Sri Lanka Institute of Information Technology

R24-059

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IT21061066

Information Technology

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Project Component and Current Status

Component: Coconut (Copra) Variety Assistant

Progress

In My Component, the system mainly focuses on predicting the quality of the copra based on three categories.

Copra Quality Levels:

- Level 1: Define the characteristics of "perfect condition" copra for oil production. Category - [A]
- Level 2: Specify the characteristics of "moderate" copra and its suitability for oil production. Category - [B]
- Level 3: Define the characteristics of copra considered "not most suitable" for oil production. Category - [C]

Figure 1-[A] Perfect Condition

Figure 3- [B] Moderate

Figure 2 - [C] Not Suitable

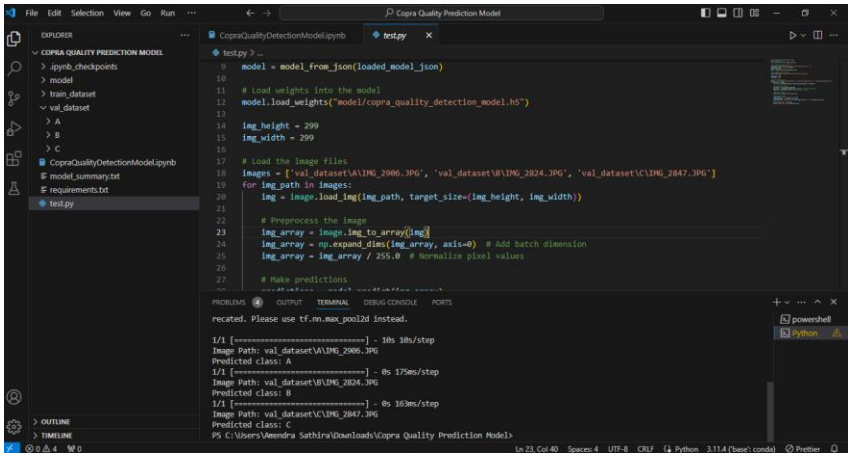


Figure 4: Prediction.

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 constantly communicate with their supervisors. This enabled timely updates and cooperation between the supervisor and co-supervisor, ensuring everyone was informed and on the same page throughout the project.

