



**FITNESS-RELATED COACHING AND DIET PLANNING MOBILE
APPLICATION USING IMAGE PROCESSING AND MACHINE LEARNING**

R24-122

Status Document 1

BSc (Hons) in Information Technology Specializing in Information Technology

Department of Information Technology

Sri Lanka Institute of Information Technology

Sri Lanka

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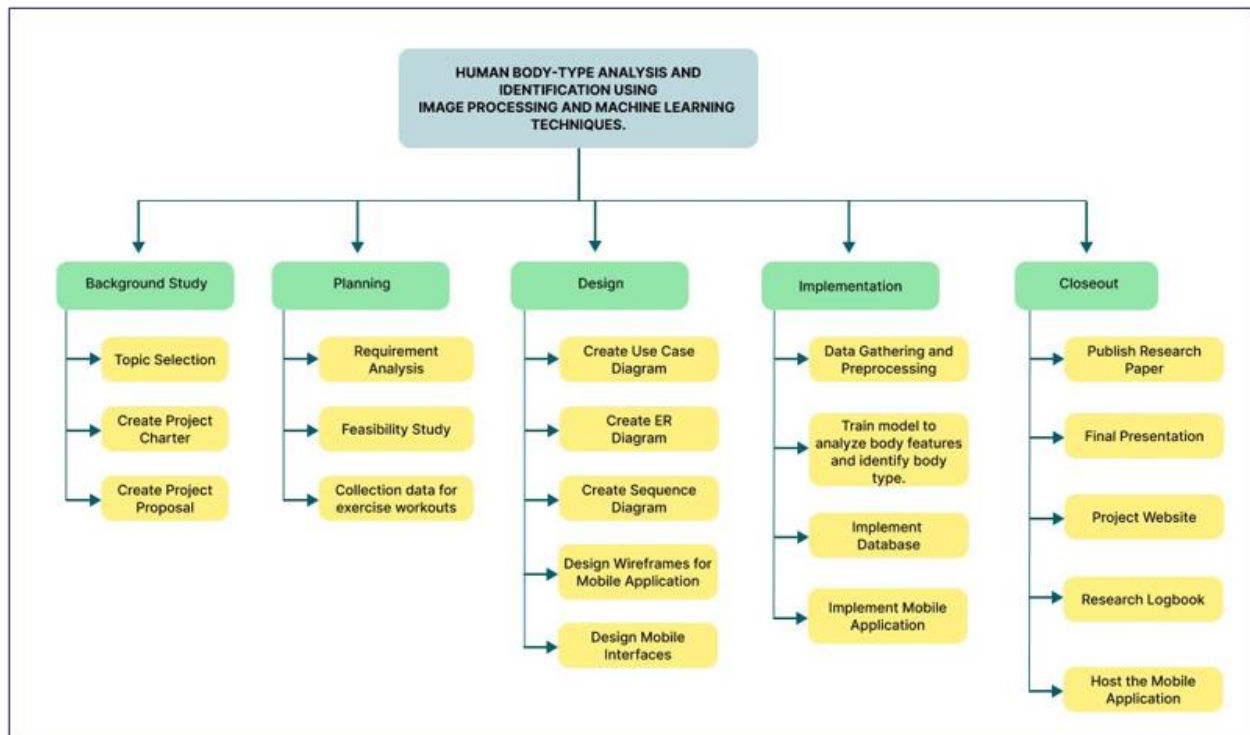
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Gantt Chart



Work Breakdown Structure



Completed Individual Component

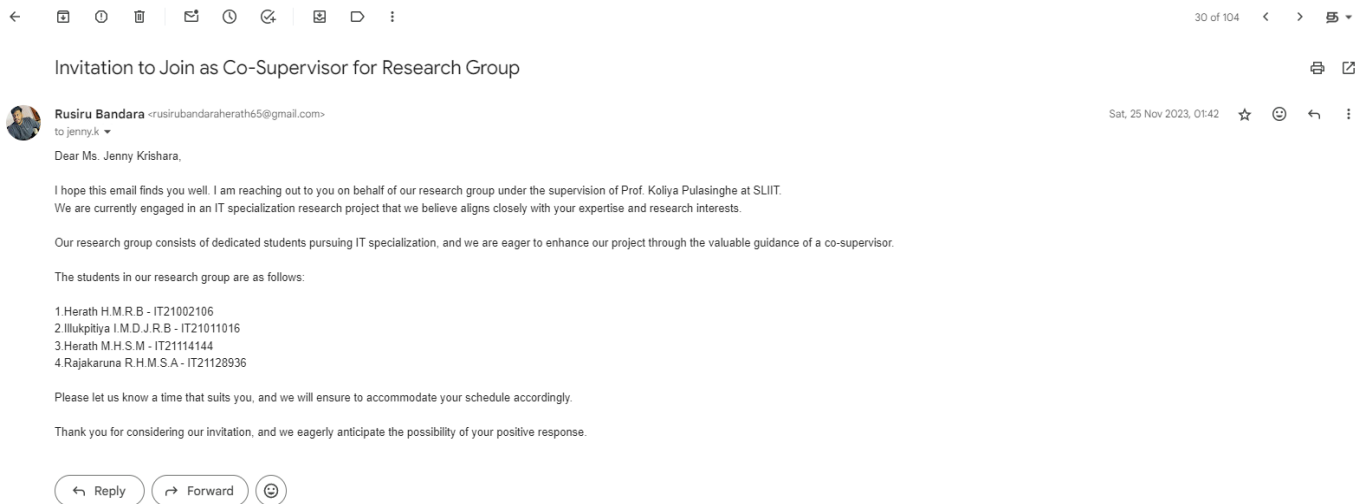
- Data Collection
- Preprocessing
- Trained model to identify Body-Types.
- Developed the CNN Algorithm to identify correct body type.

