Train Detection & Alert System Status Document – 02



B.Sc. (Hons) Degree in Information Technology Specialized Information Technology

Department of Information Technology

Group: 23-302

Wijewardene L.L – IT20101824

Submission Date: 08/09/2023

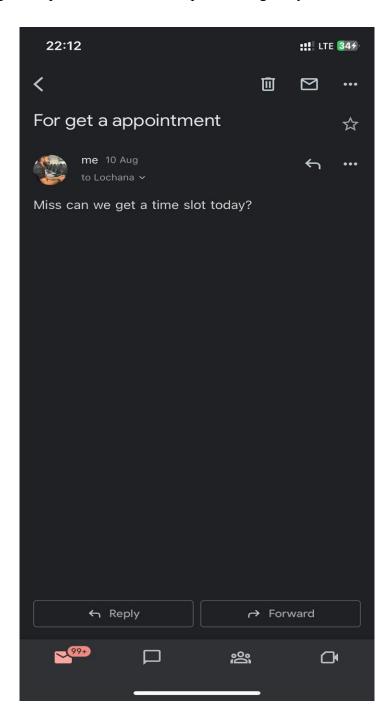
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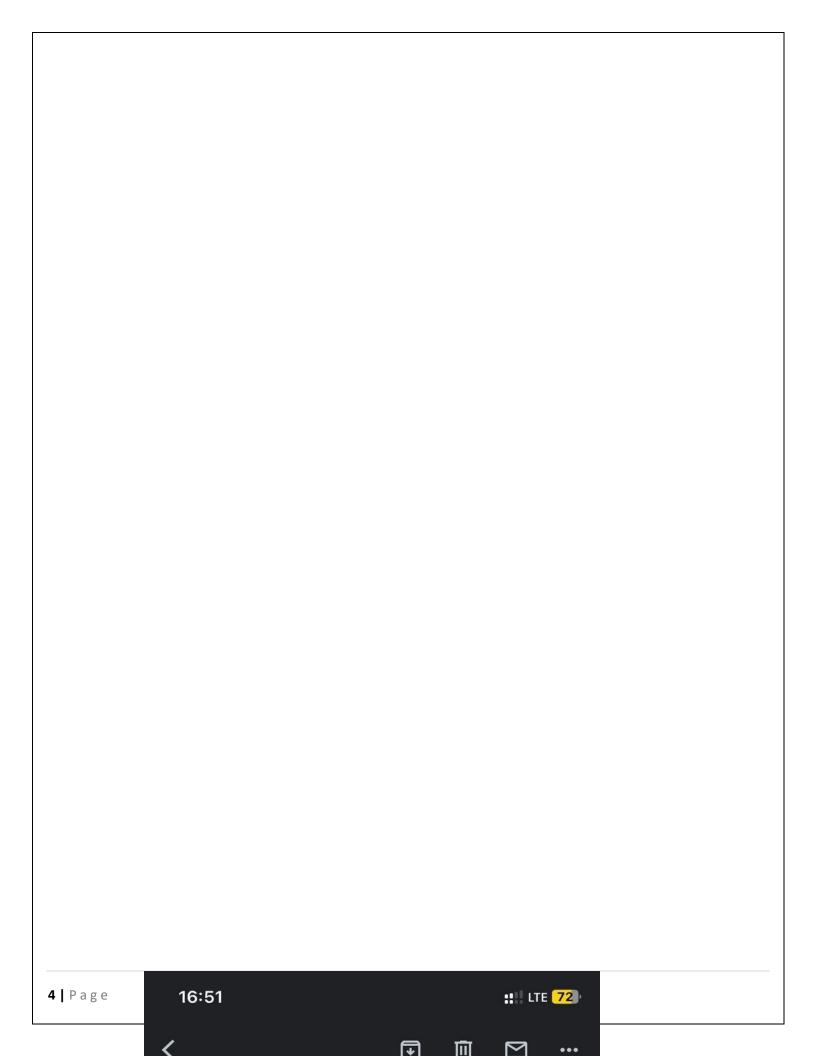
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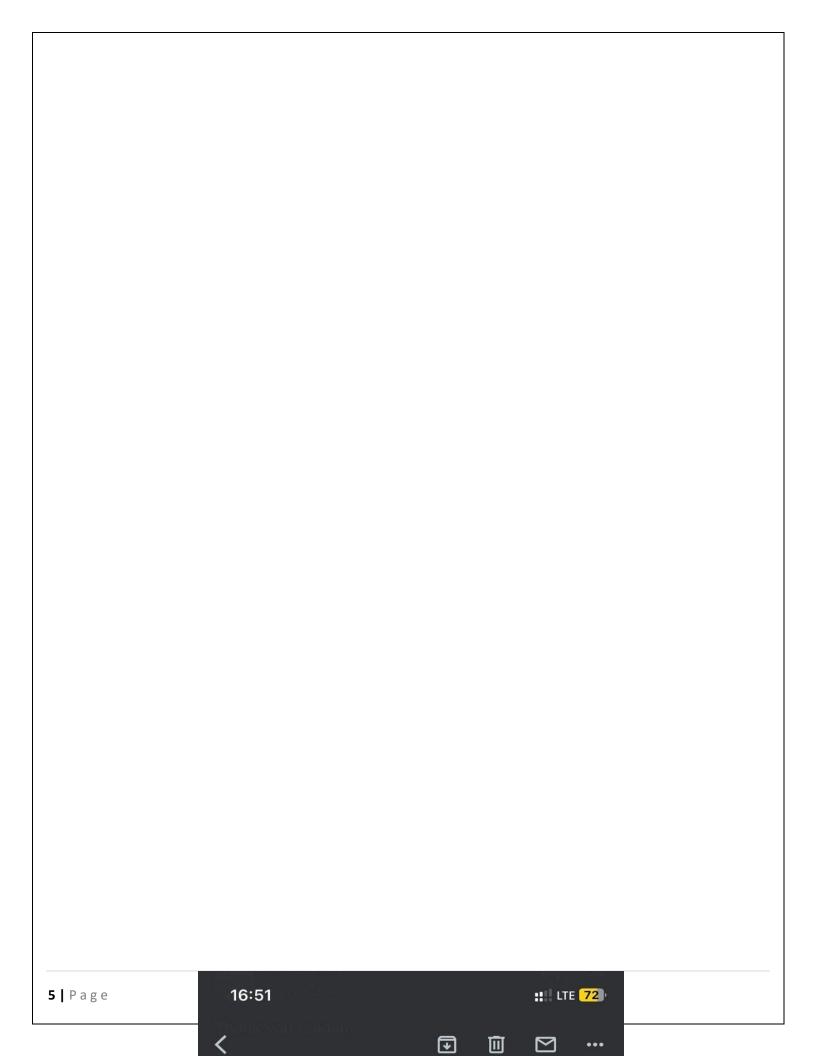
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01. Communication with Supervisors

