

Train Detection & Alert System

Status Document – 01



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

Department of Information Technology

Group: 23-302

Wijewardene L.L – IT20101824

Submission Date :26/05/2023

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1. Communication with Supervisors

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



16:51

LTE 72



Re: For Research Progress Meeting

Inbox



Lochana Rajamanthri 24 May

to me ▾



Dear Vihan,

Come and meet me at 9.30 am.

Best Regards,
Lochana Rajamanthri

Lecturer| SLIIT Business School | SLIIT |
www.sliit.lk/business <<http://www.sliit.lk/business>>

Phone: +94(0)11 754 4801 - Ext 4614 | Email:
lochana.r@sliit.lk

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<<https://twitter.com/sliitbusiness>> [cid:a3a1ef60-5cde-4fb5-9e86-9e82f00f0e45]
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</>



16:51

LTE 72

Thank you madam



Lochana Rajamanthri 24 May

to me ▾



Dear Vihan,

Tomorrow I will be a little bit late to come to the office. So please come around 1.30 pm.

Thank you.

Best Regards,
Lochana Rajamanthri

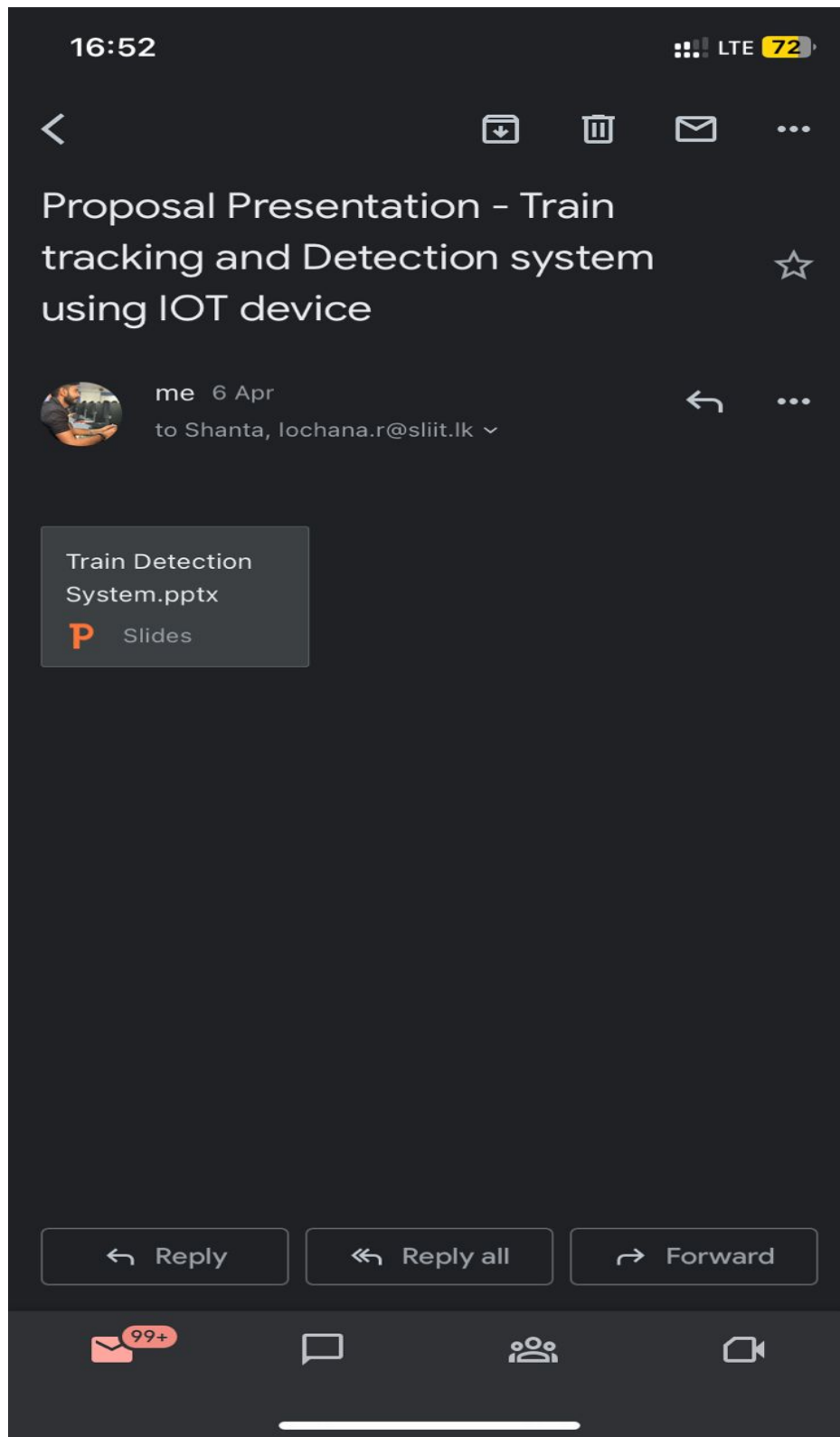
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1.2. Sending research project-related files to the Supervisor and Co-supervisor



16:52

LTE 72



Train Tracking and Detection System for Citizens



me 14 Mar

to Shanta, lochana.r@sliit.lk



Train Tracking
and Detection S...