Documentation

- Proposal Document
- Status Document
- Logbook
- Draft Research paper

Emails

We reached out to a professor via email, asking them to take the position of our project co - supervisor.



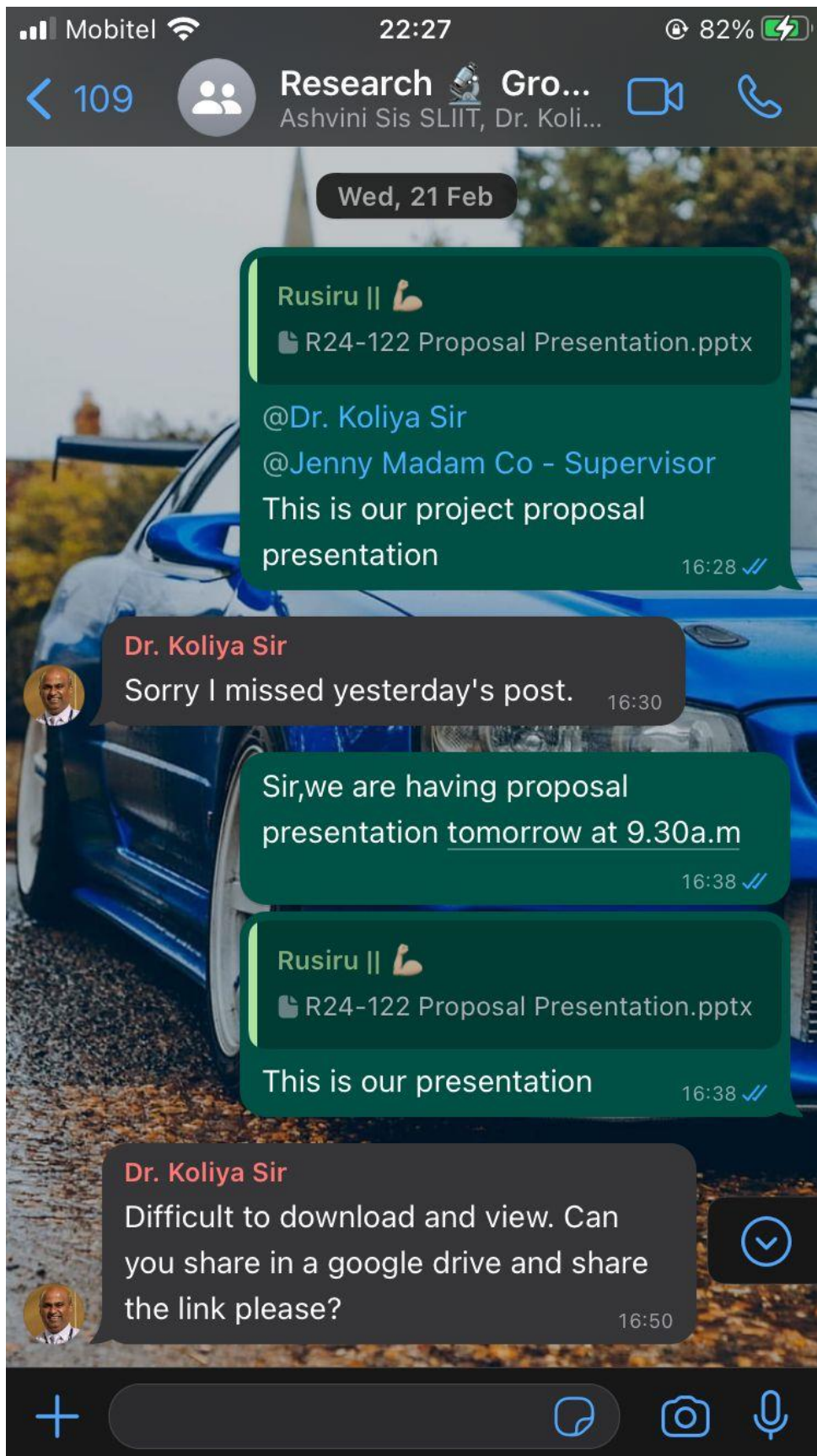
We asked prof. Koliya Pulasinghe to be the supervisor and Ms. Jenny Kishara to be the co-supervisor of our research project. Both of them accepted the request and asked to create a WhatsApp group with all four members.