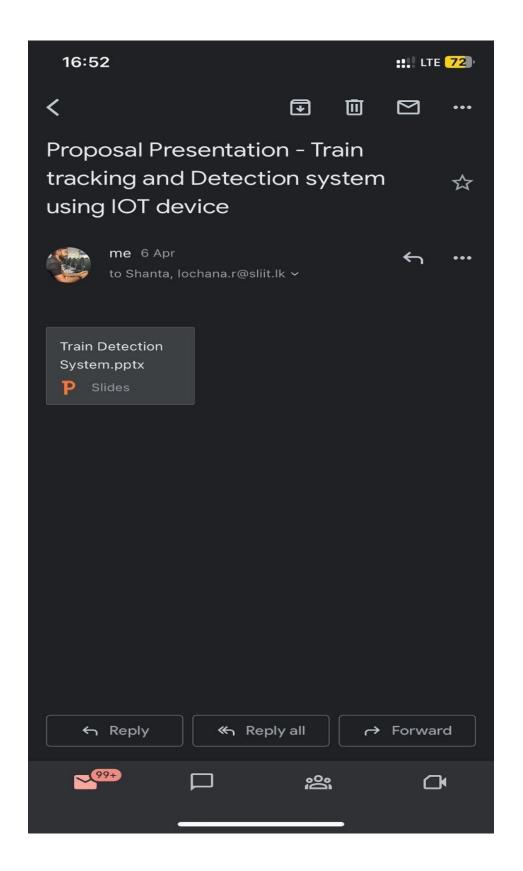
1.1. Visiting the Supervisor and the co-supervisor regularly.