zip

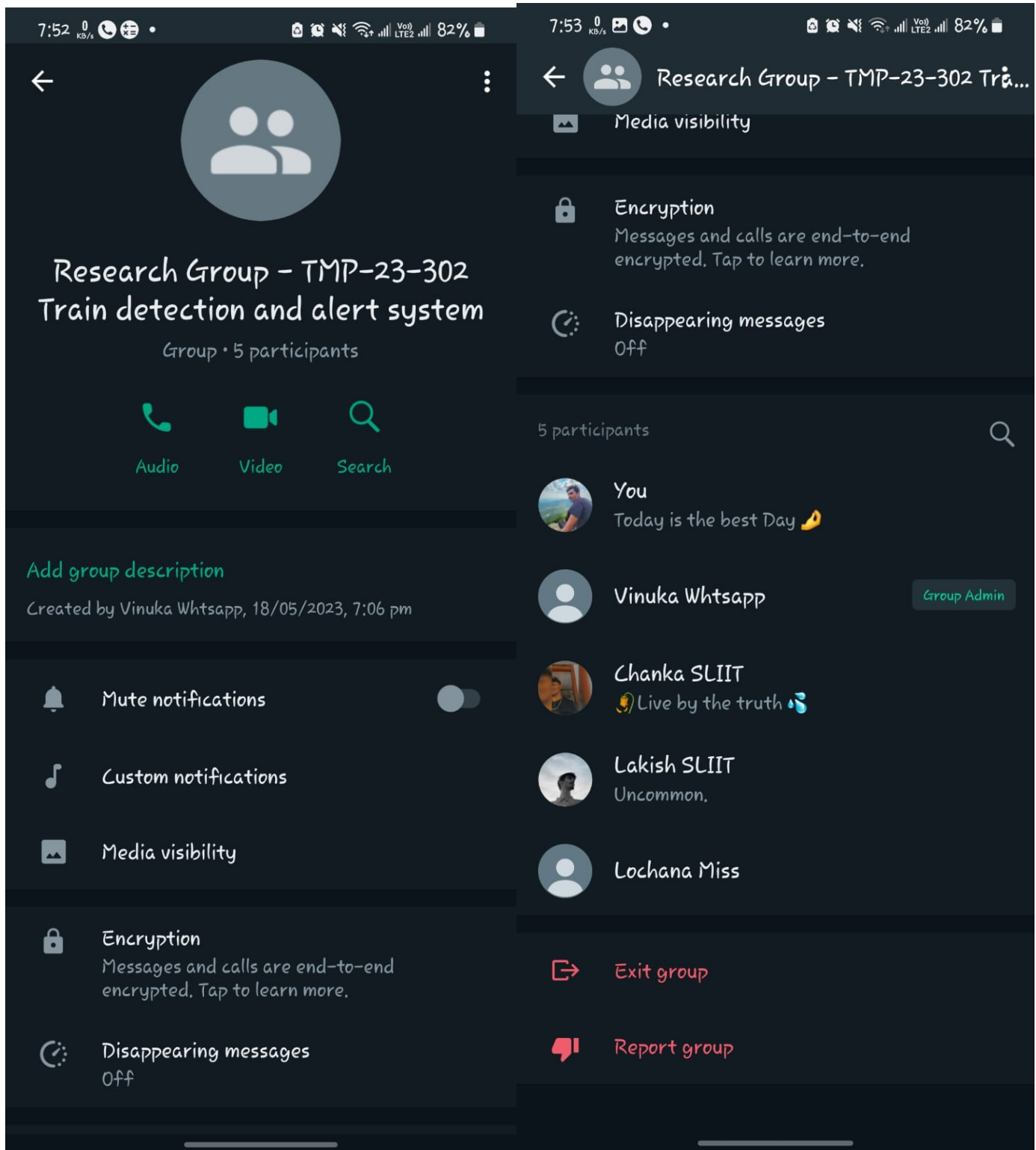
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Reply all