Teams Channel

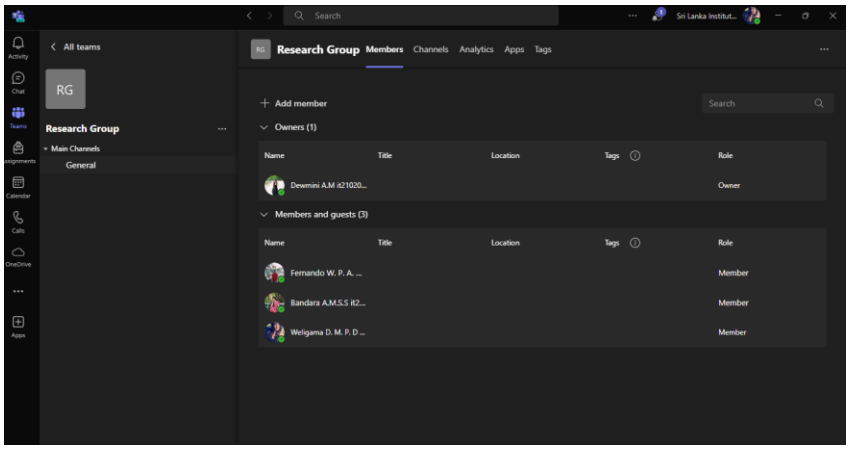


Figure 5: Teams Channel

Teams Calls with the Research Team

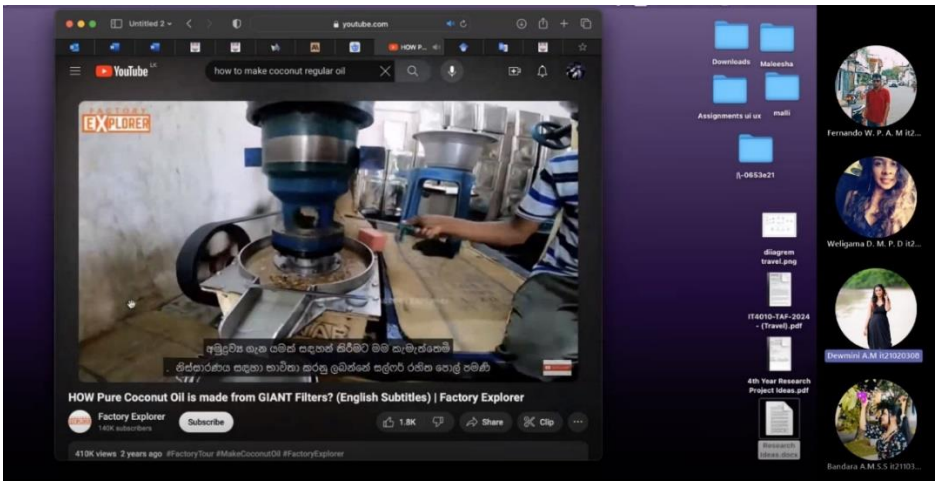


Figure 6: Teams Calls with the Team 1

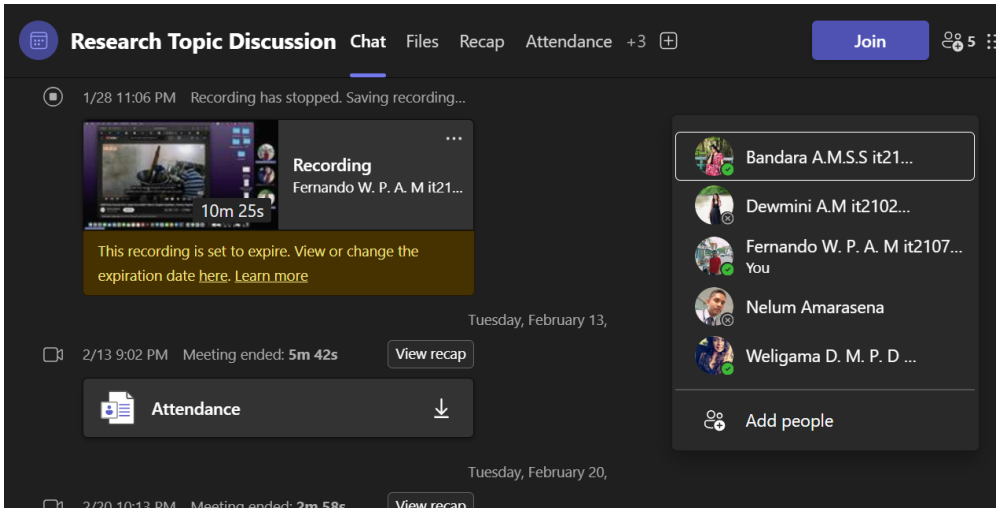


Figure 7: Teams Calls with the Team 2