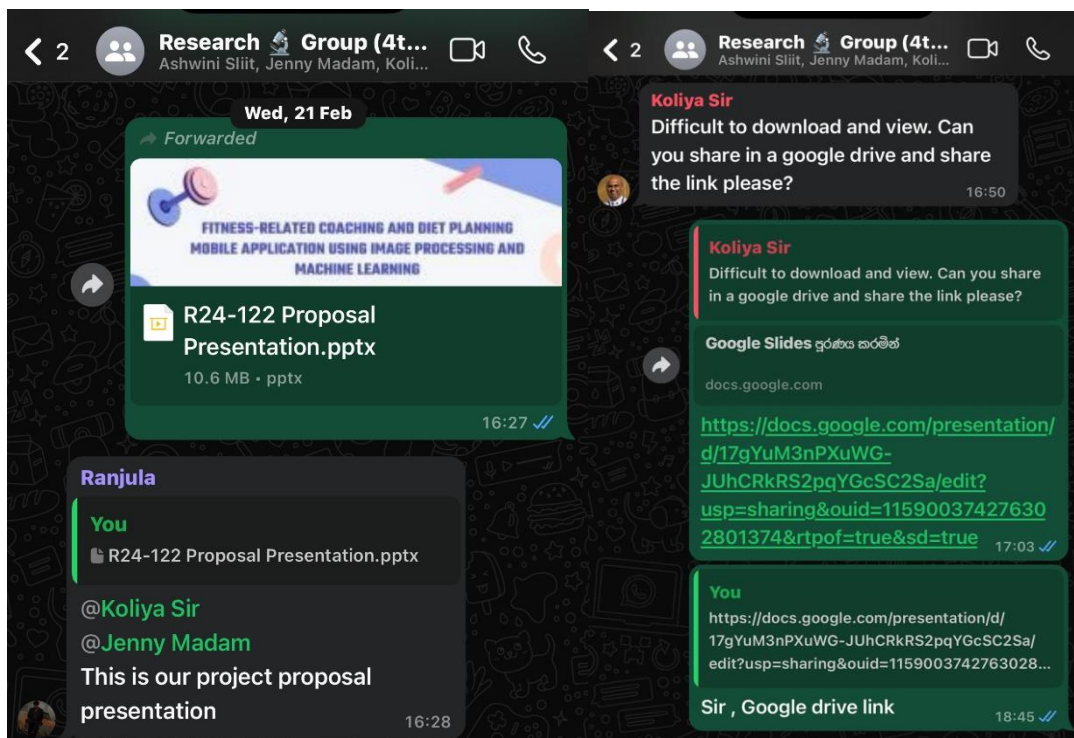
Physical Meeting



physical meeting with the supervisor – 23.02.204

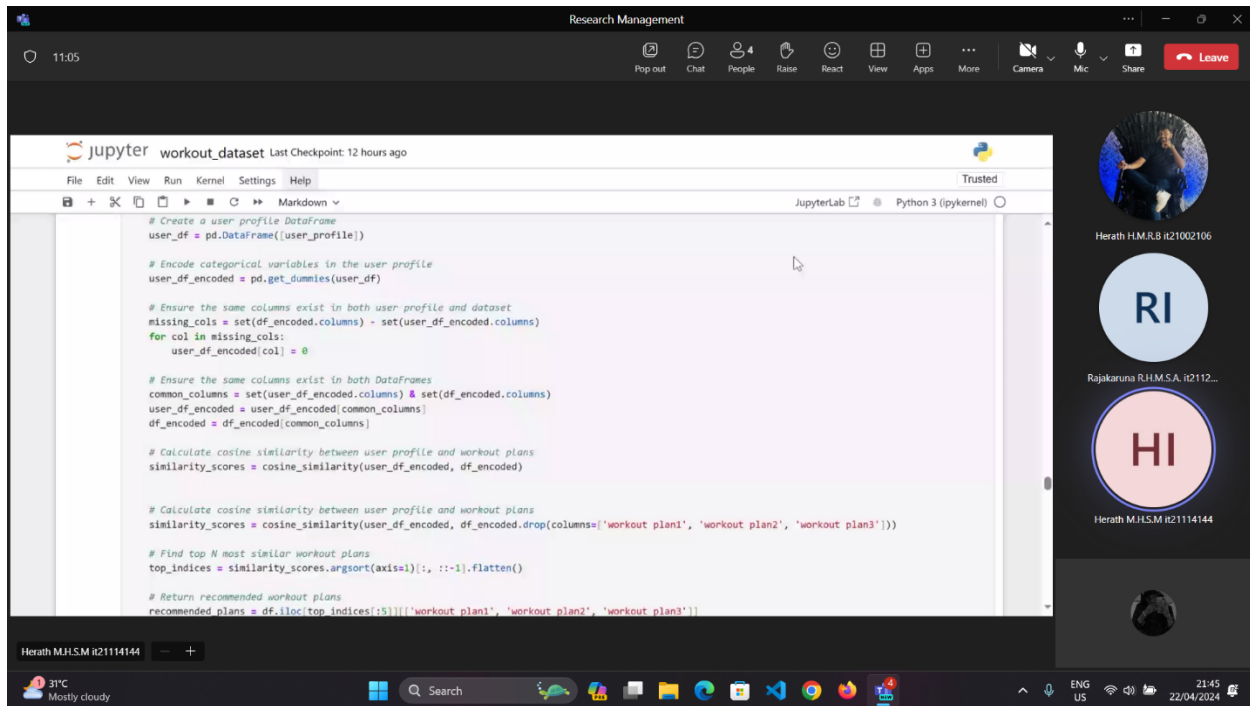
Screenshots of the chats in MS Teams & WhatsApp Group Chats