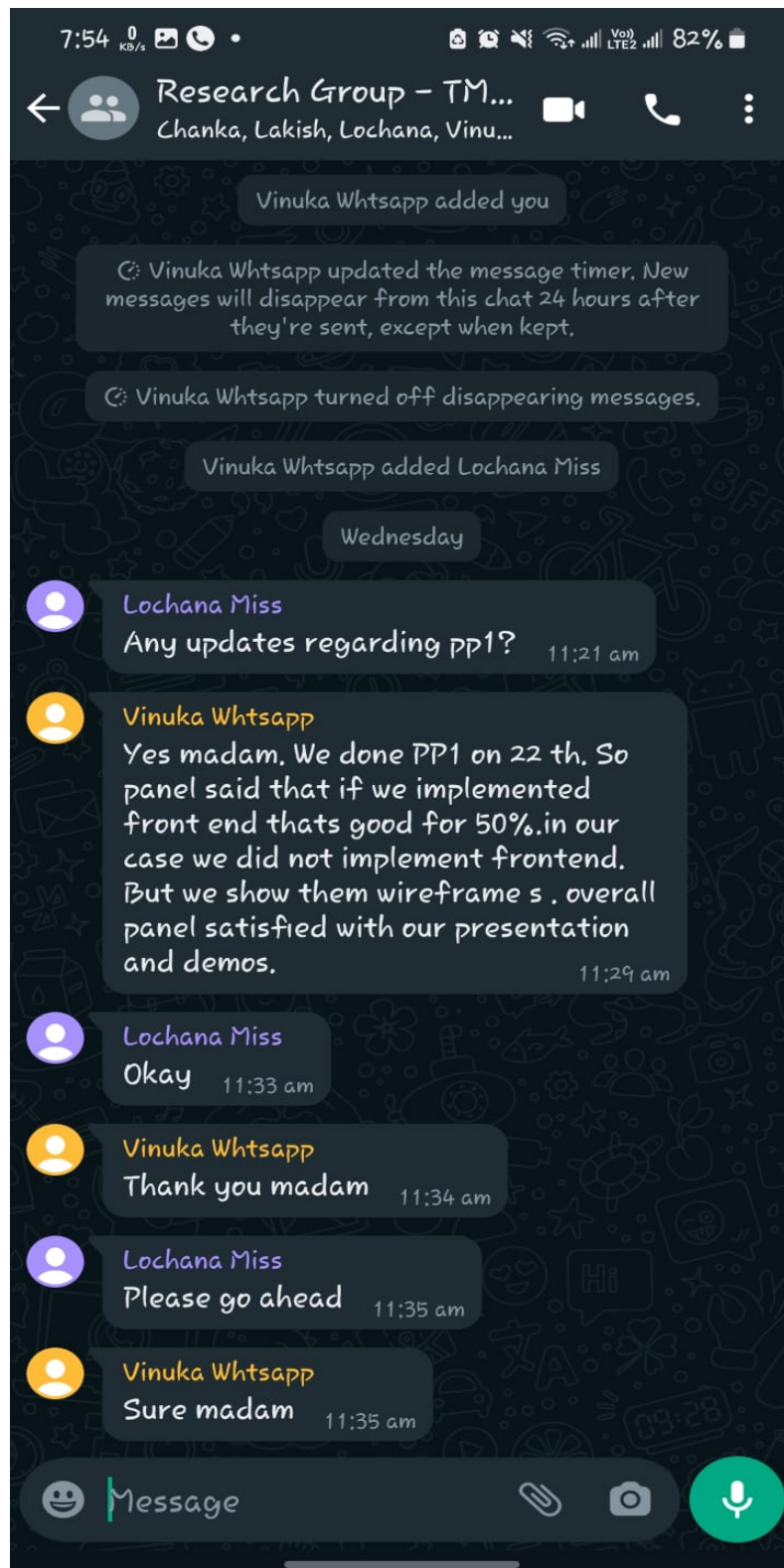
Forward



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

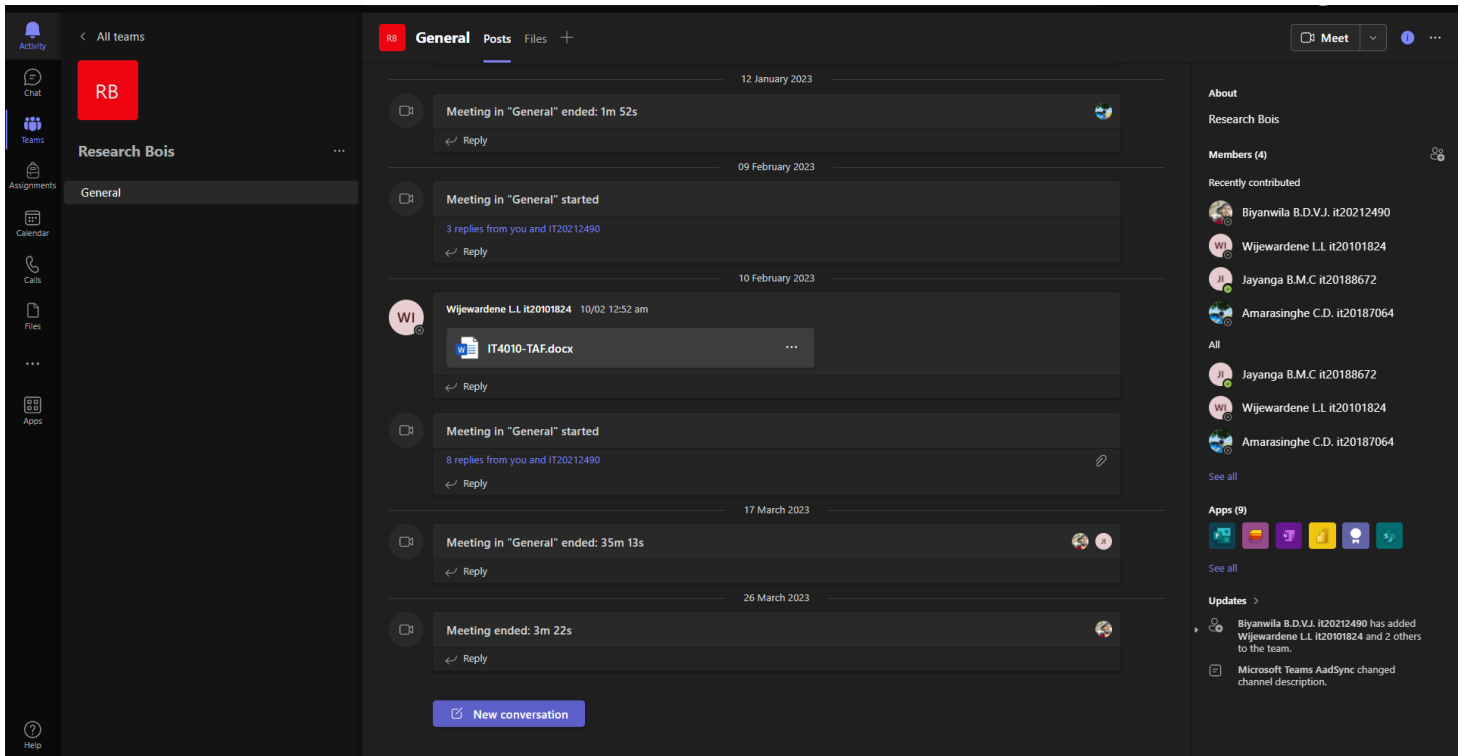


1.4. Share ideas with supervisor through Whatsapp chats.

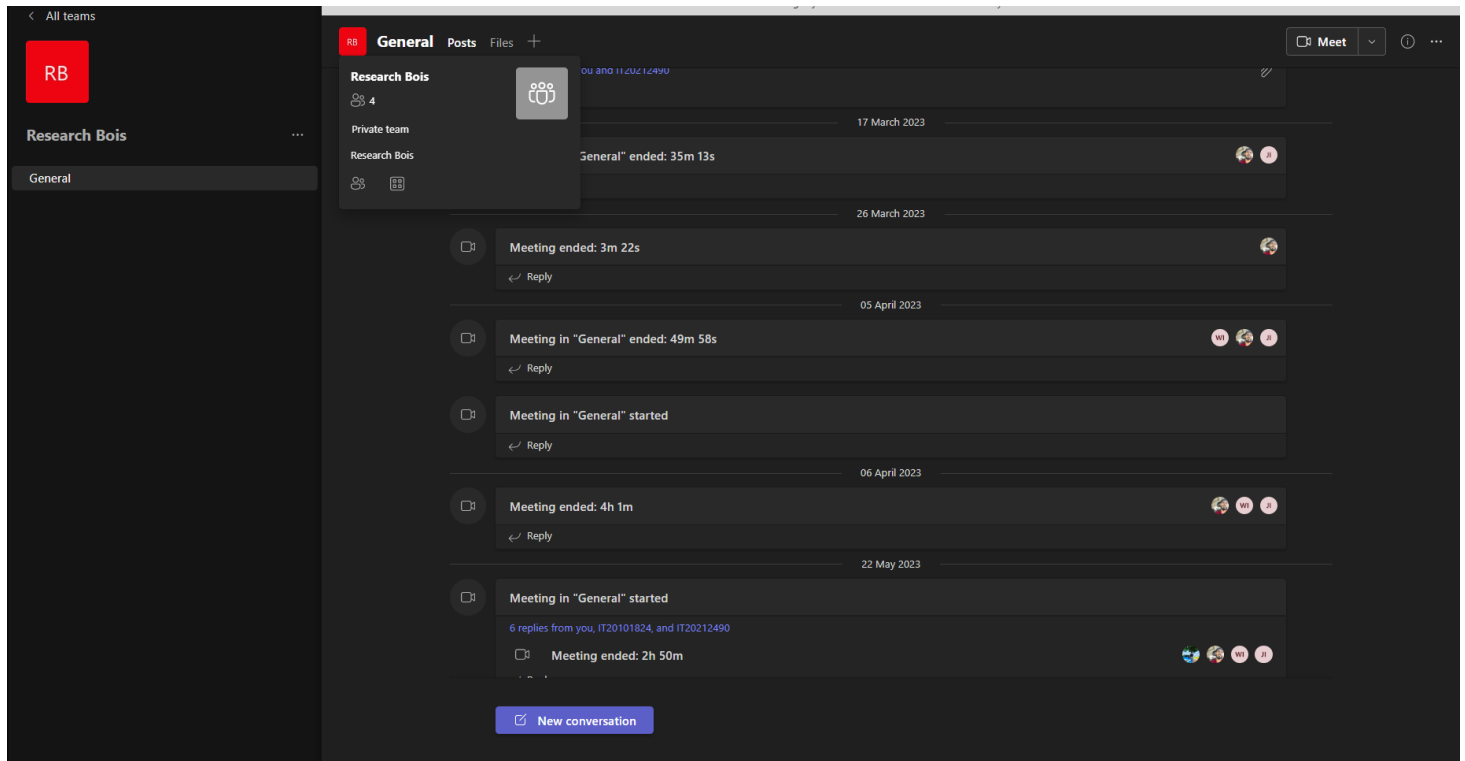


2. Research Group

2.1. Create a MS team group with team members.



2.2. MS teams meetings with members.



2.3. MS teams files

Activity

Chat

Teams

Assignments

Calendar

Calls

Files

...

Apps

Help

< All teams

RB

Research Bois

General

General

Posts

Files

+

Meet

+ New

Upload

Edit in grid view

Share

Copy link

Sync

Download

Add shortcut to OneDrive

...

