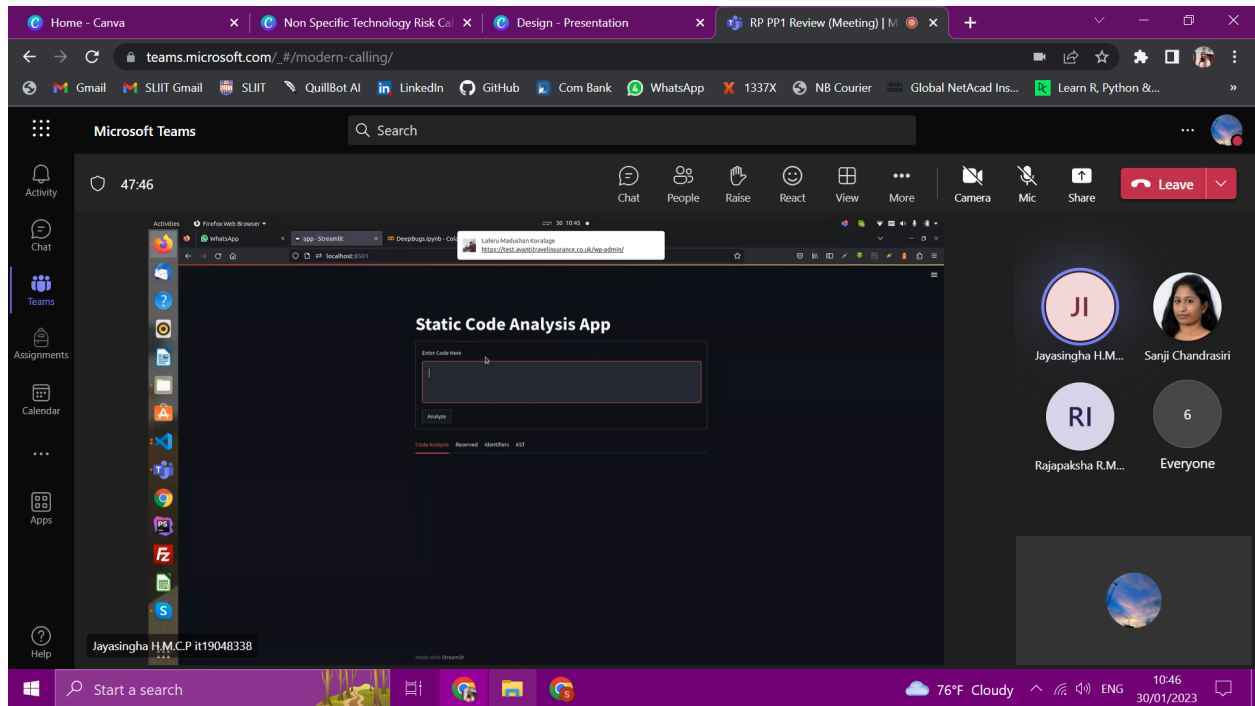
Figure 9: Progress Presentation 1 (PP1) Review and Feedback