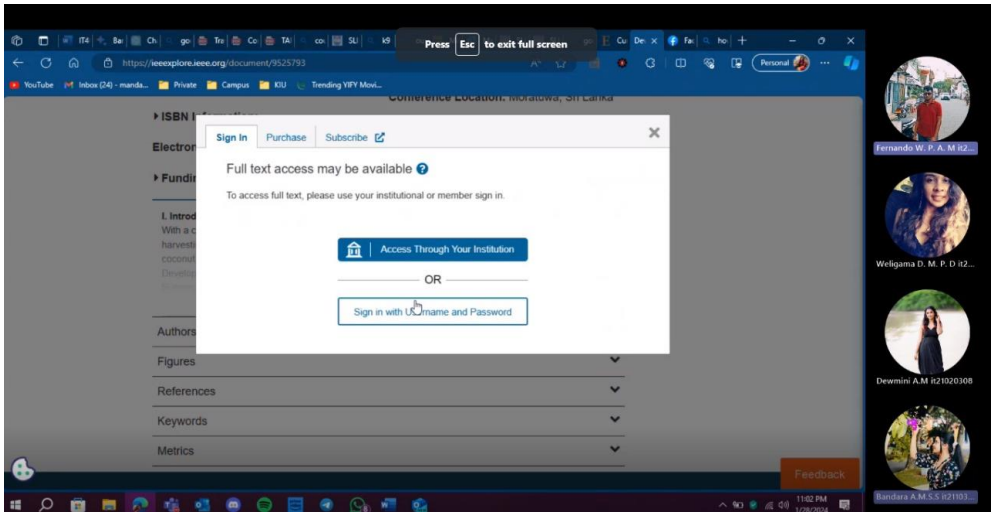


Figure 8: Teams Calls with the Team 3

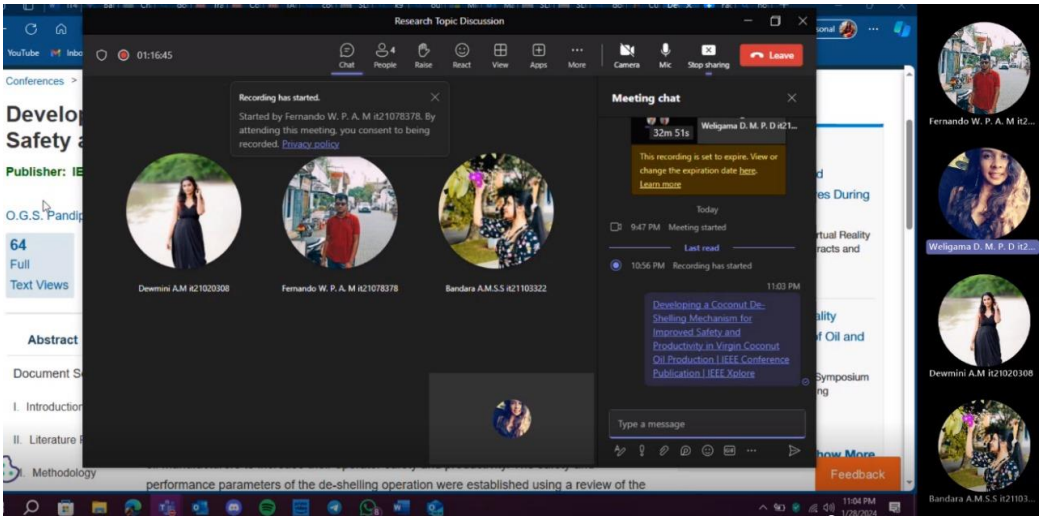


Figure 9: Teams Calls with the Team 4

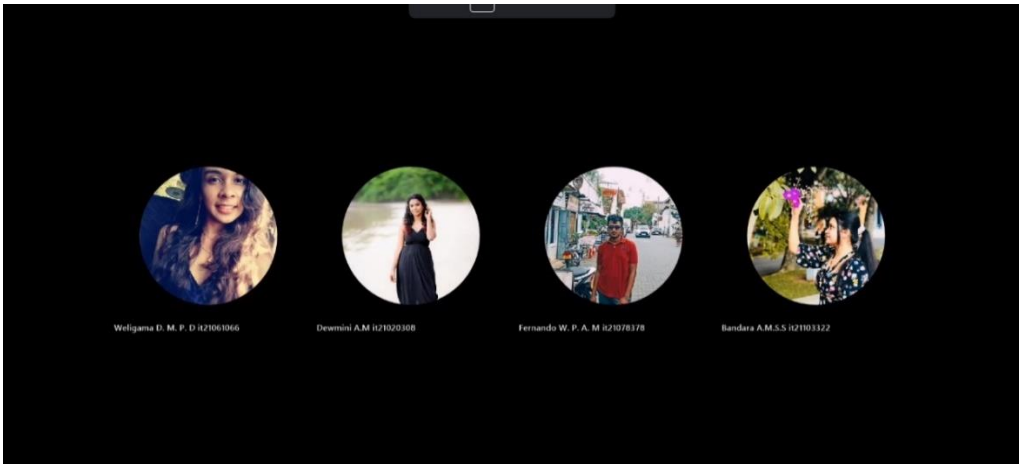


Figure 10: Teams Calls with the Team 5

Online Calls with Supervisors (Teams)