All Documents

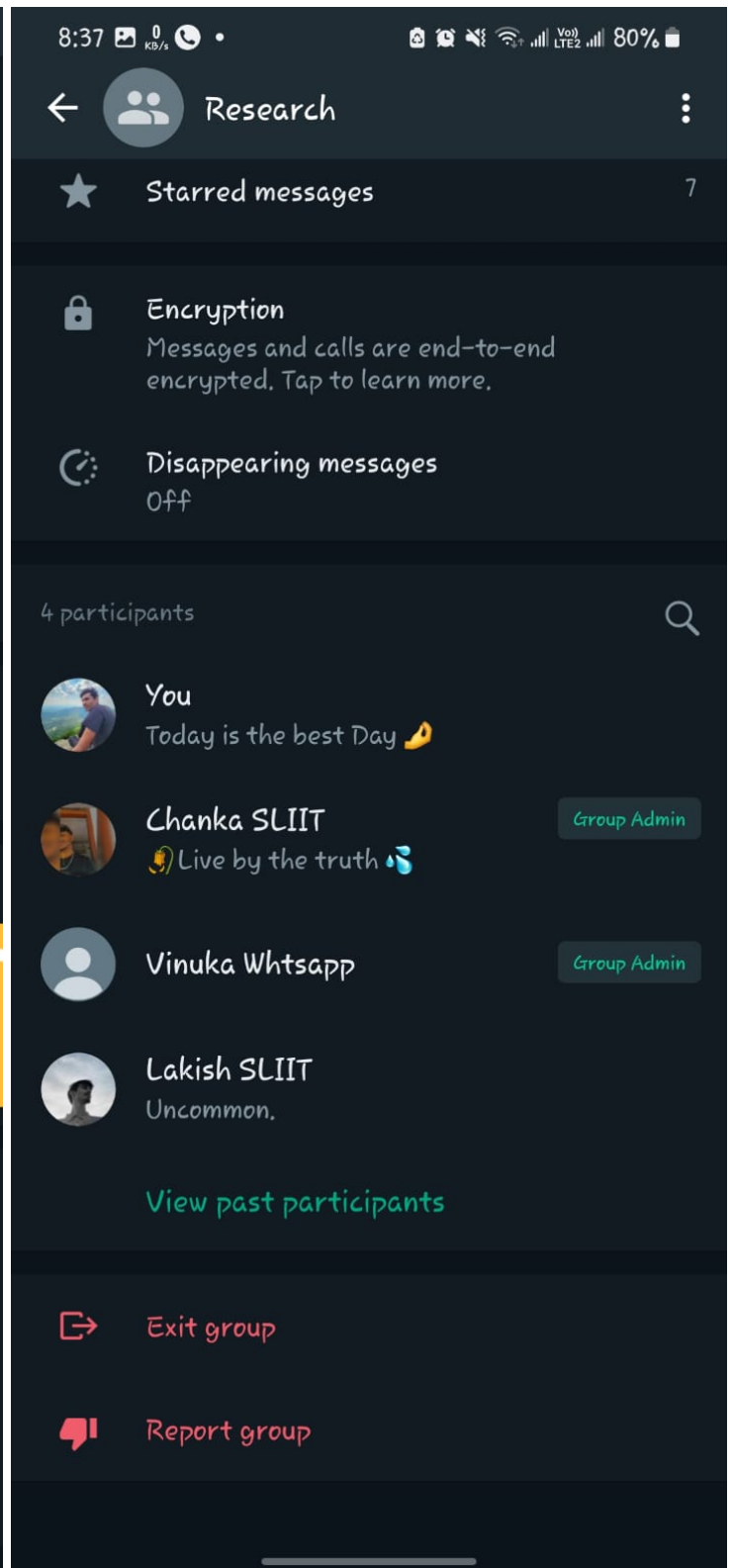
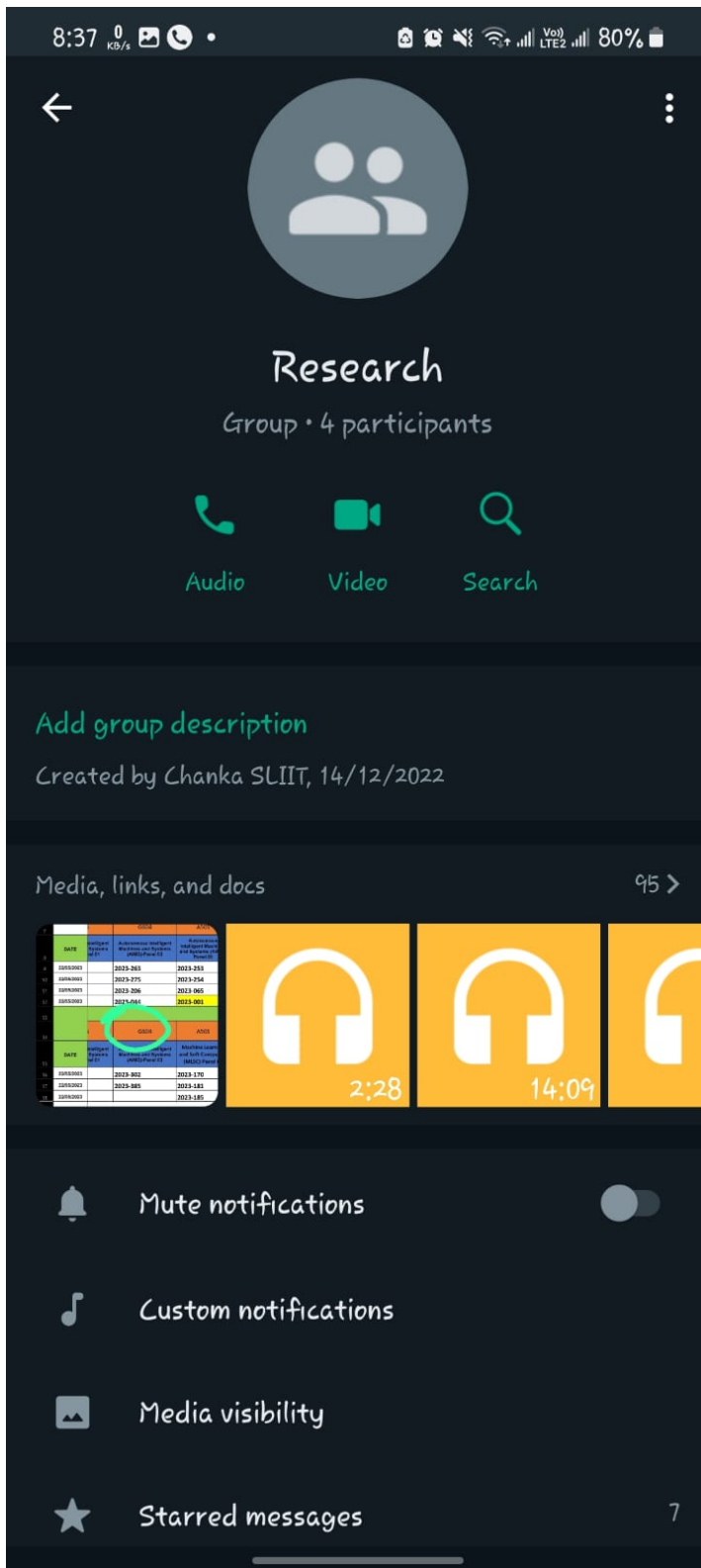
Documents