- Calendar
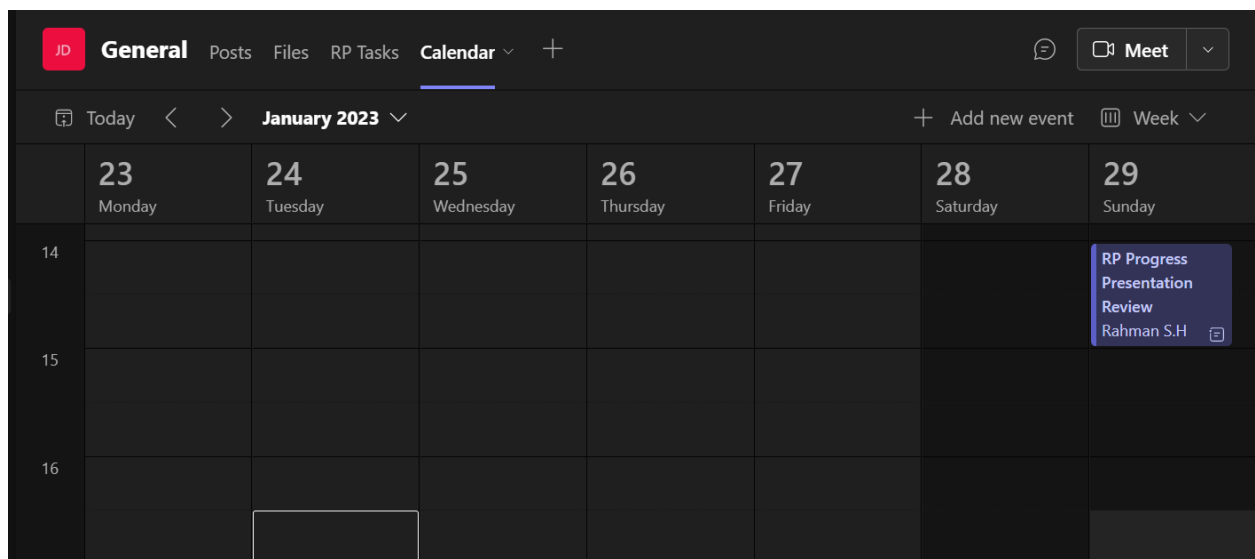
Figure 10: Channel Calendar Events
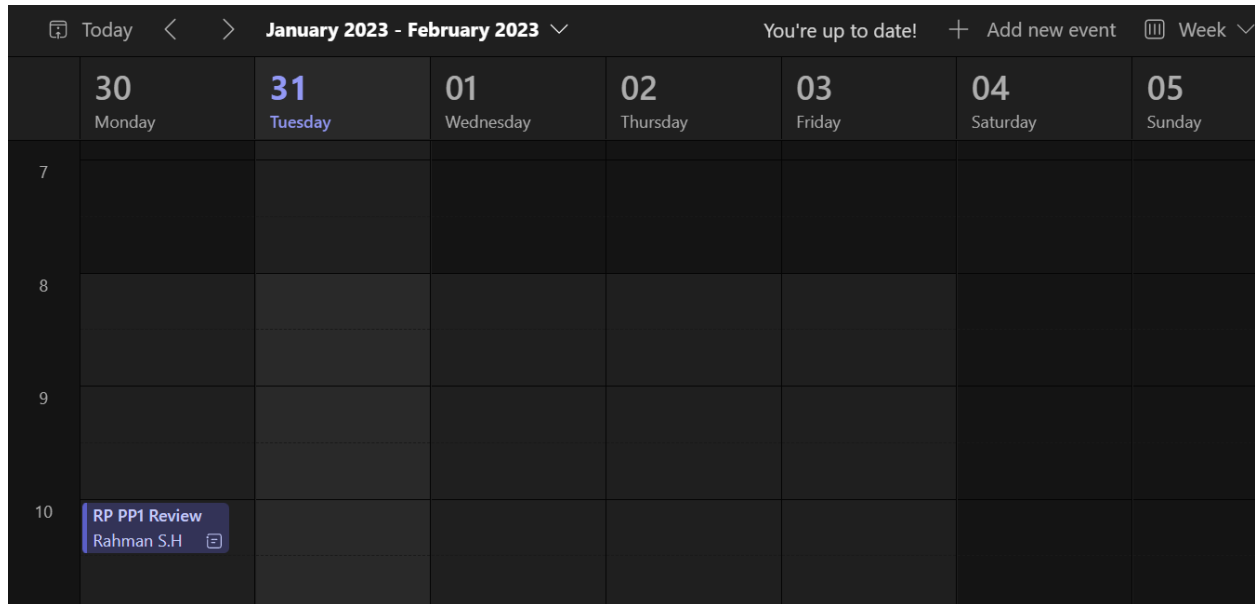
Figure 11: Channel Calendar Events