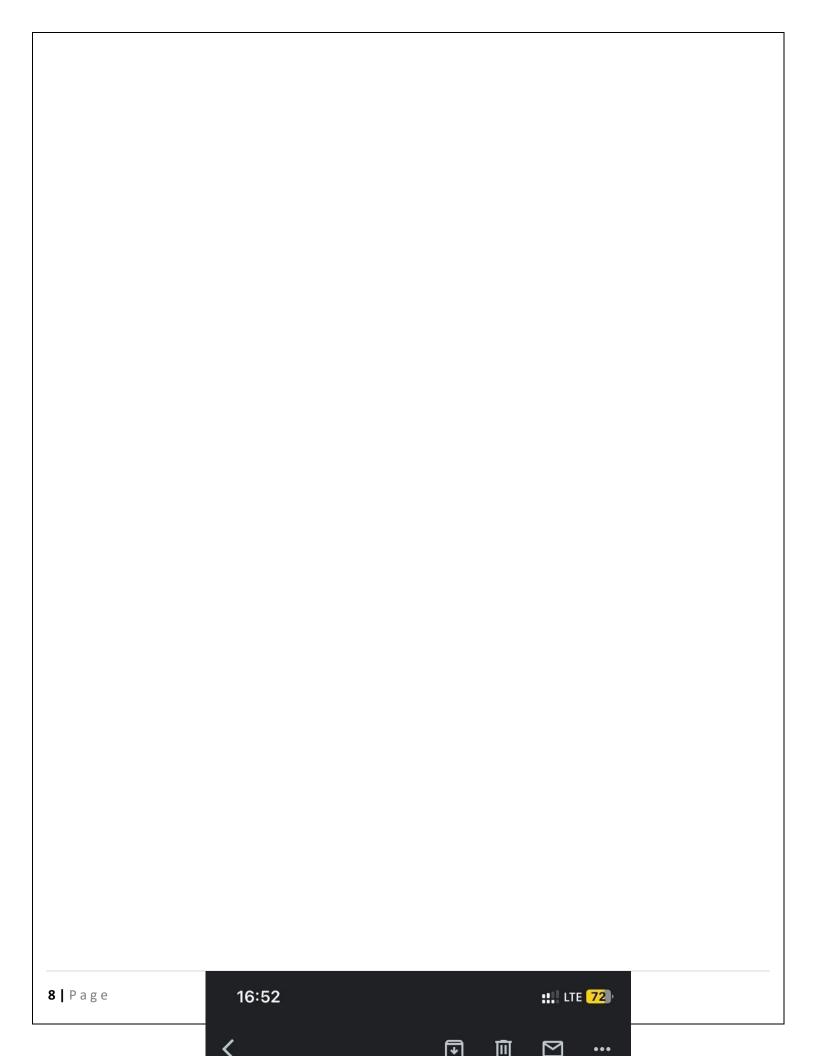




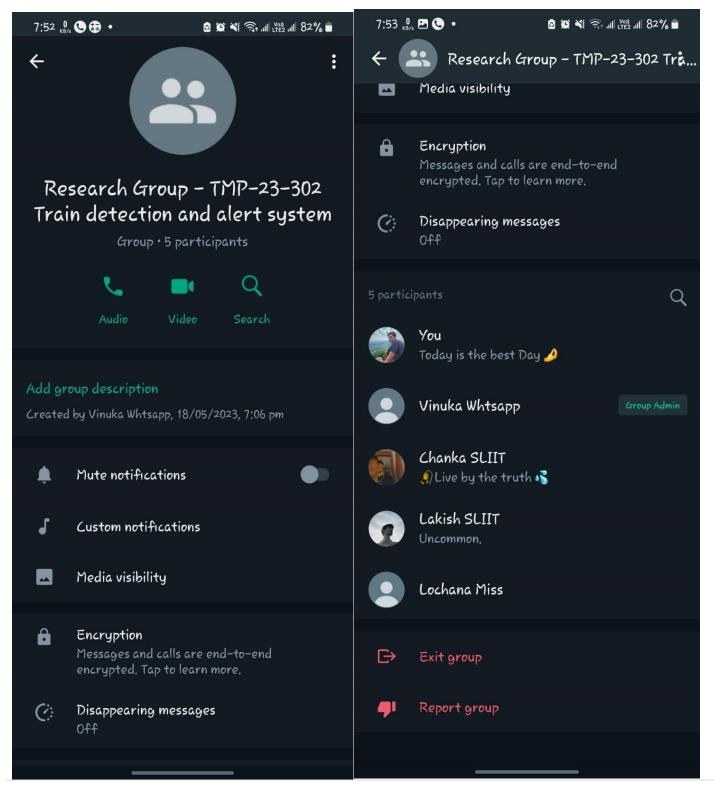


| 1.1. Sending research project-related files to the Supervisor and Co-supervisor | | | | | | |
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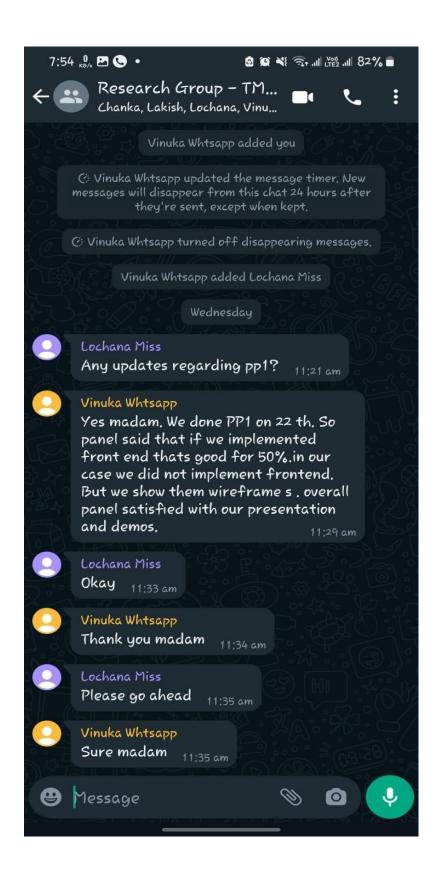