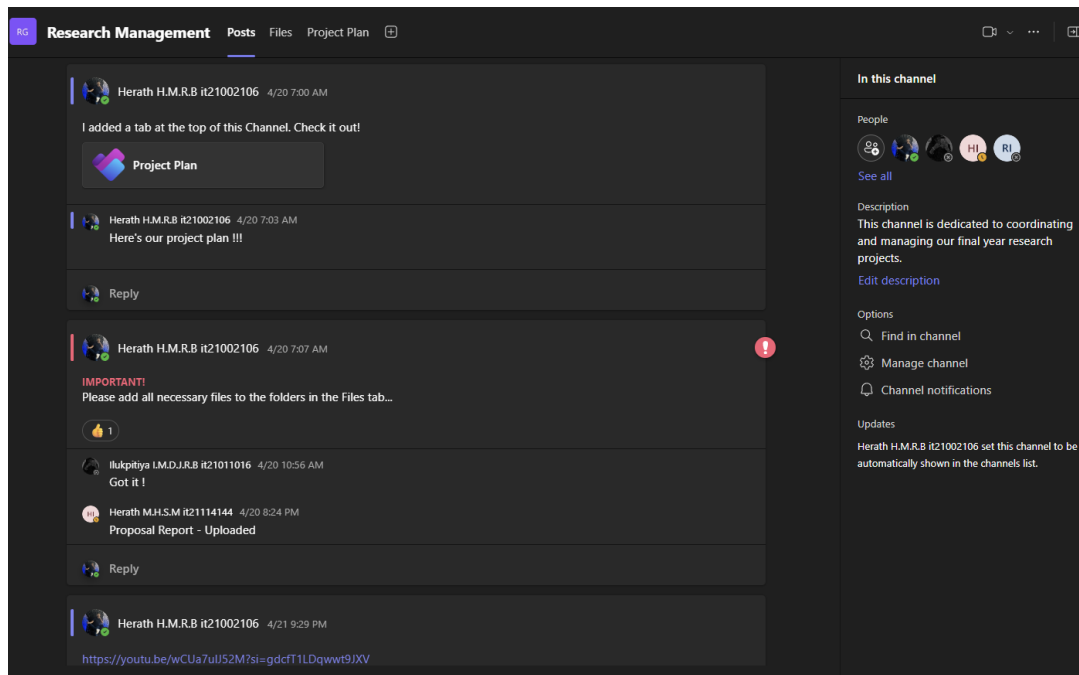
Reviewing our proposal report with both the supervisor and co-supervisor for feedback