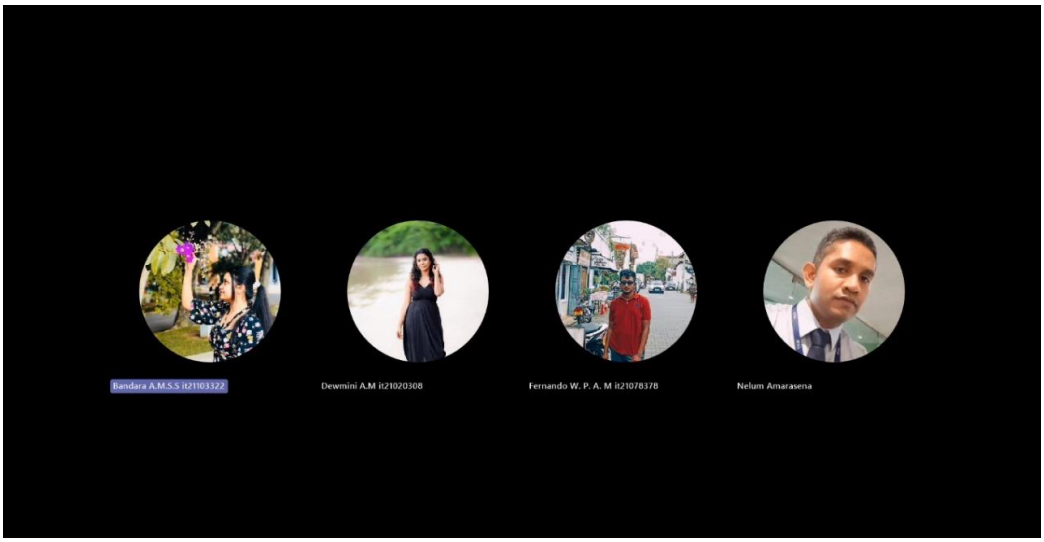


Figure 11: Teams Calls with Supervisors Example 1

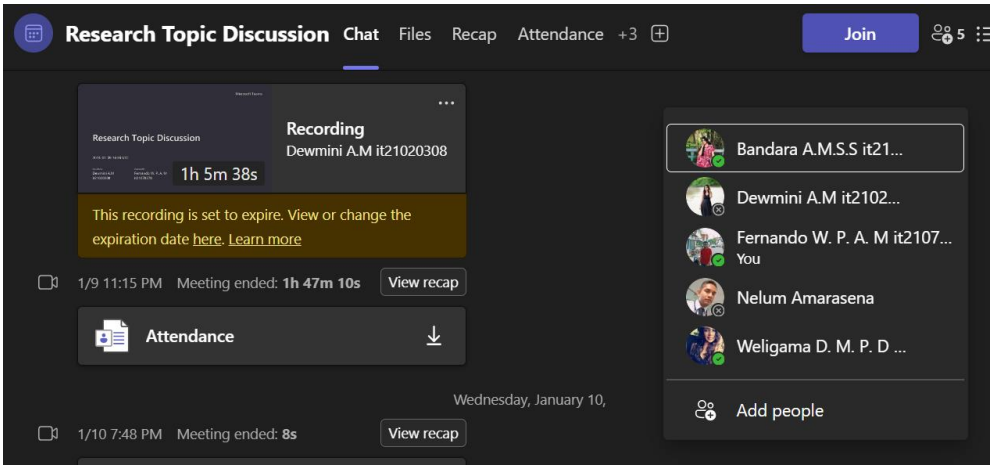


Figure 12: Teams Calls with Supervisors Example 2

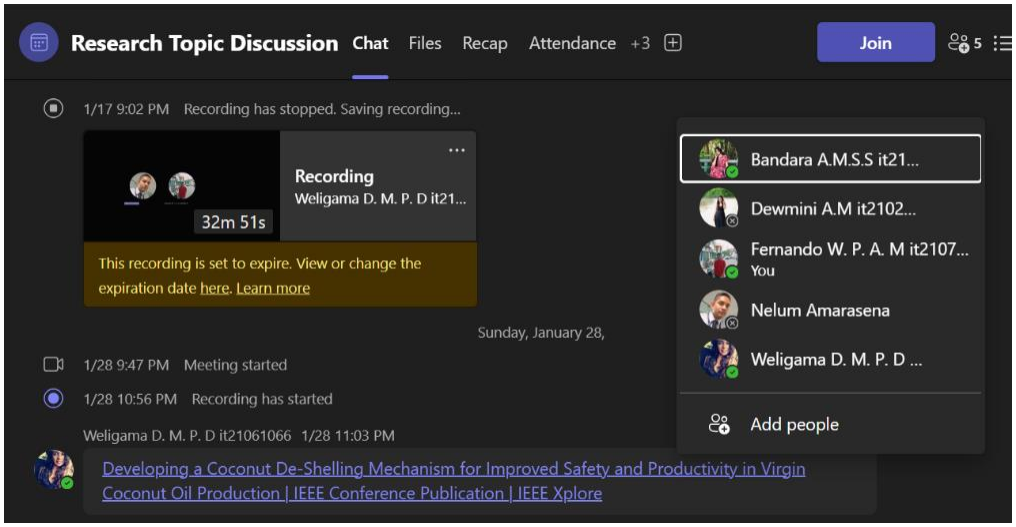


Figure 13: Teams Calls with Supervisors Example 3

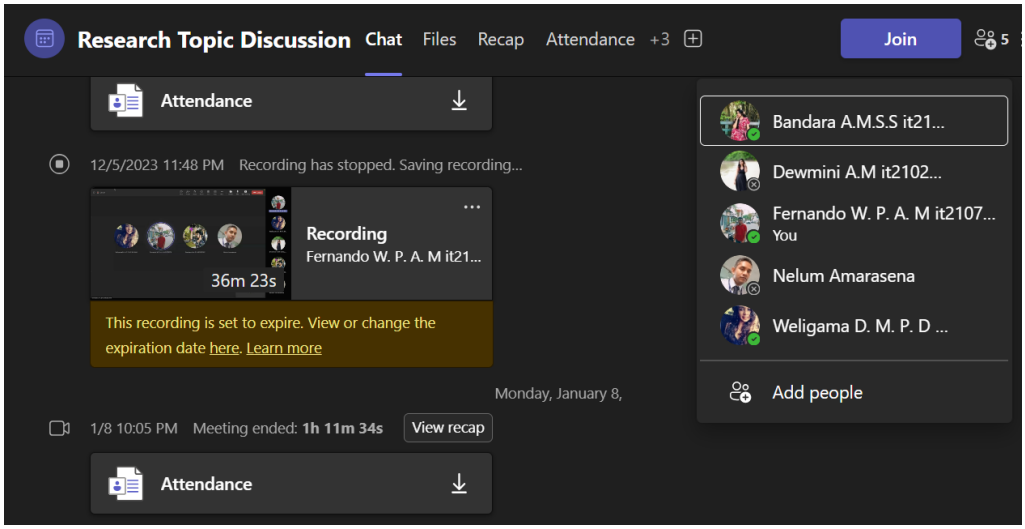


Figure 14: Teams Calls with Supervisors Example 4

Phone Calls with External Supervisor

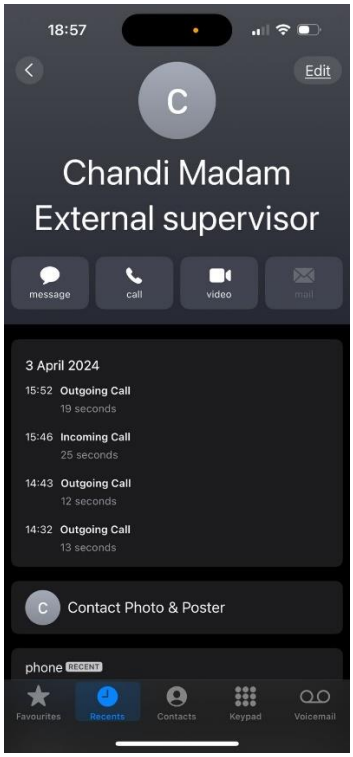