- **Board Planner**
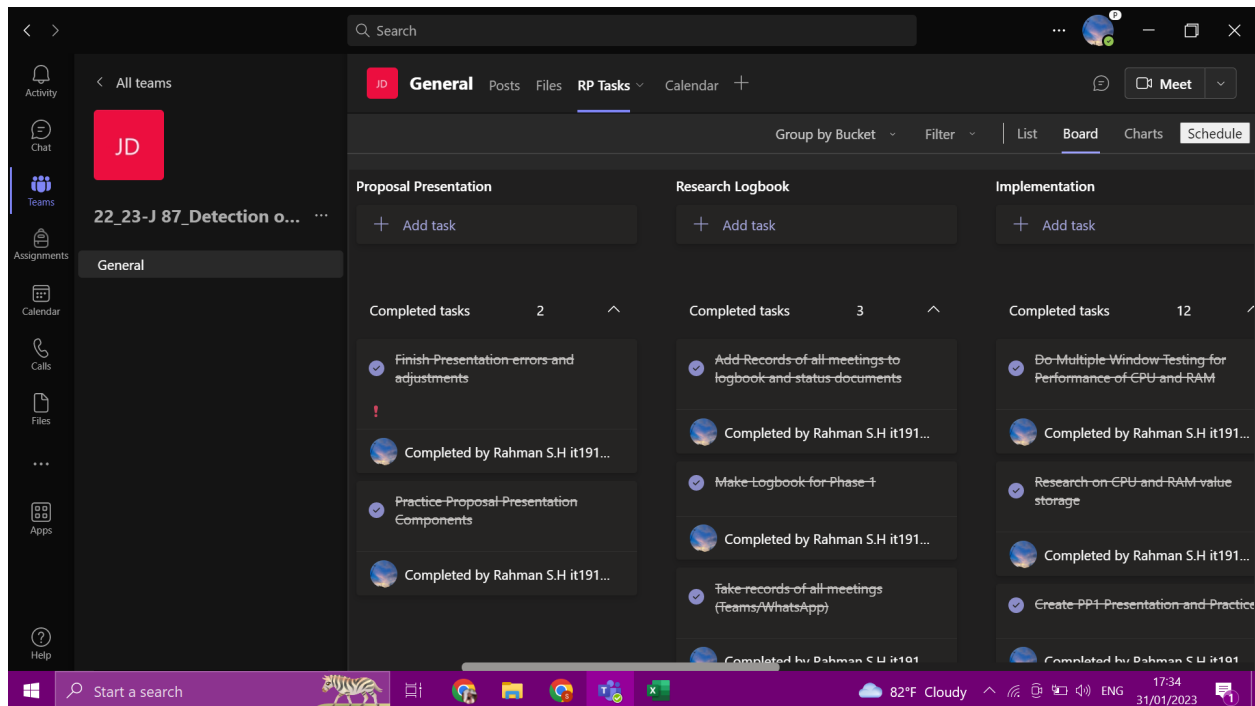
Figure 12: Channel Tasks Board