Informing the supervisor about collection data

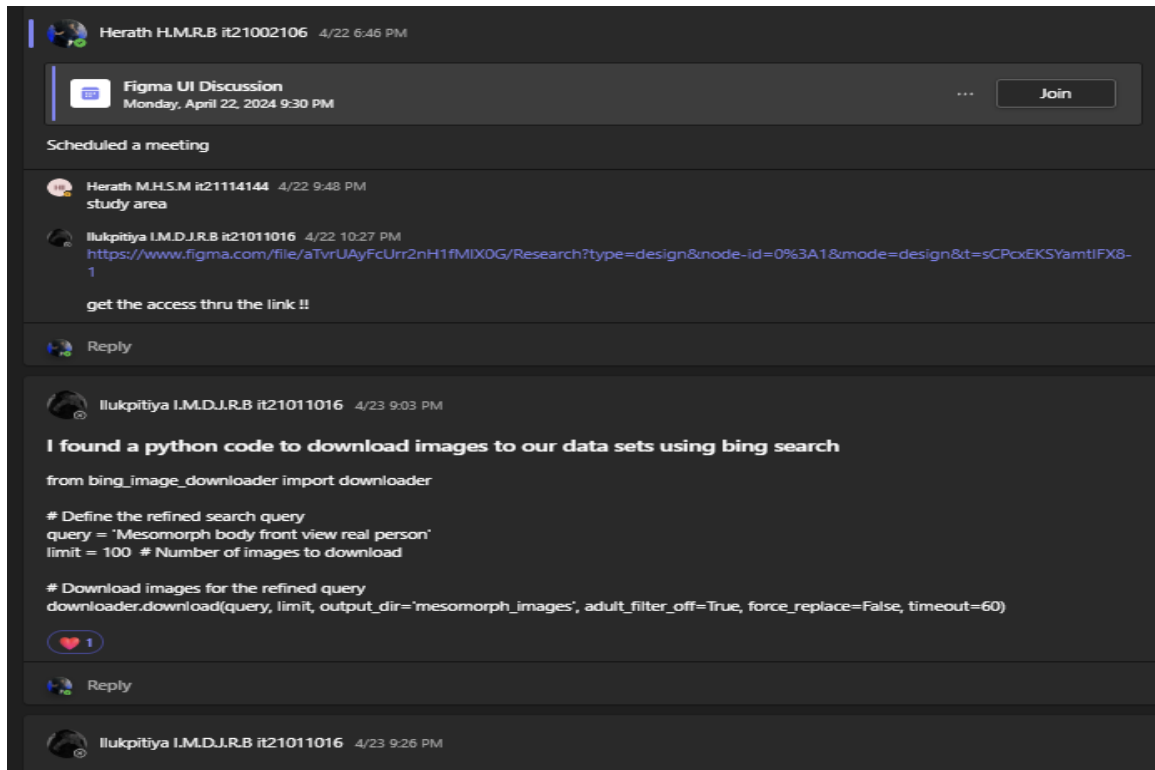


Team Channel in the MS Team

Chats in the MS Teams

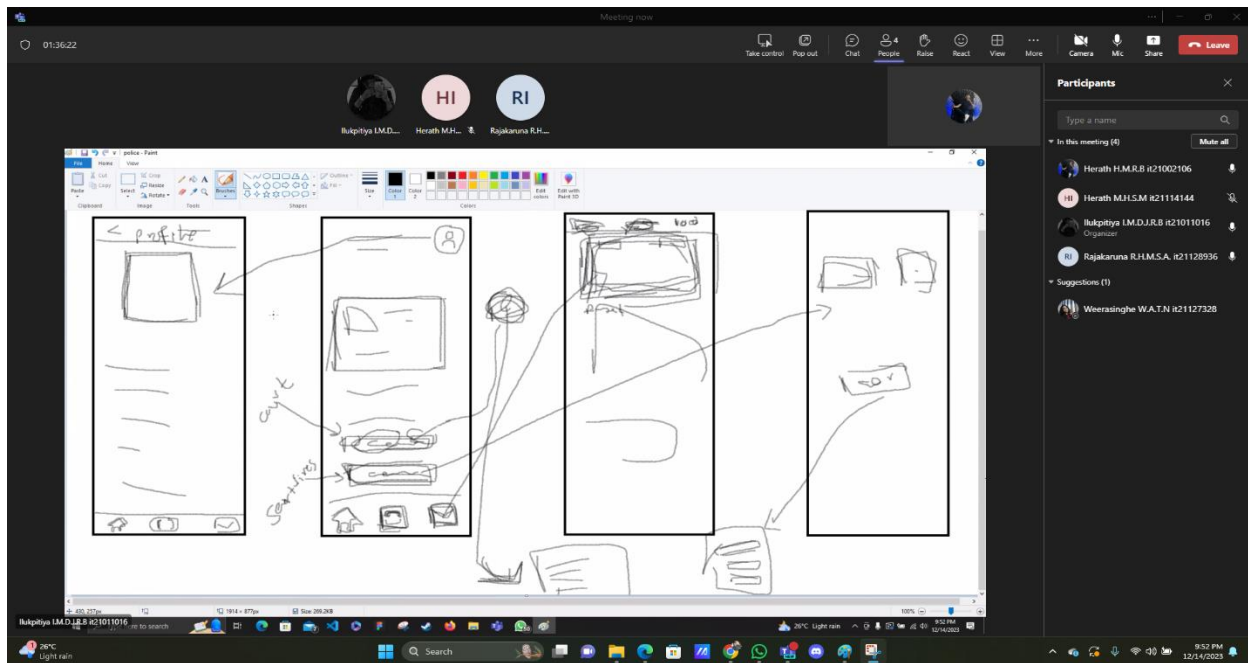


Chats in the MS Teams

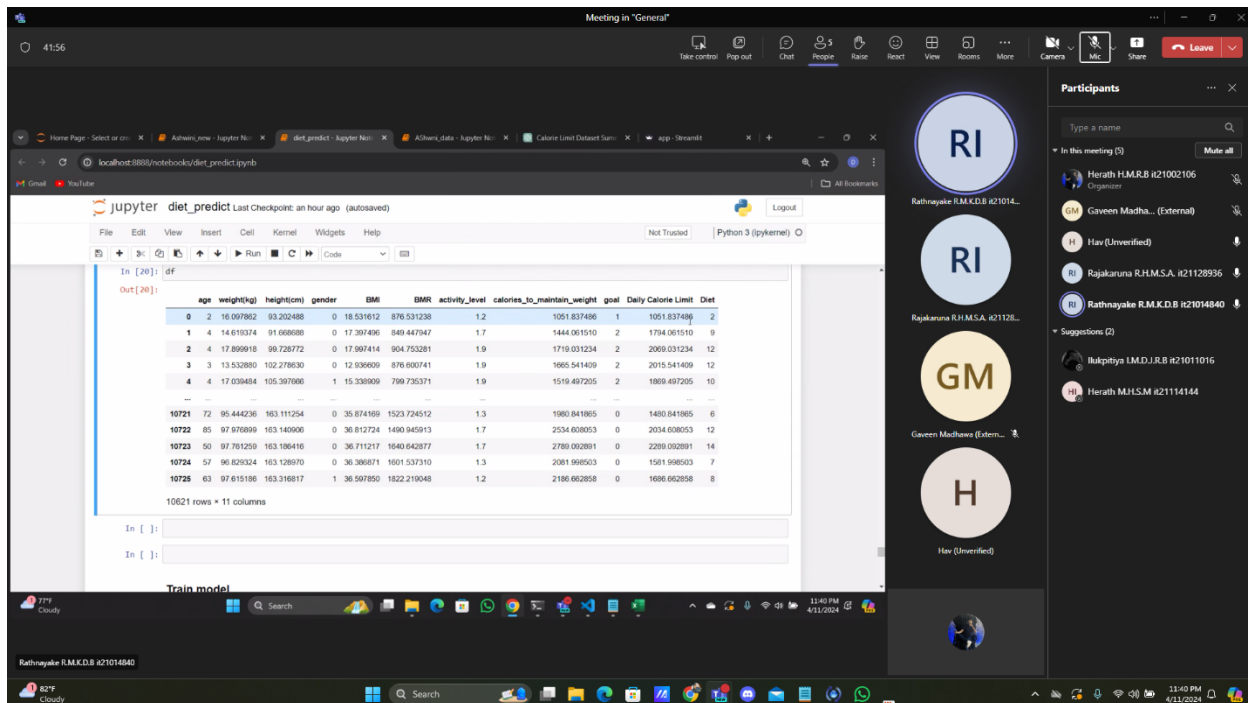