General

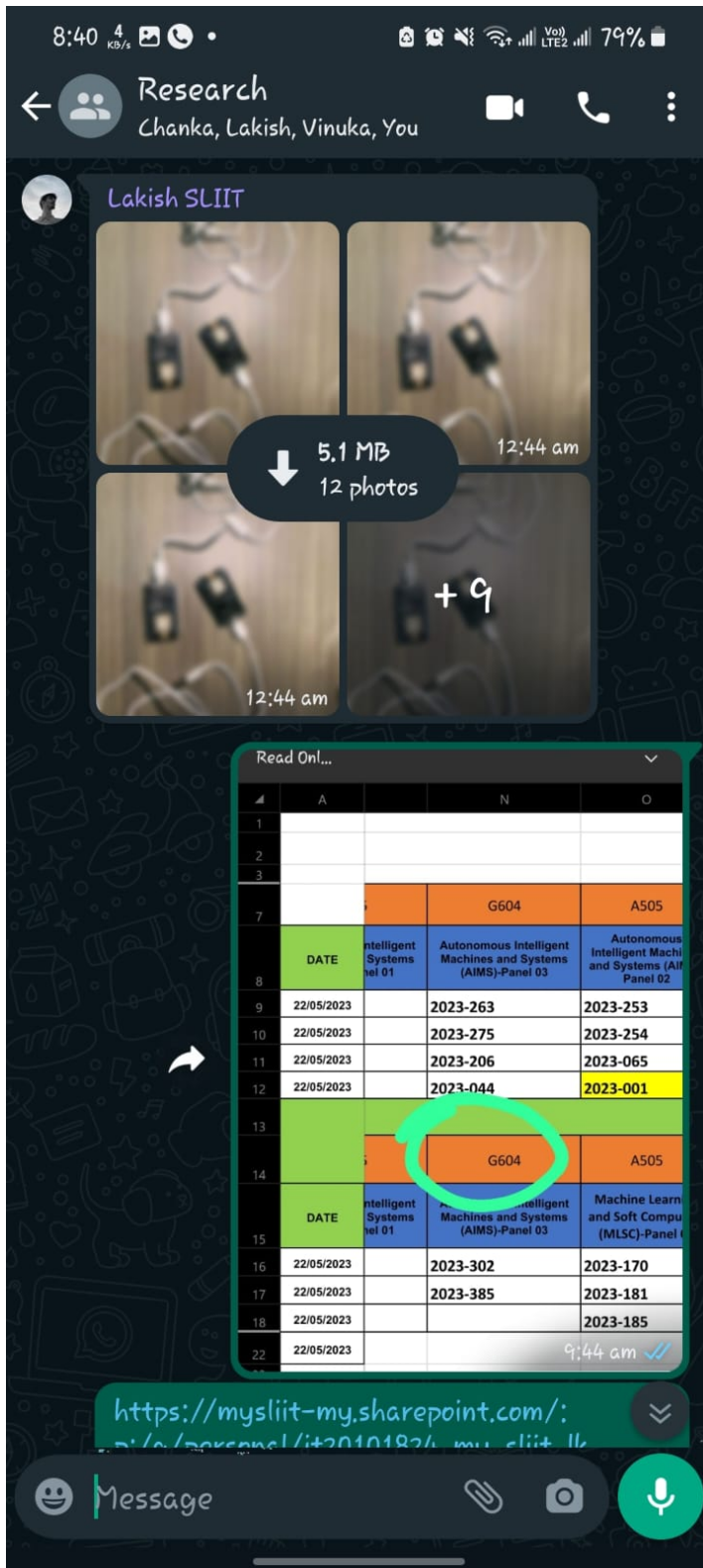
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	IT4010-TAF.docx	February 10	Wijewardene L.L it2...	

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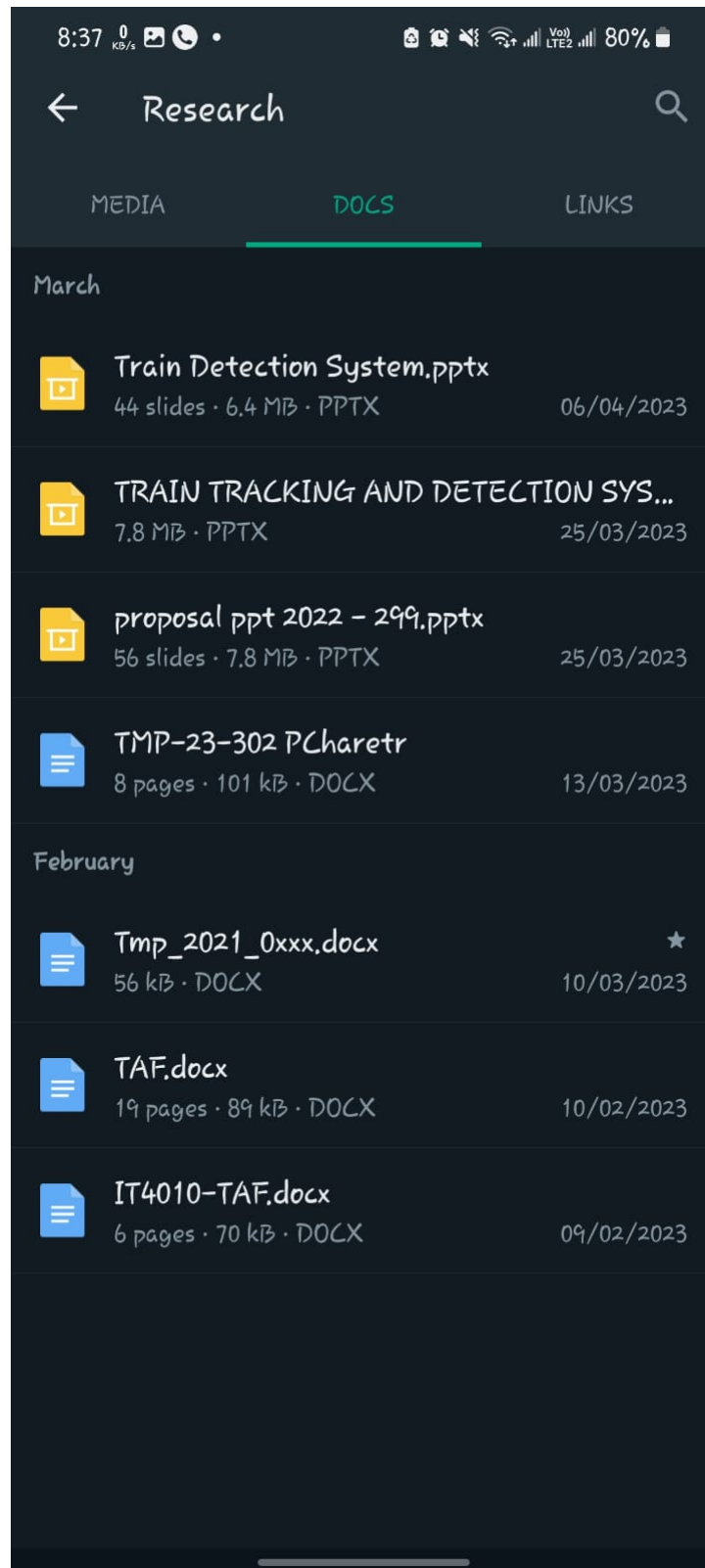
2.4. Create a WhatsApp group with team members.