- **Planner Charts**
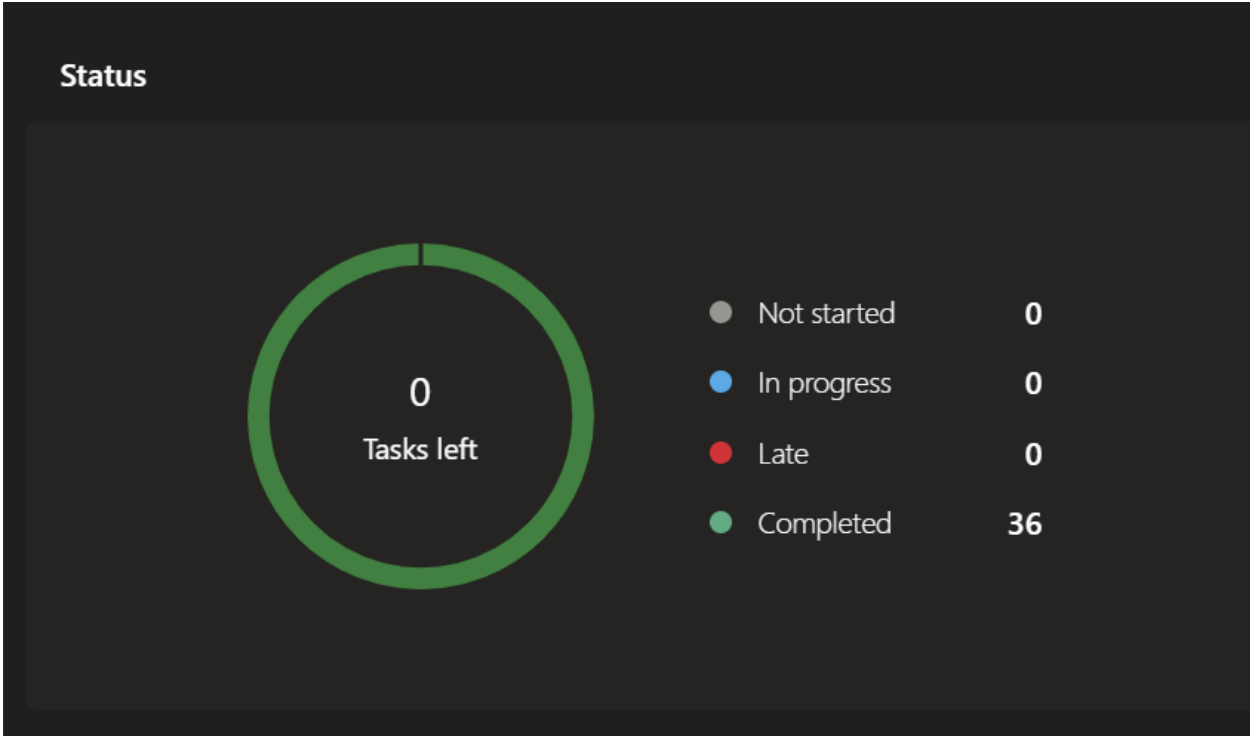
Figure 13: Channel Tasks Status
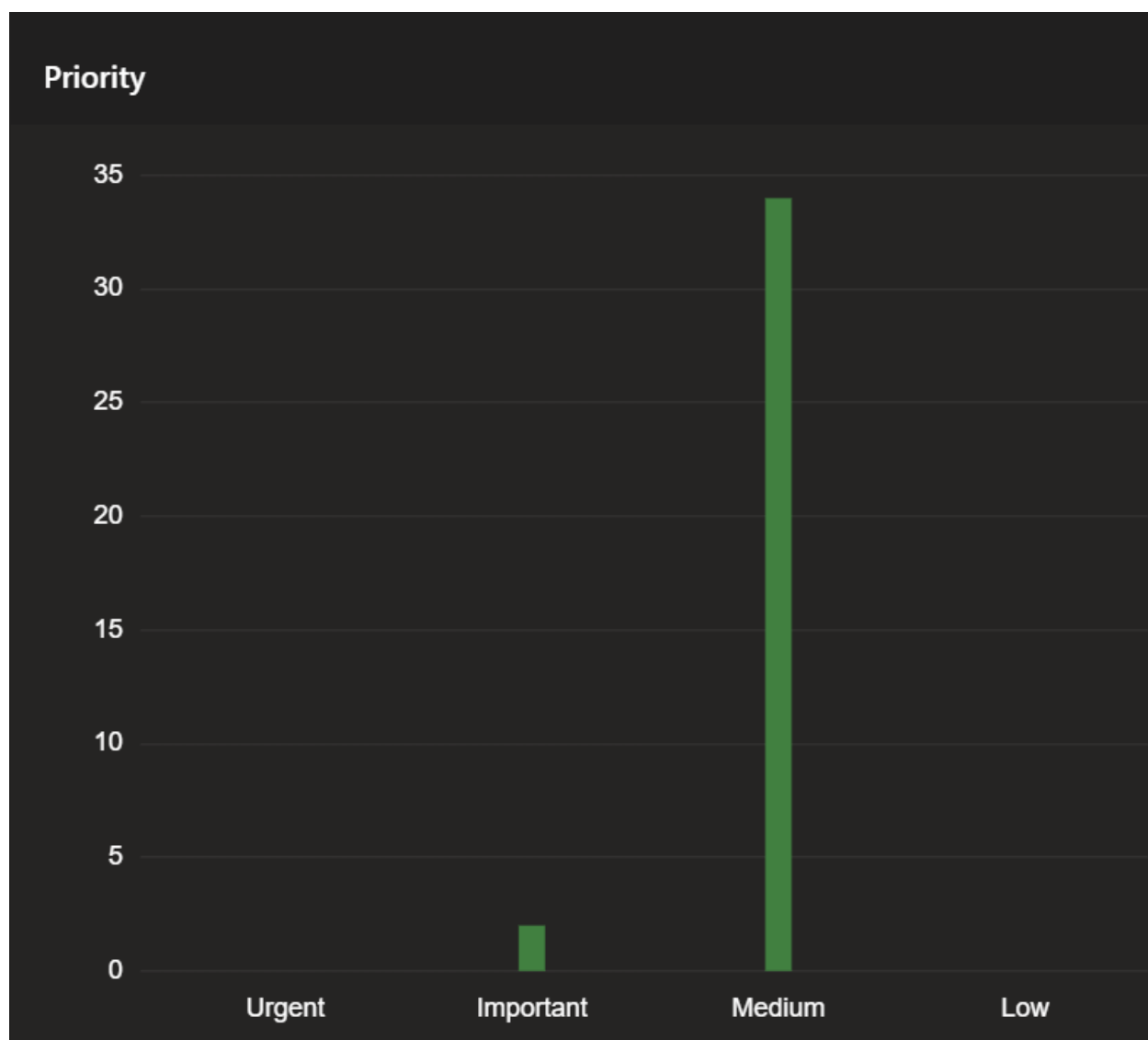
Figure 14: Channel Tasks Priority