1.2. Create a WhatsApp Group with supervisor and co-supervisor

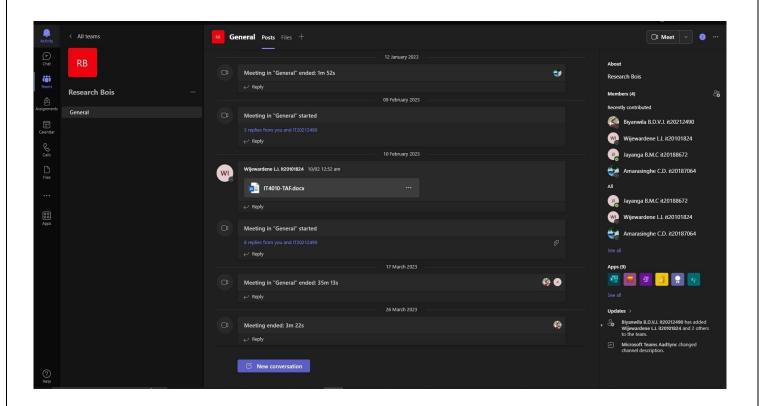


| 1.3. Share ideas with supervisor through WhatsApp chats. | |
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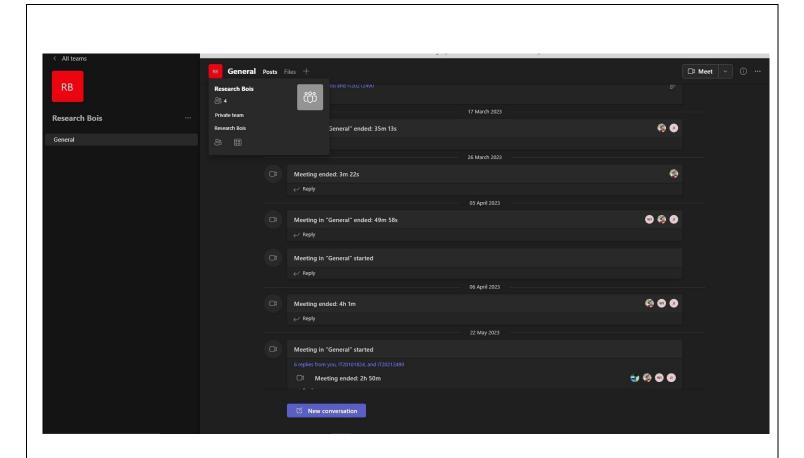


