

# **MACHINE LEARNING APPROACH TO DETECT & ANNOTATE EYE DISEASES USING RETINAL IMAGES**

23-162

Project Logbook

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IT20227890

B. Sc. (Hons) Degree in Information Technology Specialization in  
Software Engineering

Department of Computer Science and Software Engineering

Sri Lanka Institute of Information Technology

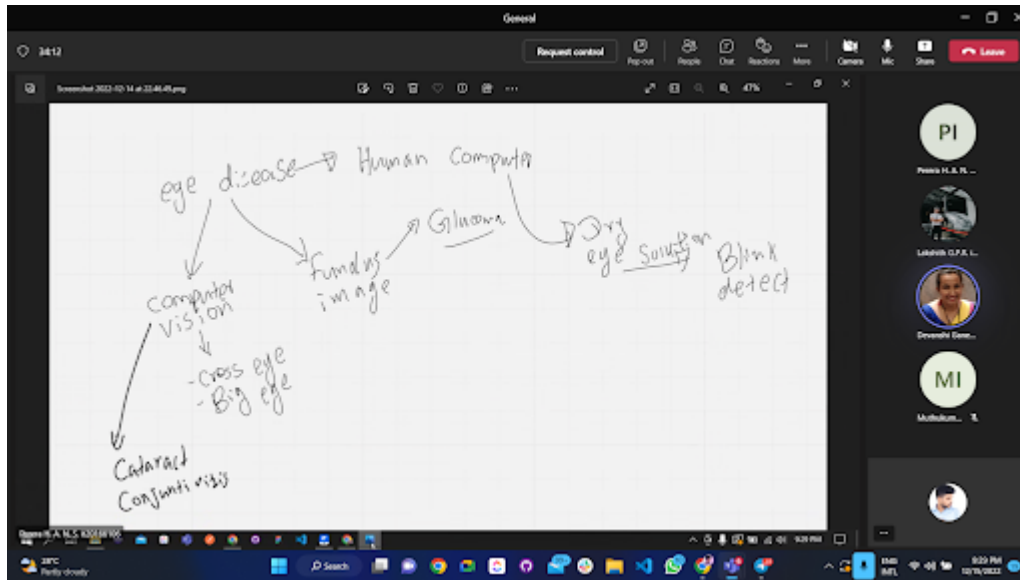
Sri Lanka

October 2023

# Supervisor Meetings

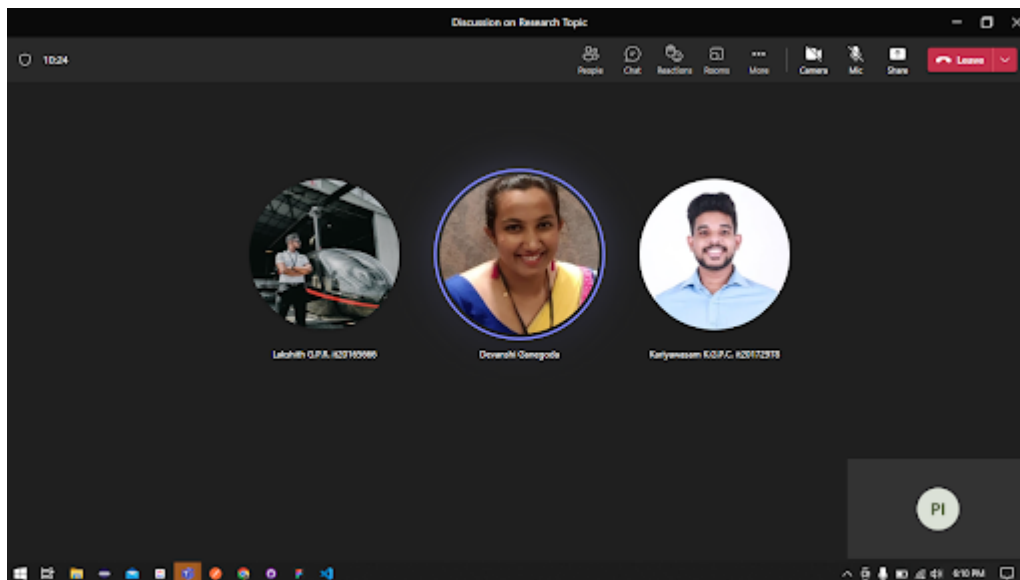
**Date** - 15th December 2022

**Discussion** - Discuss regarding topic selection and component separation.