WhatsApp

- Meetings

Figure 15: WhatsApp Meetings

Google Meet

- Meetings

Figure 16: Google Meet Meeting

Figure 17: Google Meet PP1 Review Meeting

50% completion of the component

Figure 19: 50% completion Component

Figure 20: 50% completion Component

Figure 21: 50% completion Component

Figure 22: 50% completion Component

Figure 23: 50% completion Component

Gantt Chart

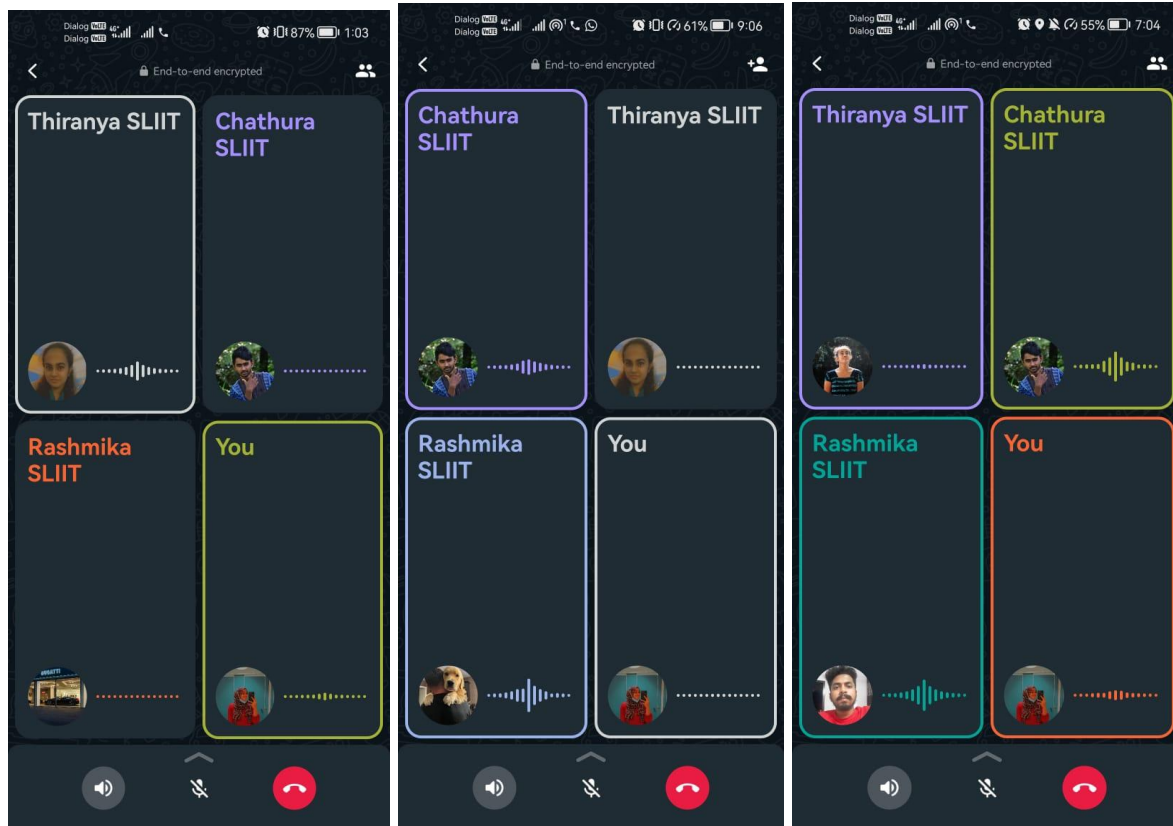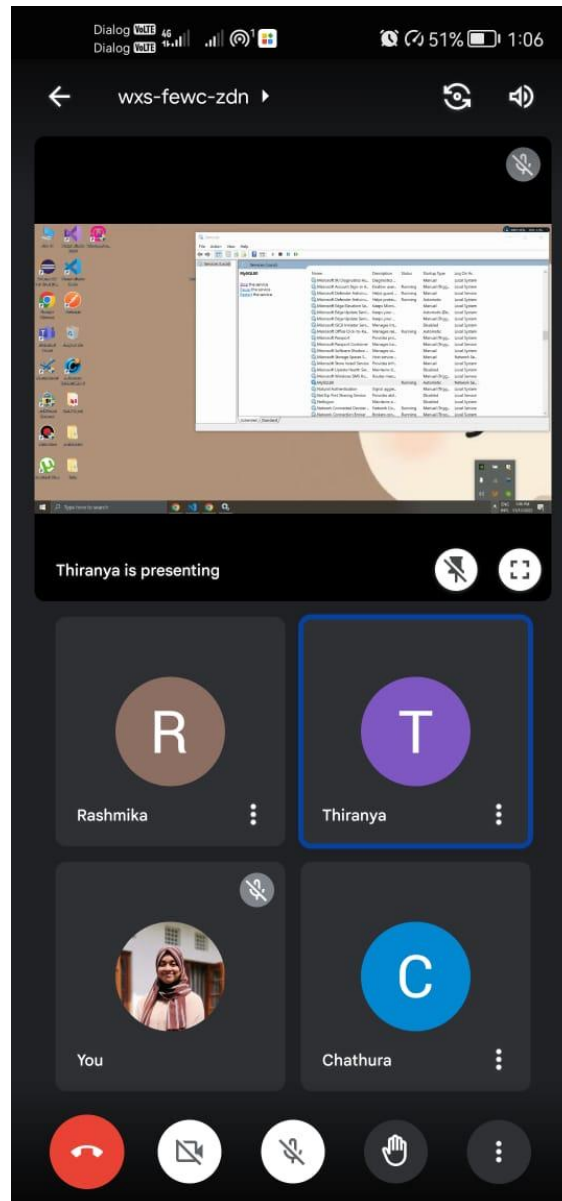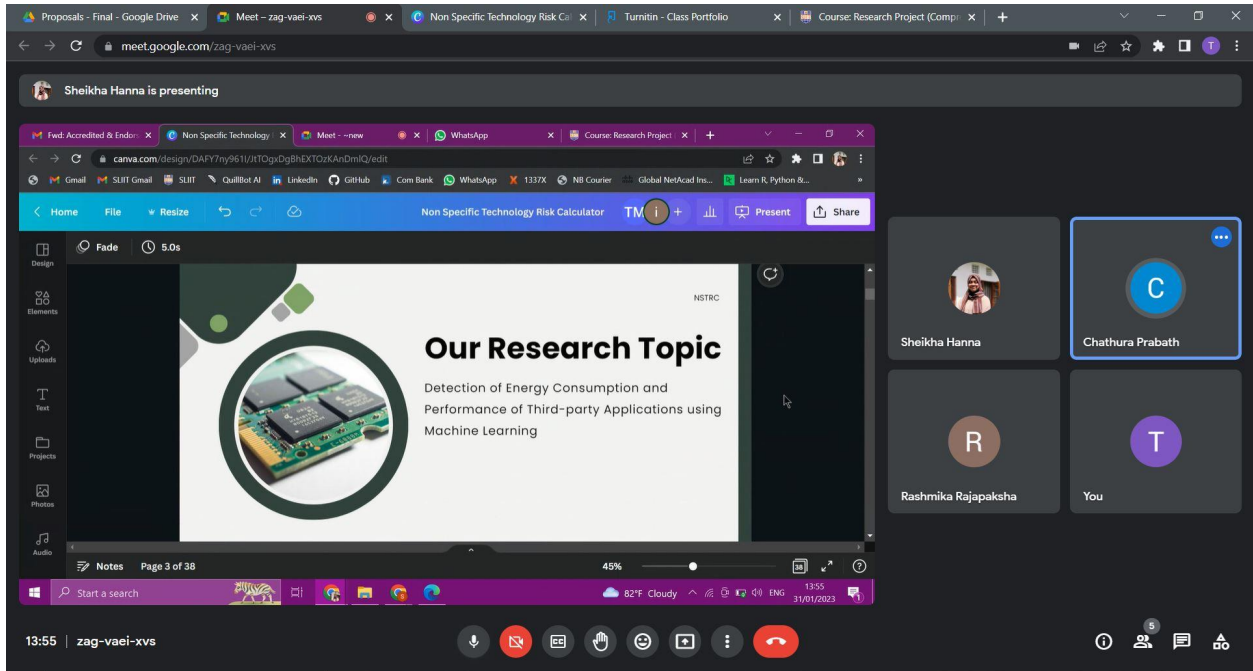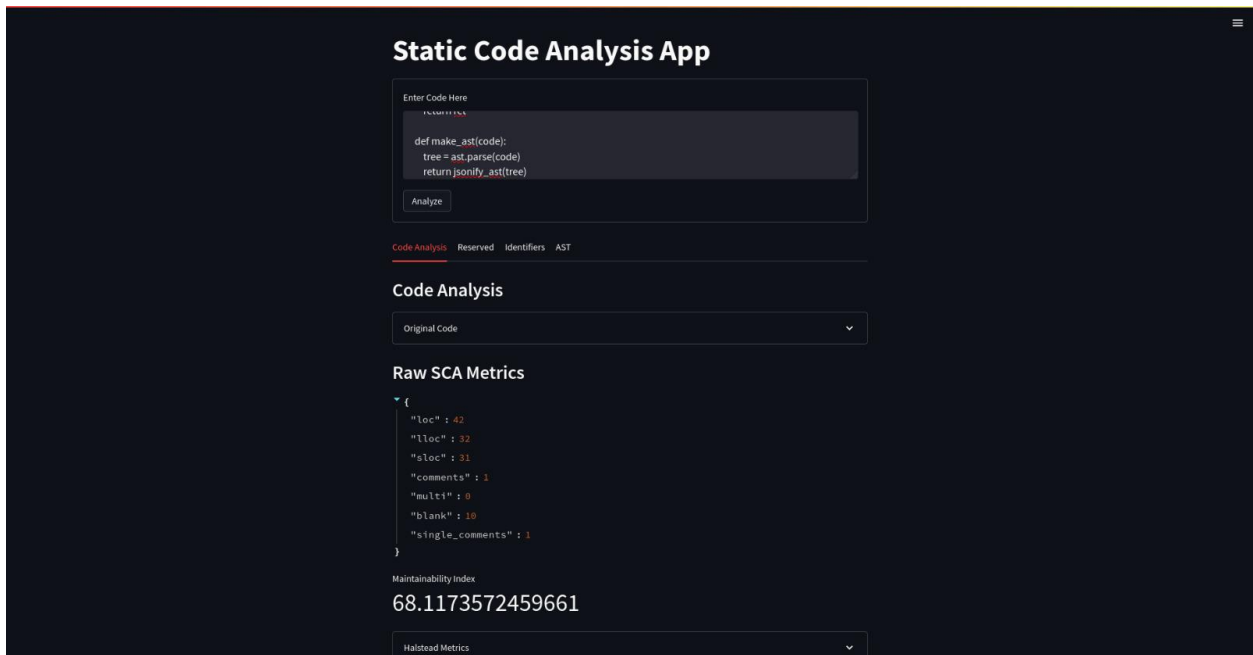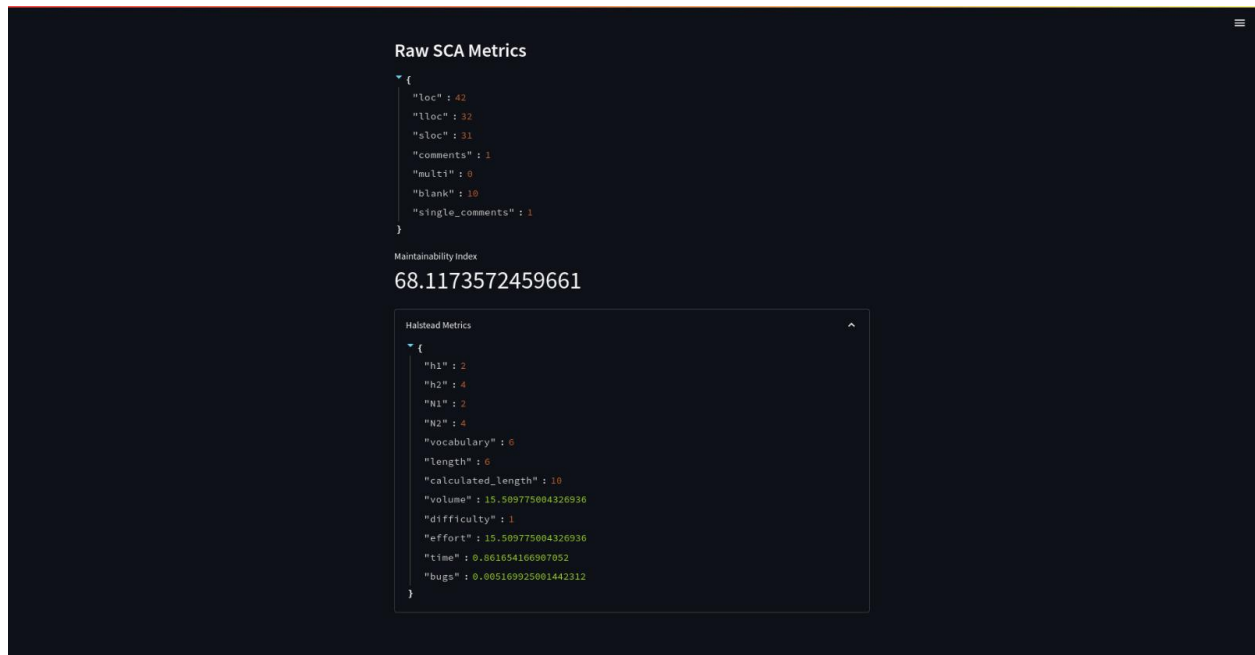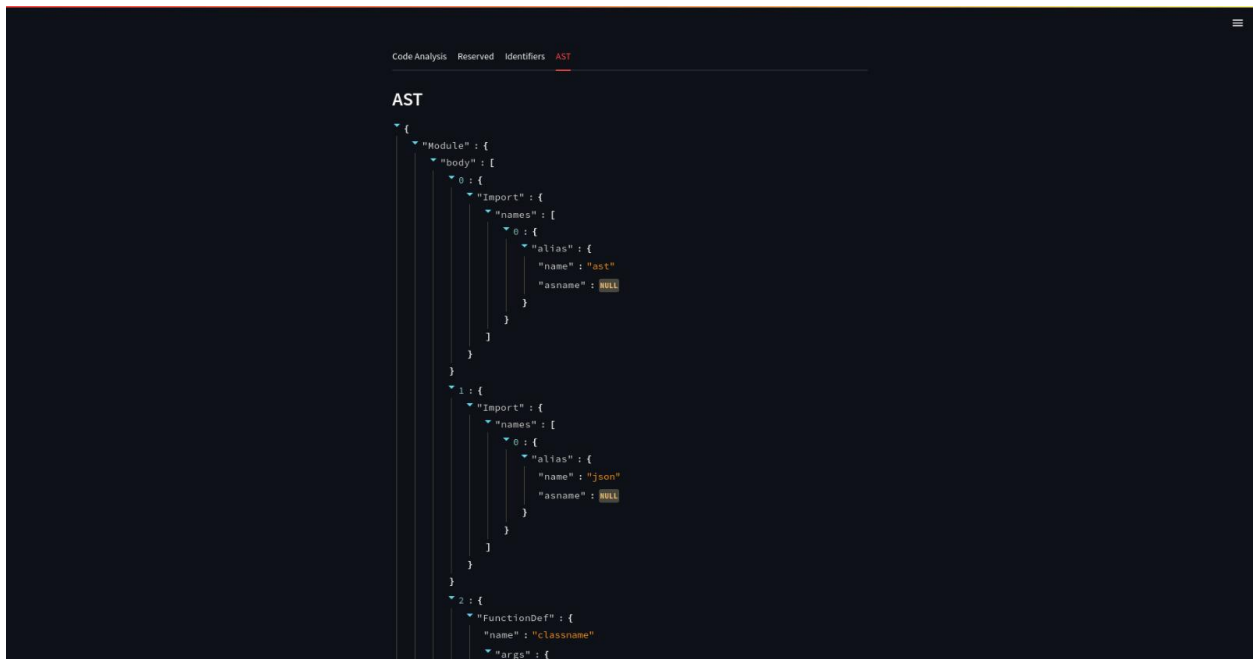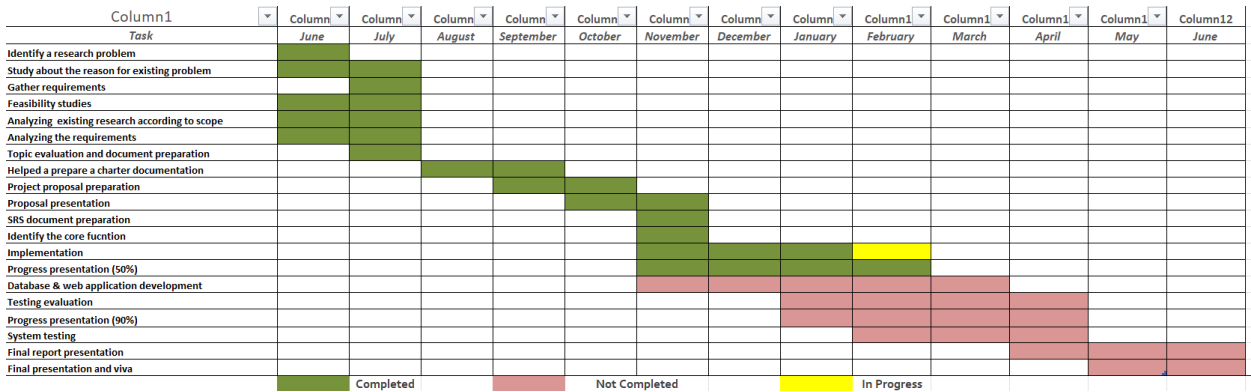| Task	June	July	August	September	October	November	December	January	February	March	April	May	June
Identify a research problem	■												
Study about the reason for existing problem		■											
Gather requirements	■												
Feasibility studies	■												
Analyzing existing research according to scope	■	■											
Analyzing the requirements		■											
Topic evaluation and document preparation		■											
Helped a prepare a charter documentation			■	■									
Project proposal preparation				■	■								
Proposal presentation						■							
SRS document preparation						■							
Identify the core fuction						■							
Implementation						■	■	■	■ (In Progress)				
Progress presentation (50%)								■	■				
Database & web application development							▨	▨	▨	▨			
Testing evaluation													
Progress presentation (90%)								▨	▨	▨	▨		
System testing									▨				
Final report presentation											▨	▨	▨
Final presentation and viva												▨	▨

Legend: ■ Completed (green) · ▨ Not Completed (pink) · In Progress (yellow)

Figure 24: Team Gantt Chart