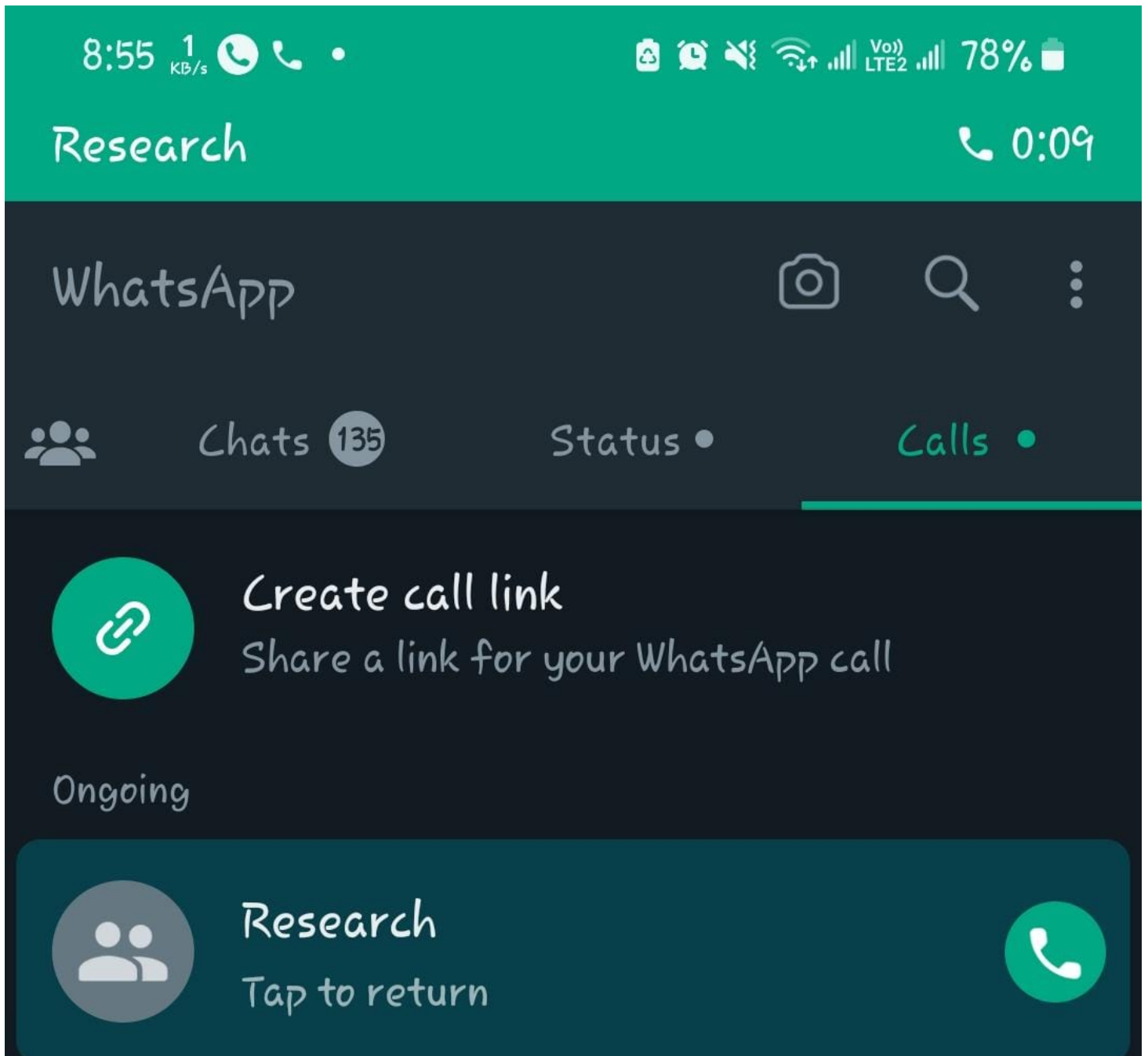
2.5. Chat in WhatsApp group with group members