Chats in the MS Teams

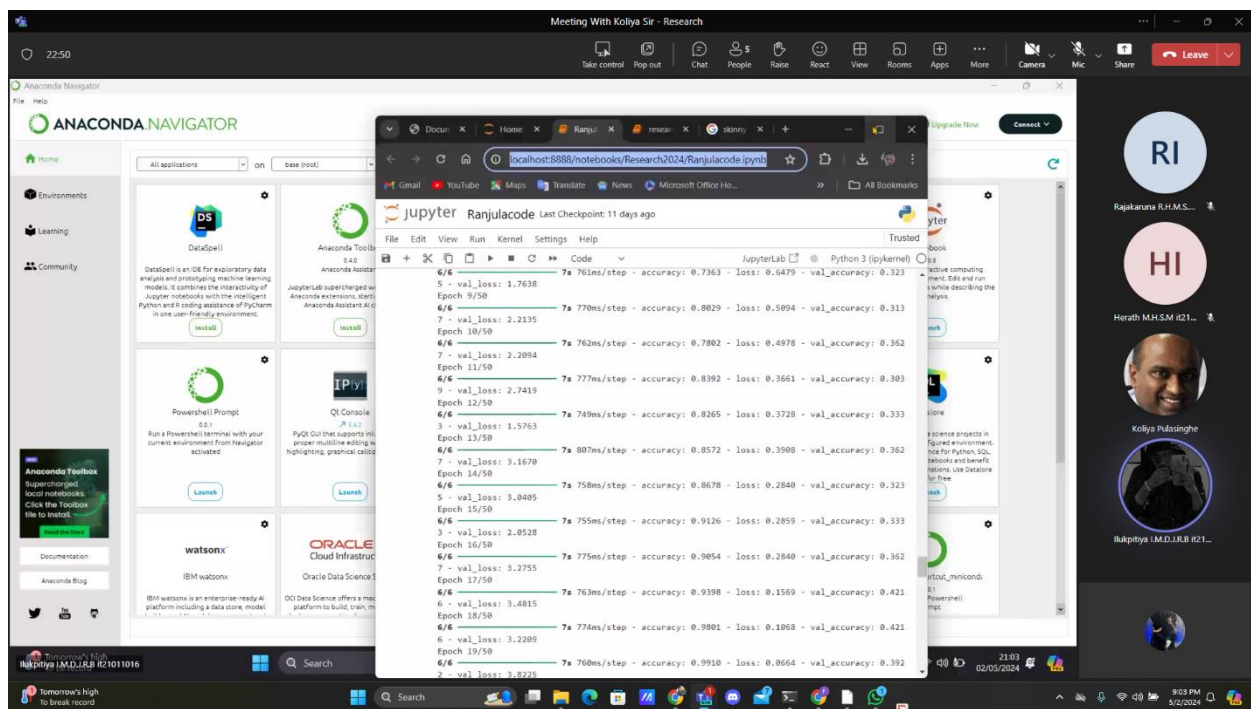
Screenshots of the calls in MS Teams



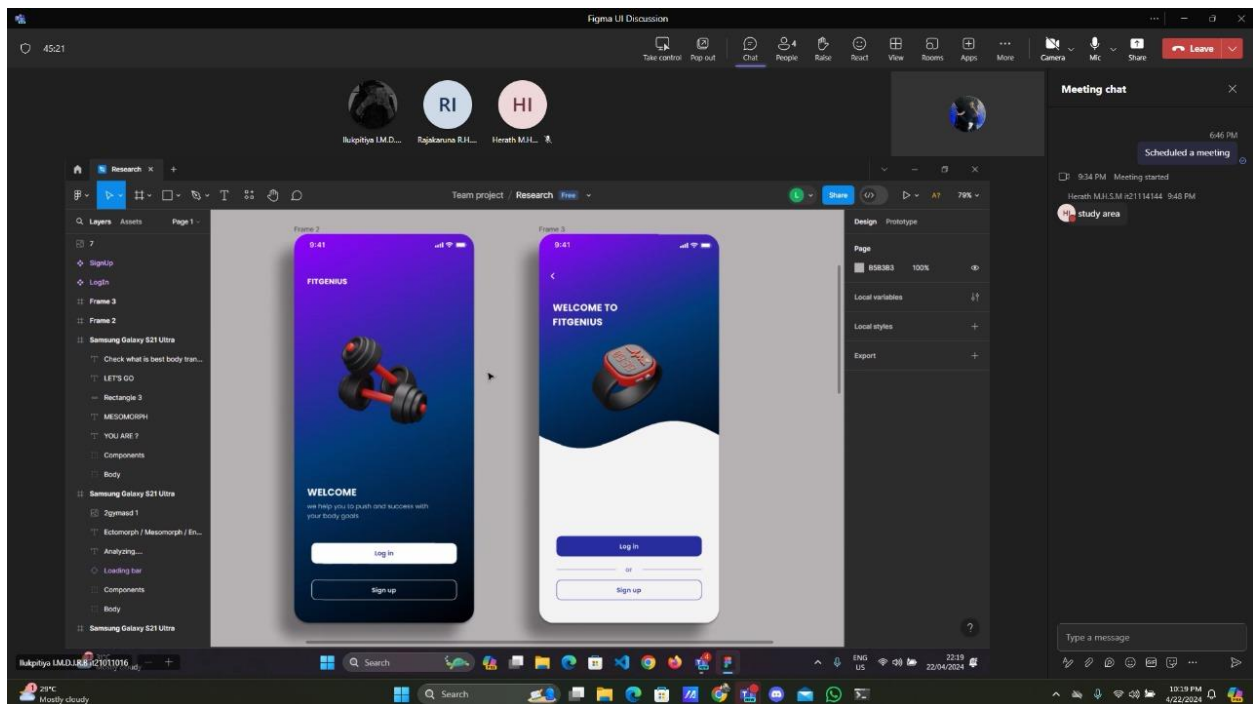
Online Meeting with team members through Microsoft Teams - 14.12.2023