**Date** - 10th January 2023

**Discussion** - Finalizing components of members



**Date** - 6th February 2023

**Discussion** - Discussion with supervisor and co-supervisor regarding issues arose in the research project

PI Perera H. A. N. S. it20166106 2/6 12:49 PM  
Scheduled a meeting

Discussion Regarding Research Topic  
Monday, February 6, 2023 @ 4:00 PM

Discussion Regarding Research Topic ended: 34m 47s

**Attendance report**  
Click here to download attendance report

Reply

**Date** - 20th January 2023

**Discussion** - Discussion with supervisor and co-supervisor regarding approach to the research

PI Perera H. A. N. S. it20166106 1/20 5:41 PM  
Scheduled a meeting

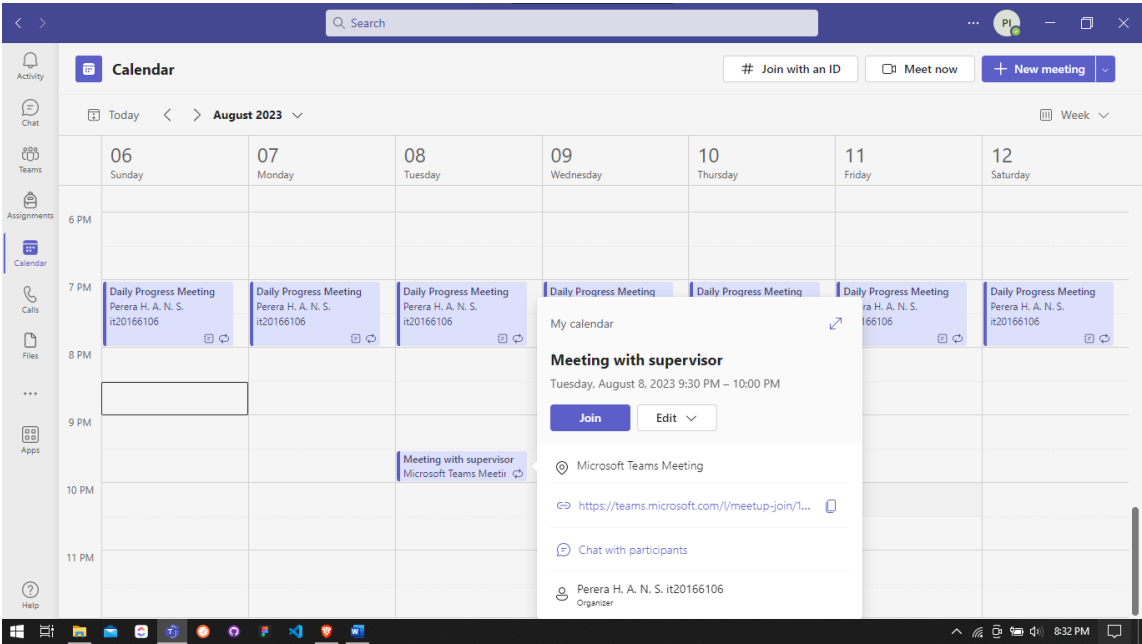
Discussion regarding research  
Friday, January 20, 2023 @ 6:00 PM