2. Research Group

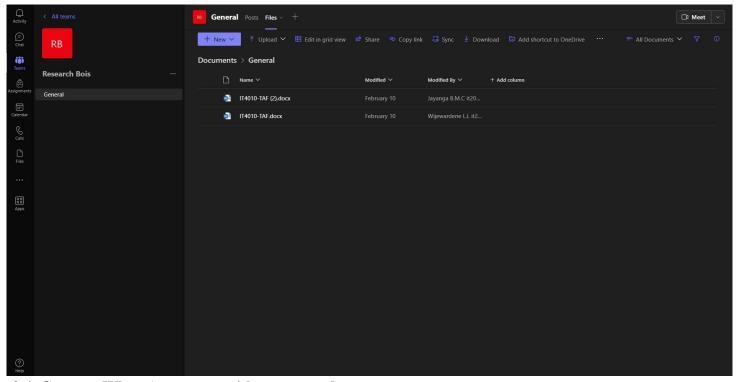
2.1. Create a MS team group with team members.



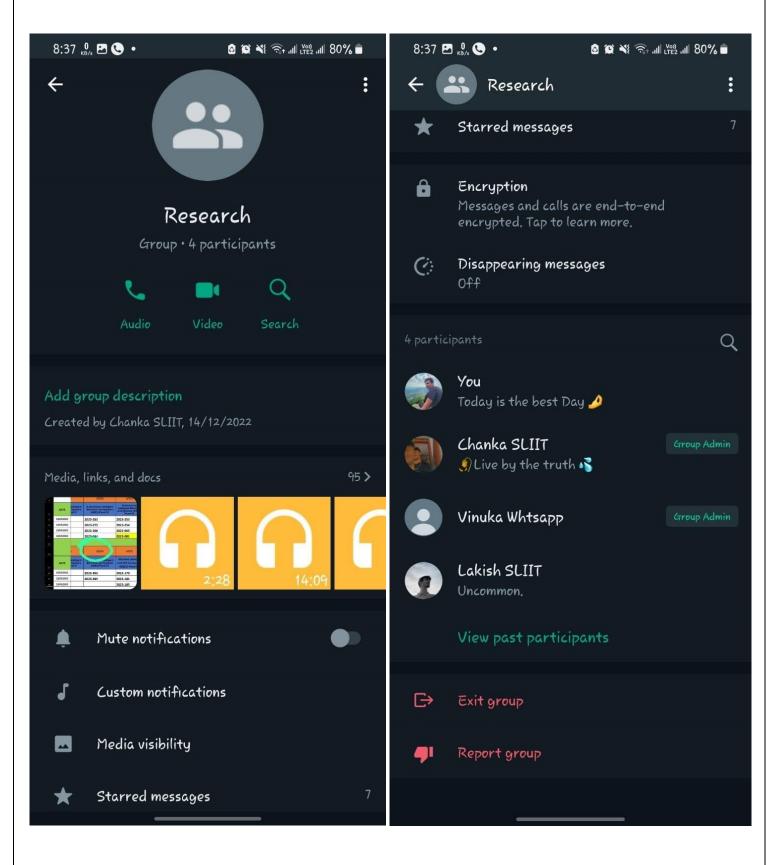
2.2. MS teams meetings with members.