Figure 15: Phone Calls with External Supervisor

Phone Calls with CDA Officers

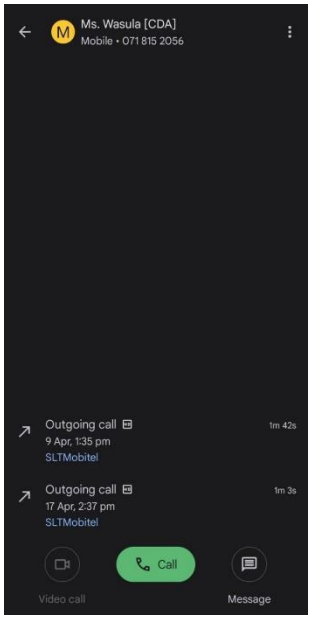
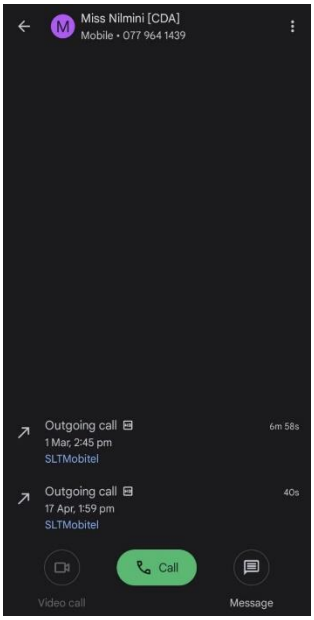
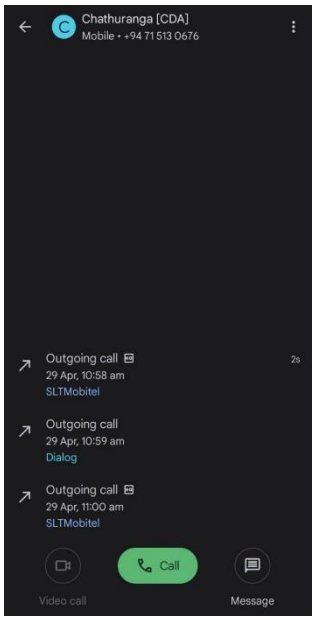
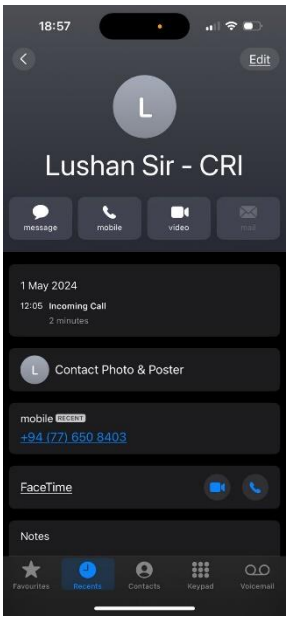


Figure 16: Phone Calls with CDA Officers


Miss Nilmini [CDA]
Mobile • 077 964 1439
Outgoing call
1 Mar, 2:45 pm
SLTMobitel
6m 58s
Outgoing call
17 Apr, 1:59 pm
SLTMobitel
40s
Call
Video call
Message


Chathuranga [CDA]
Mobile • +94 71 513 0676
Outgoing call
29 Apr, 10:58 am
SLTMobitel
2s
Outgoing call
29 Apr, 10:59 am
Dialog
Outgoing call
29 Apr, 11:00 am
SLTMobitel
Call
Video call
Message


18:57
Edit
L
Lushan Sir - CRI
message
mobile
video
1 May 2024
12:05 Incoming Call
2 minutes
Contact Photo & Poster
mobile RECENT
+94 (77) 650 8403
FaceTime
Notes
Favourites
Recents
Contacts
Keypad
Voicemail