2.6. Files shared in WhatsApp group with group members

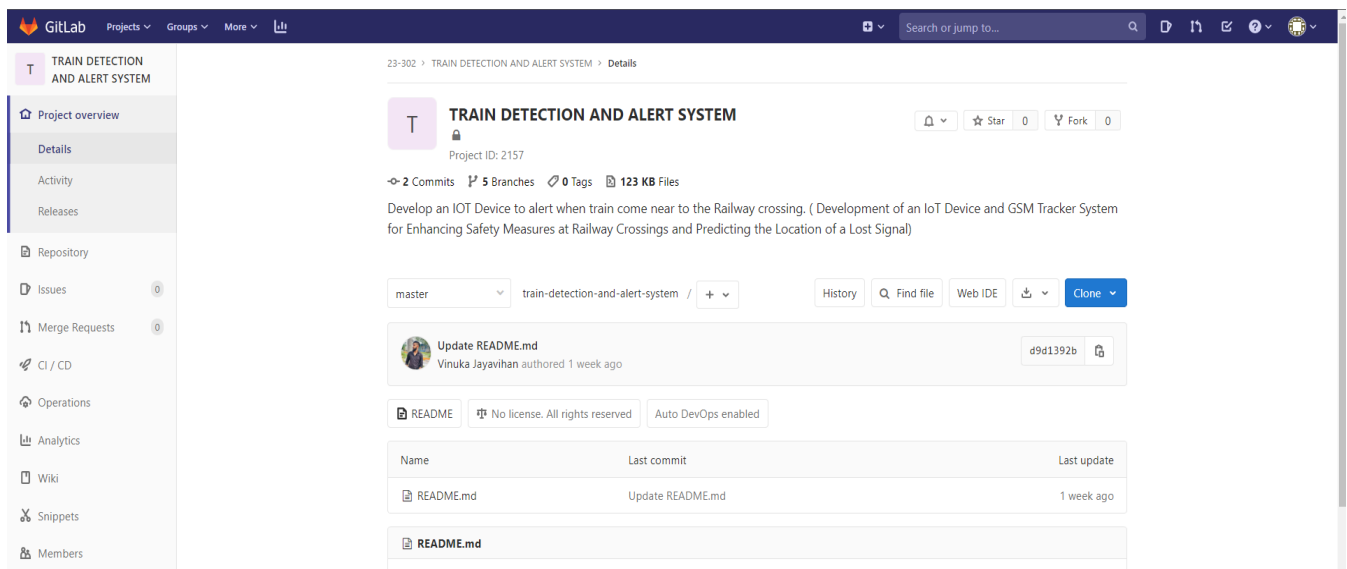
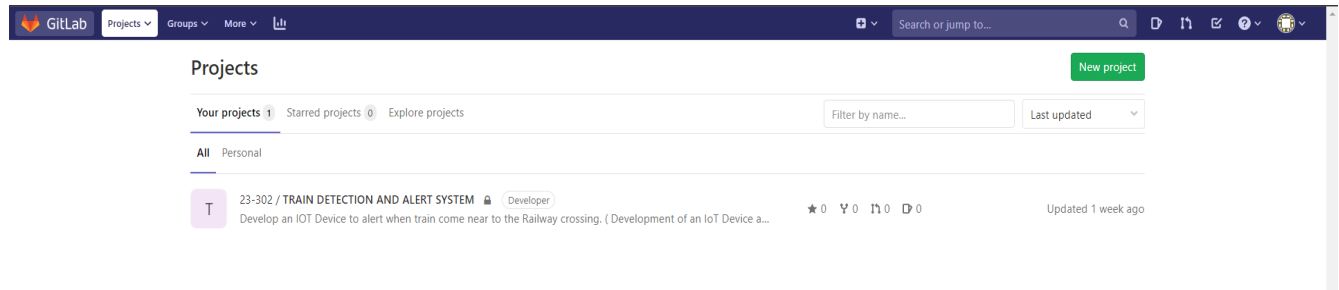


2.7. WhatsApp group calls.



3. Screenshots of GitLab

3.1. Group



3.2. Members

223-302

Group overview

Issues0

Merge Requests0

Members

List

Board

Labels

Milestones

23-302 > Group members

Group members

Listing shares 5

Members with access to 23-302

shanta

Sort byName, ascending

Chanka Dewmin @IT20187064

Given access 1 week ago

Developer

Chashira Jayanga @it20188672

Given access 1 week ago

Developer

Leave

Lochana Rajamanthri @lochana.r

Given access 1 week ago

Developer

Vinuka Jayavihan @IT20212490

Given access 1 week ago

Owner

Wijewardene L.L @IT20101824

Given access 1 week ago

Developer

3.3. Activities

TTRAIN DETECTION AND ALERT SYSTEM

Project overview

Details

Activity

Releases

Repository

Issues0

Merge Requests0

CI / CD

Operations

Analytics

Wiki

Snippets

Members

23-302 > TRAIN DETECTION AND ALERT SYSTEM > Activity

AllPush eventsMerge eventsIssue eventsCommentsTeam

Wijewardene L.L @IT20101824

Pushed new branch Alerting_system_from_IOT_Device_to_GSM

1 week ago

Chashira Jayanga @it20188672

Pushed new branch Sending_alert_messages_only_to_the_app_users_who_are_approaching_a_railway_crossing

1 week ago

Vinuka Jayavihan @IT20212490

Pushed to branch master

d9d1392b · Update README.md

1 week ago

Chanka Dewmin @IT20187064

Pushed new branch Security_analysis_for_train_tracking_system

1 week ago

Vinuka Jayavihan @IT20212490

Pushed new branch

Development_of_an_IoT_Device_and_GSM_Tracker_System_for_Enhancing_Safety_Measures_at_Railway_Crossings_and_Predicting_the_Location_of_a_Lost_Signal

1 week ago

Vinuka Jayavihan @IT20212490

Pushed new branch master

1 week ago

Vinuka Jayavihan @IT20212490

Created project 23-302 / TRAIN DETECTION AND ALERT SYSTEM

1 week ago

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4. Diagram

4.1. Gannt Chart

No	Task List	December	January	February	March	April	May	June	July	August	September	October	November
1	Initial Stage												
	Research Topic Selection												
	Requirement Gathering												
	Study on Research Area												
	Topic Evaluation form submission												
	Topic Evaluation (Project pre-assessments) resubmission												
	Topic Approved												
	Project Charter												
2	Proposal Stage												
	Proposal Draft Submission												
	proposal Presentation												
3	Implementation Stage 1												
	System Design and Planning												
	Implementation of functions												
	Integration and testing Level 1												
	Progress presentation -50%												
	Prepare Research Paper												
4	Implementation Stage 2												
	Implementation of functions												
	Integration and testing Level 2												
	Progress presentation -100%												
5	Final Stage												
	Final Thesis												
	Final Presentation												

4.2. Work Break Down Chart