Meeting with a senior graduate - 11.04.2024

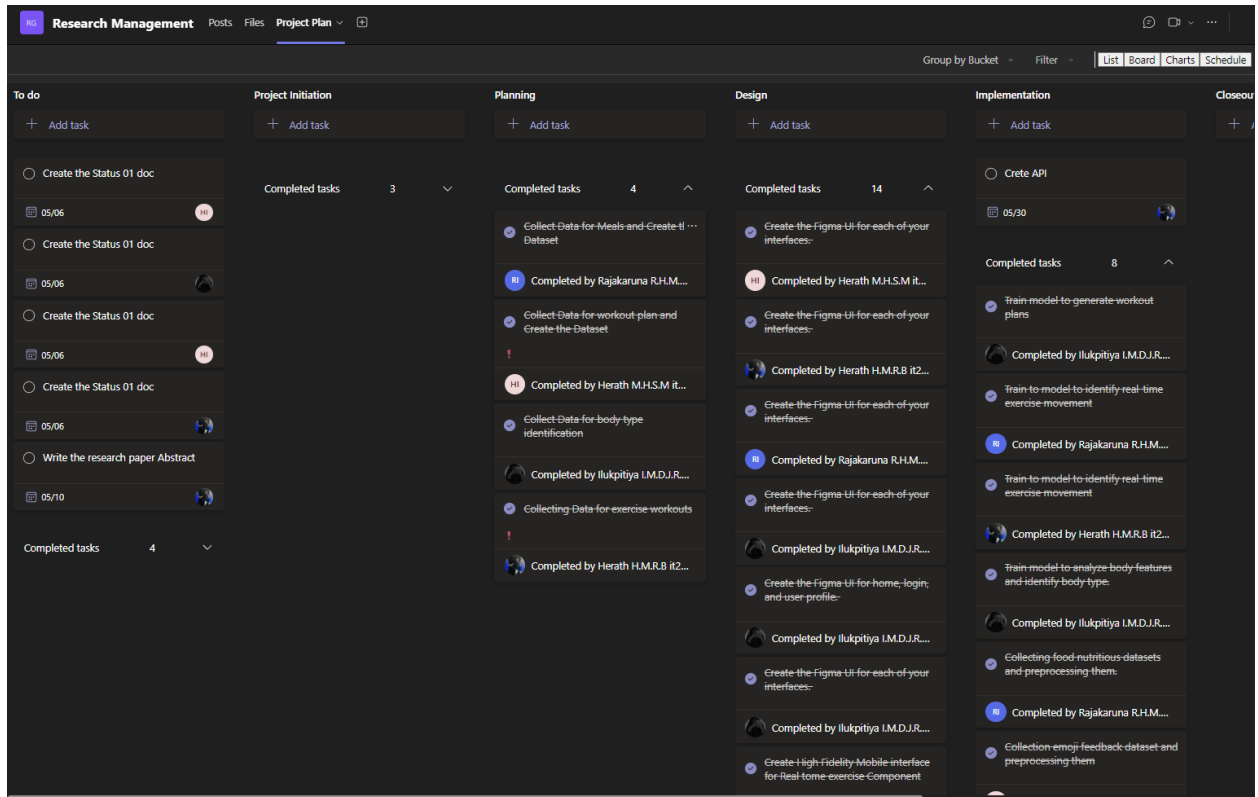


Meeting with the supervisor - 02.05.2024

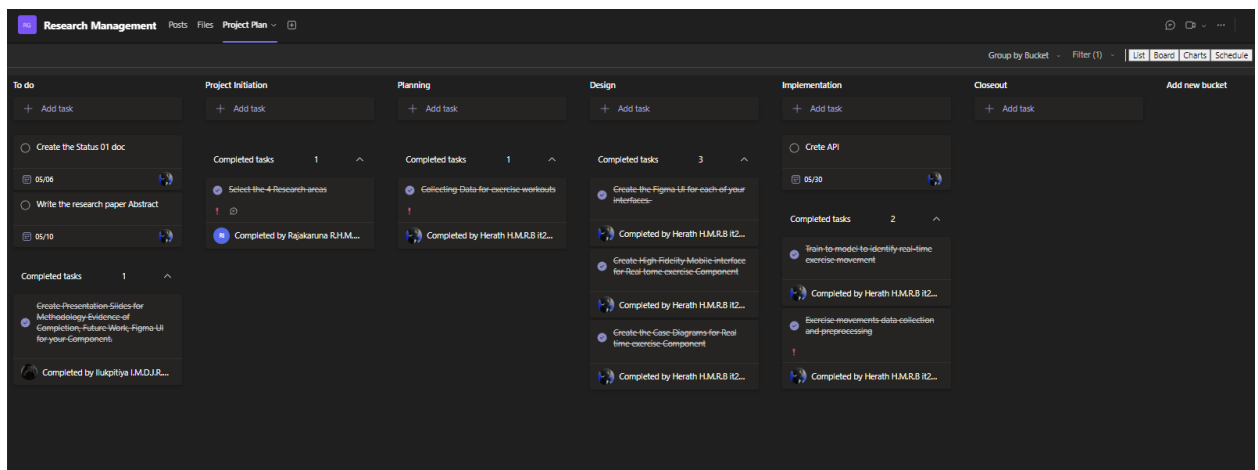


Online Meeting with team members through Microsoft Teams - 22.04.2024

Teams task planner