Physical Meetings with Group Members

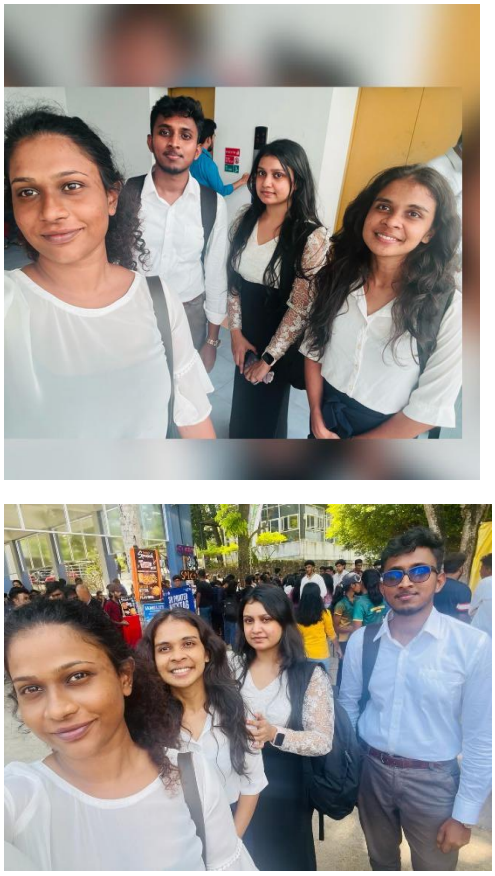


Figure 17 Physical meetings with team members

WhatsApp Group Creation

Figure 19WhatsApp Group Creation (1)

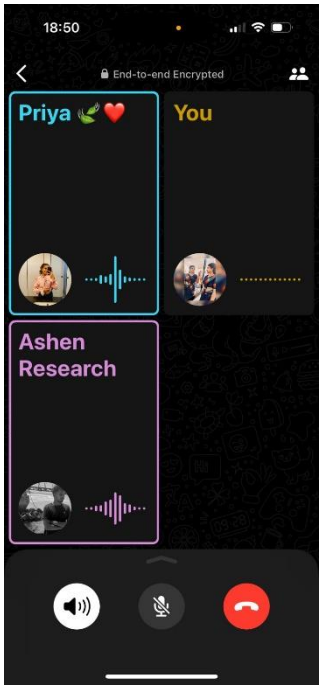


Figure 18WhatsApp Group Creation (2)

Figure 20WhatsApp Group Creation(3)

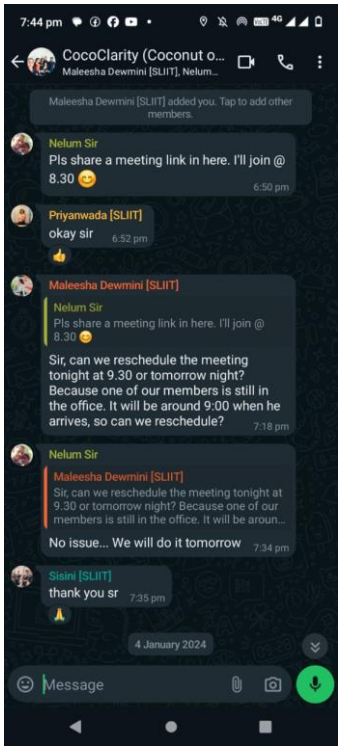


Figure 21WhatsApp Group Creation(4)

Project Timeline

A Gantt chart is a visual tool used in project management to show the timeline of a project. It displays the start and finish dates of the various elements of a project, such as tasks, milestones, and phases, as well as their dependencies.