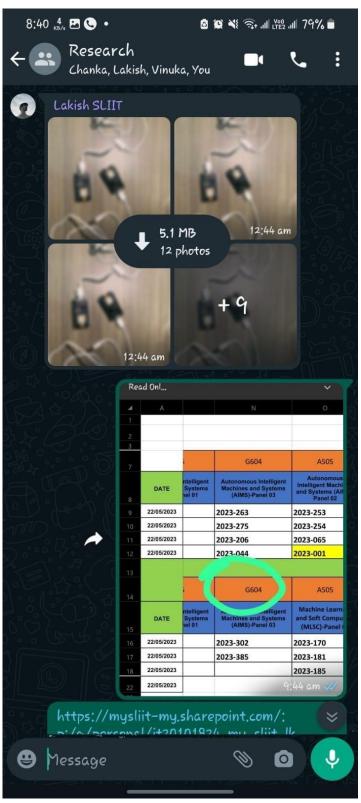
2.3. MS teams files



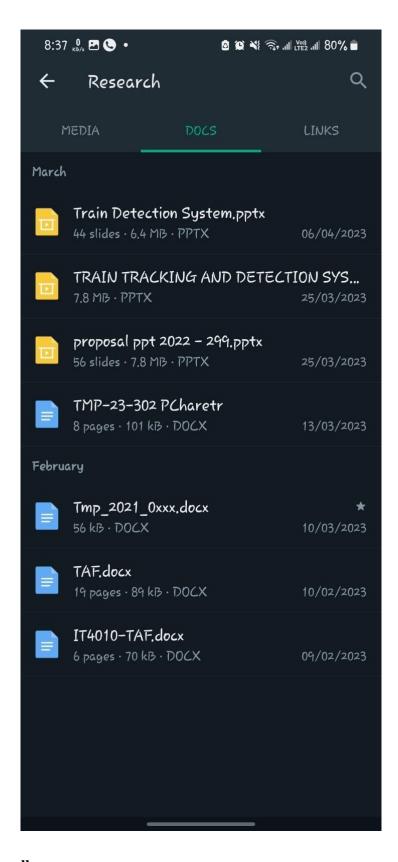
2.4. Create a WhatsApp group with team members.



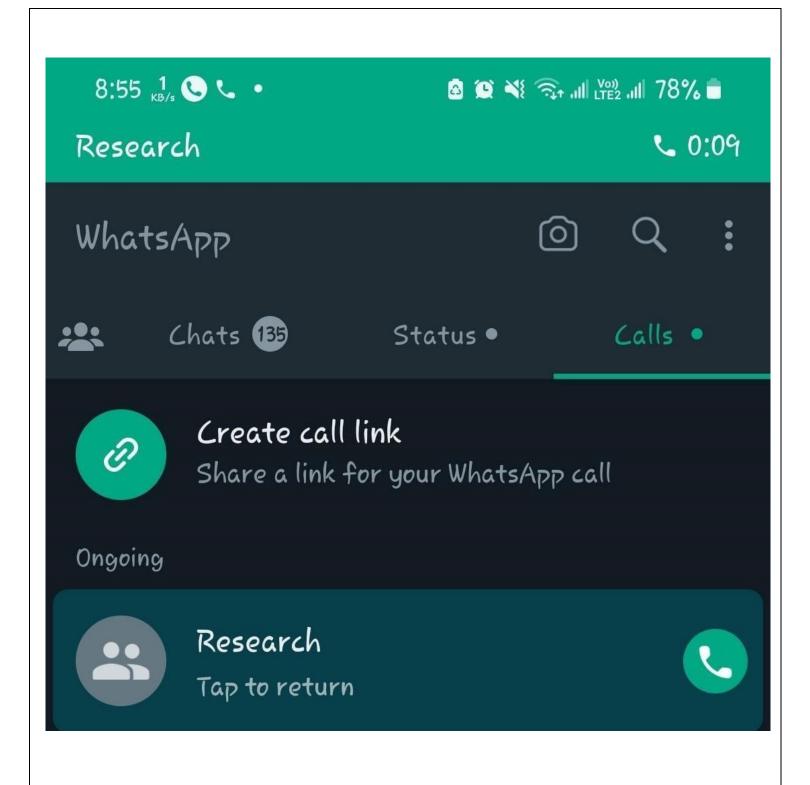
2.5. Chat in WhatsApp group with group members