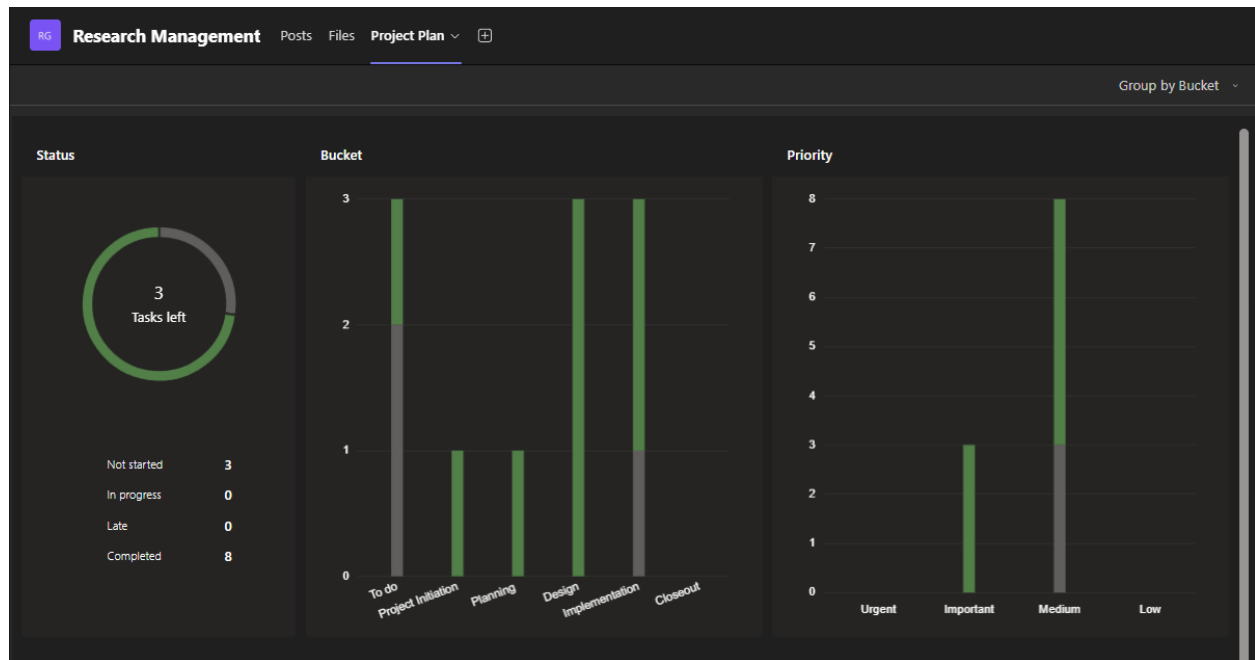


Teams task planner Dashboard

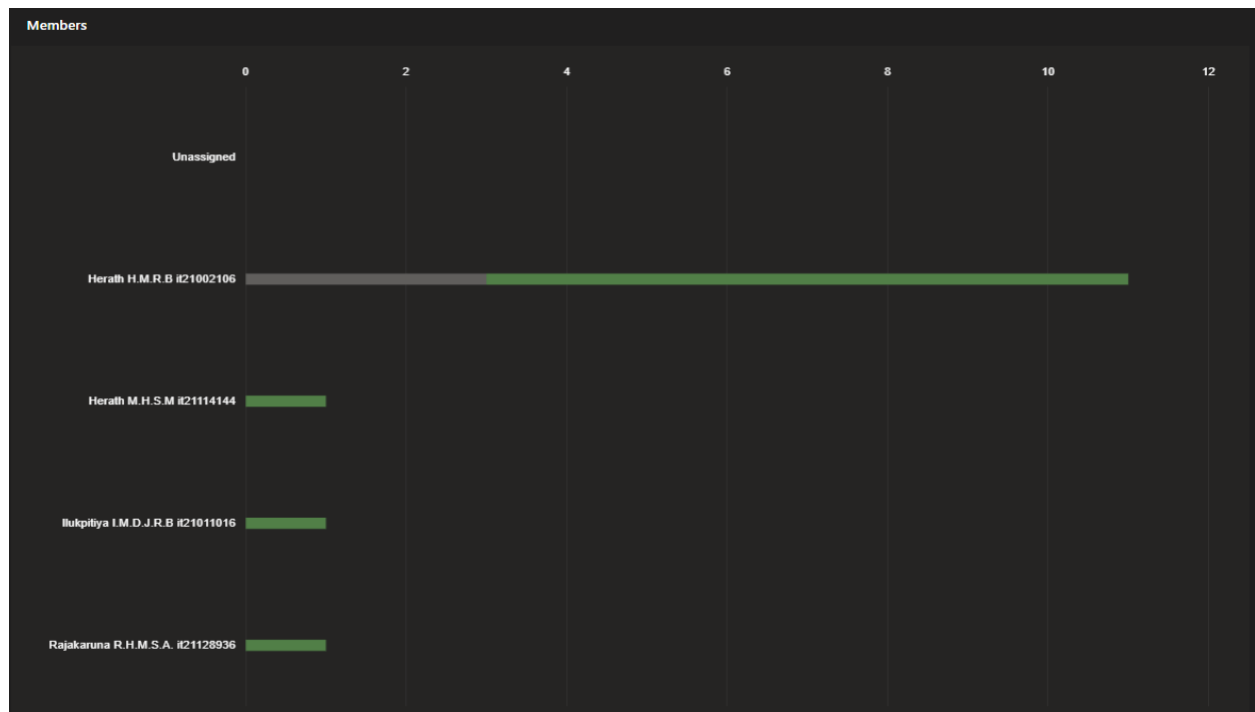


Teams task planner Dashboard – IT21011016

Teams Planner Charts



Teams' planner chart - IT21011016



Teams' planner chart - IT21011016