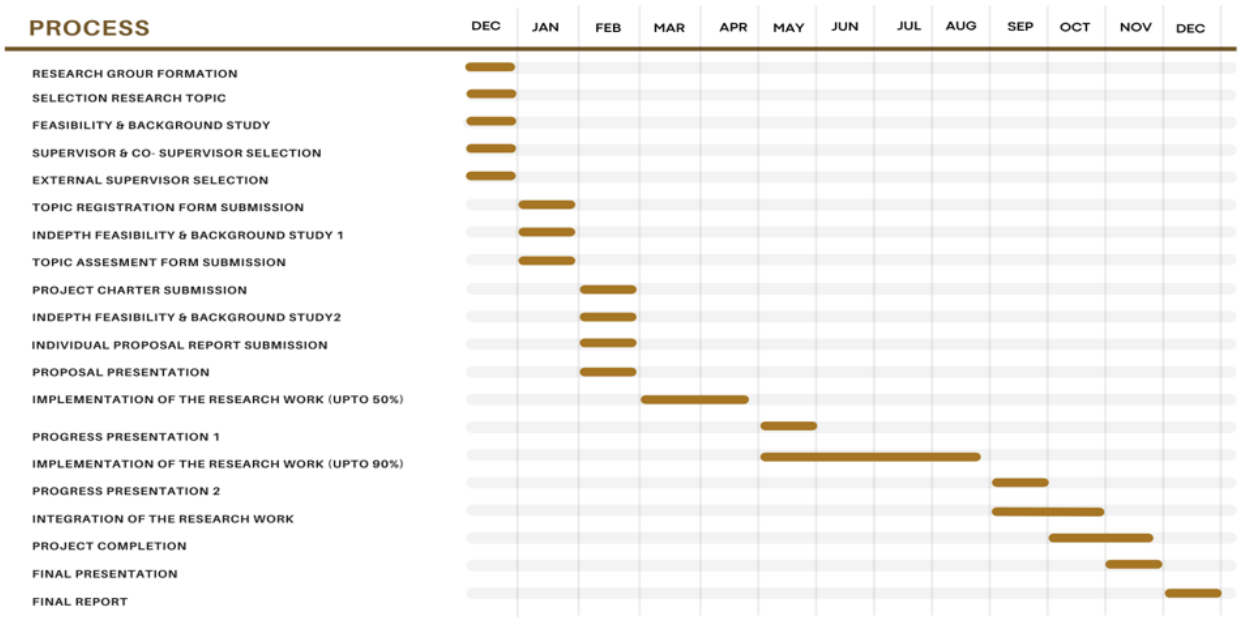


Figure 22: Gantt Chart

Work Break-Down

A work breakdown structure (WBS) is a structured breakdown of a project into smaller, more manageable parts. It is divided into distinct deliverables and tasks that help streamline project planning, execution and project management.

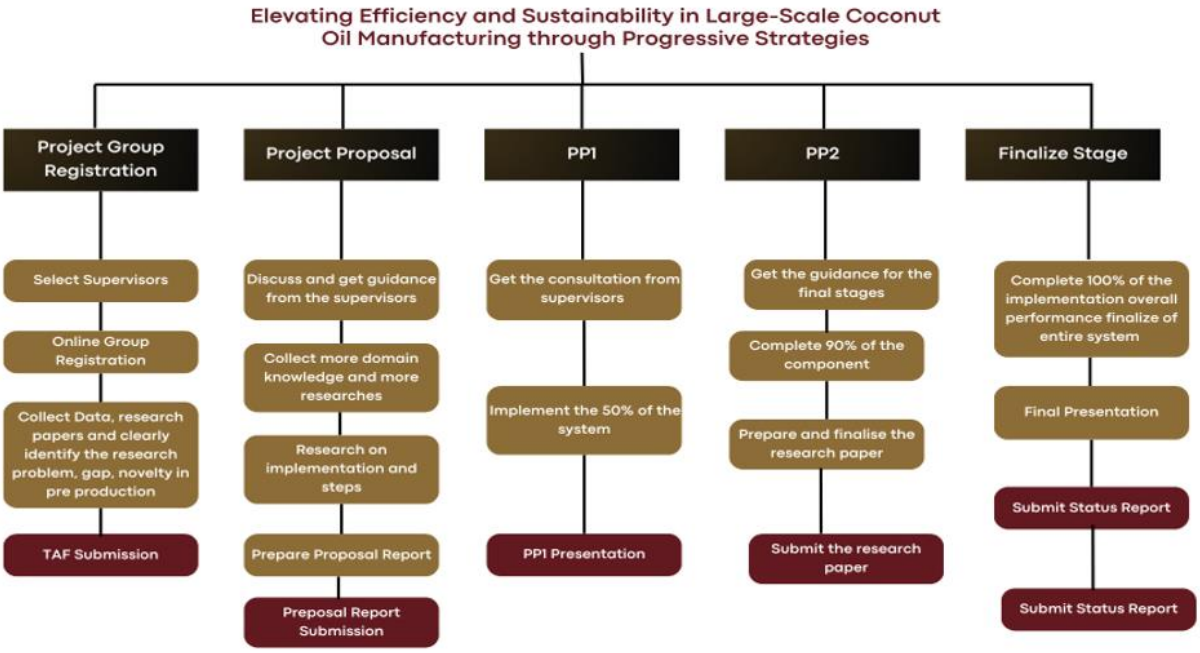


Figure 23 Work Break-Down