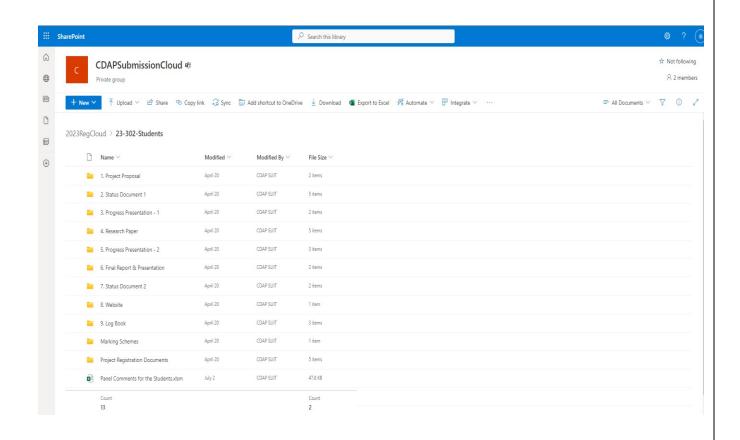
2.6. Files shared in WhatsApp group with group members



2.7. WhatsApp group calls.



3. Update CDAP Cloud Submissions



02. Completion of 90% of the research project

02.1. Arduino Code for Sending the Messages

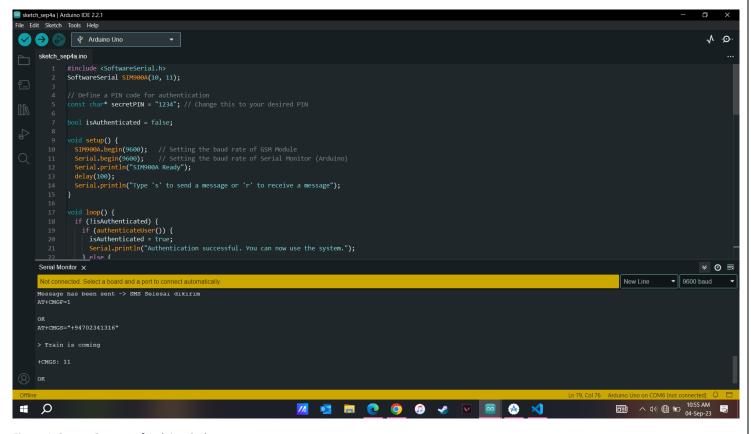


Figure 1: Screen Capture of Arduino Code

02.2.Arduino Code for Sending the Messages

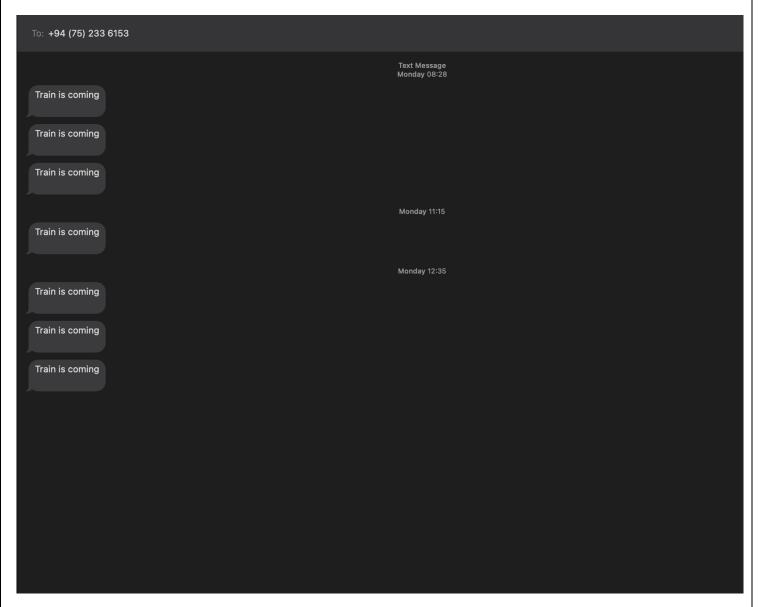


Figure 2: Screen Capture of End-Result of Receiving the Message for End-User

02.3.IOT Devices used for the system