Discussion regarding research ended: 38m 43s

**Attendance report**  
Click here to download attendance report

Reply

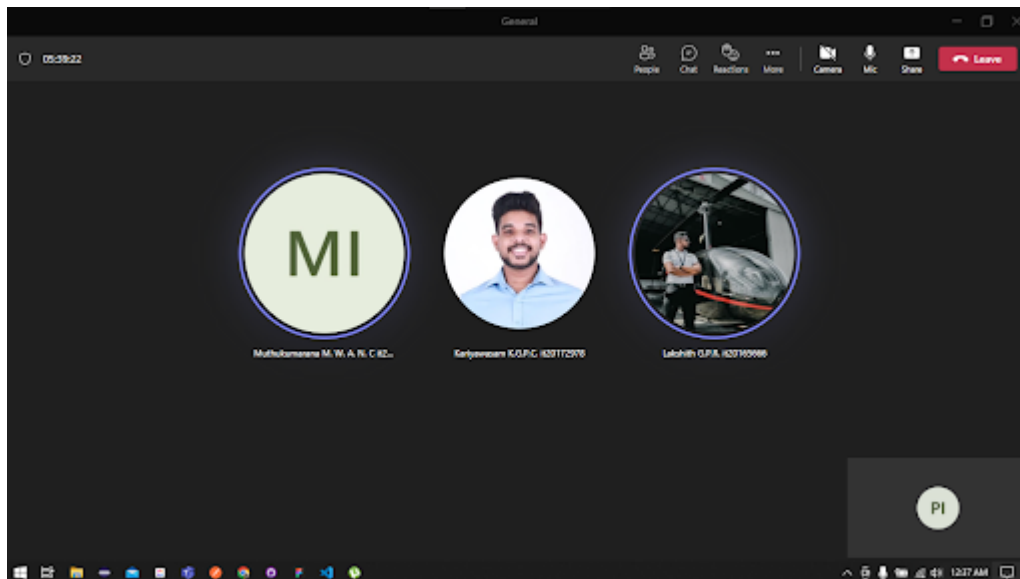
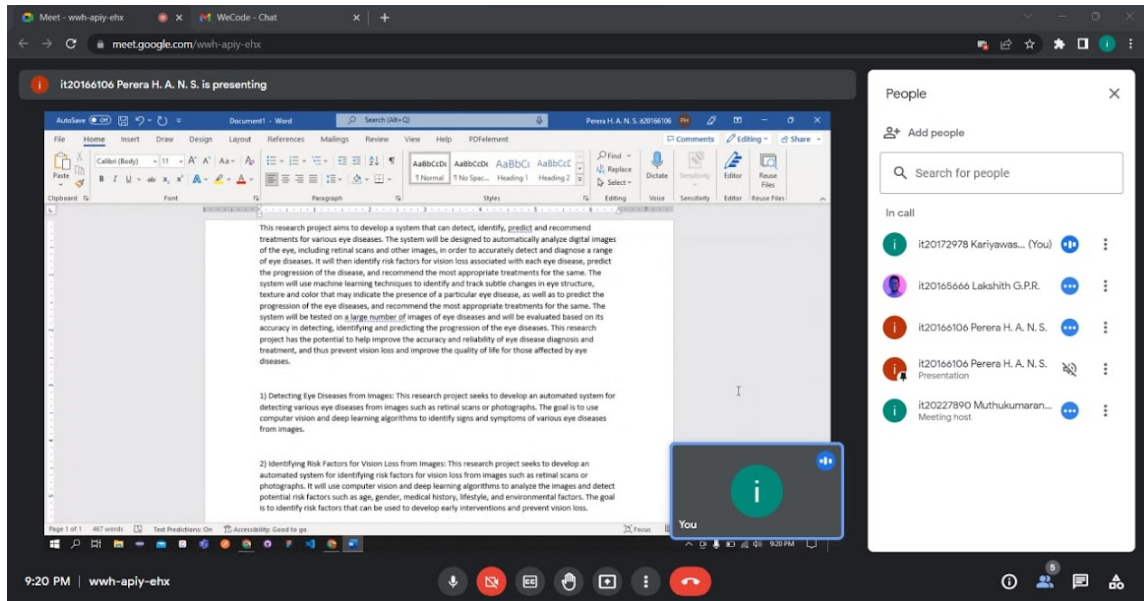
Discussion - Meetings to inform the progress of the project

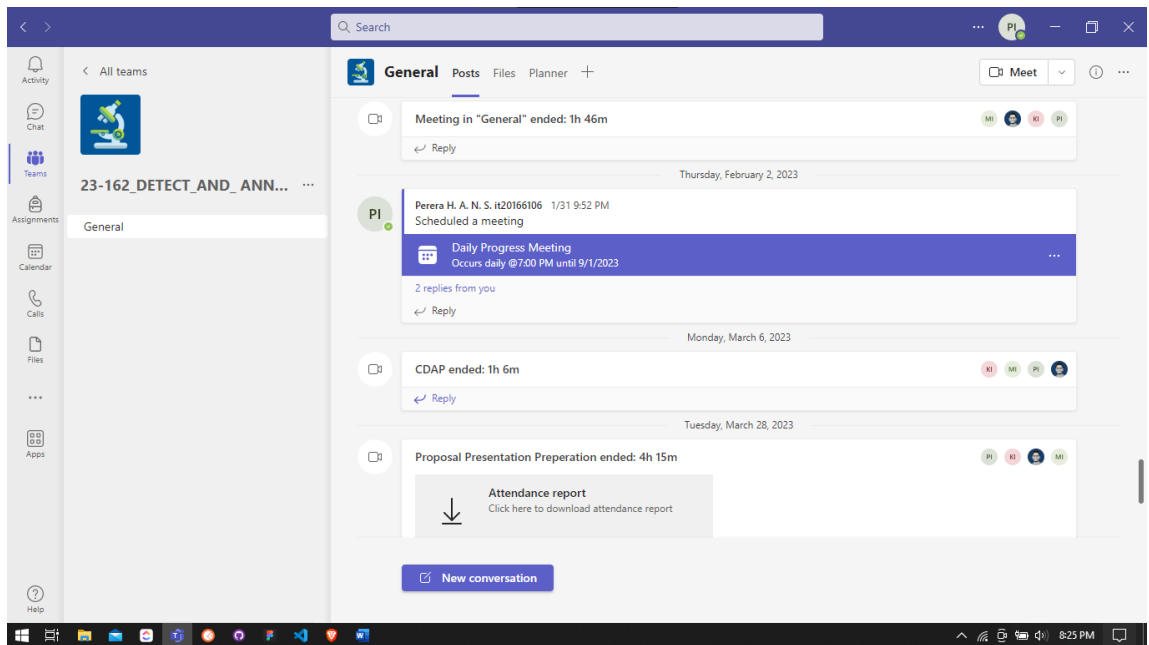
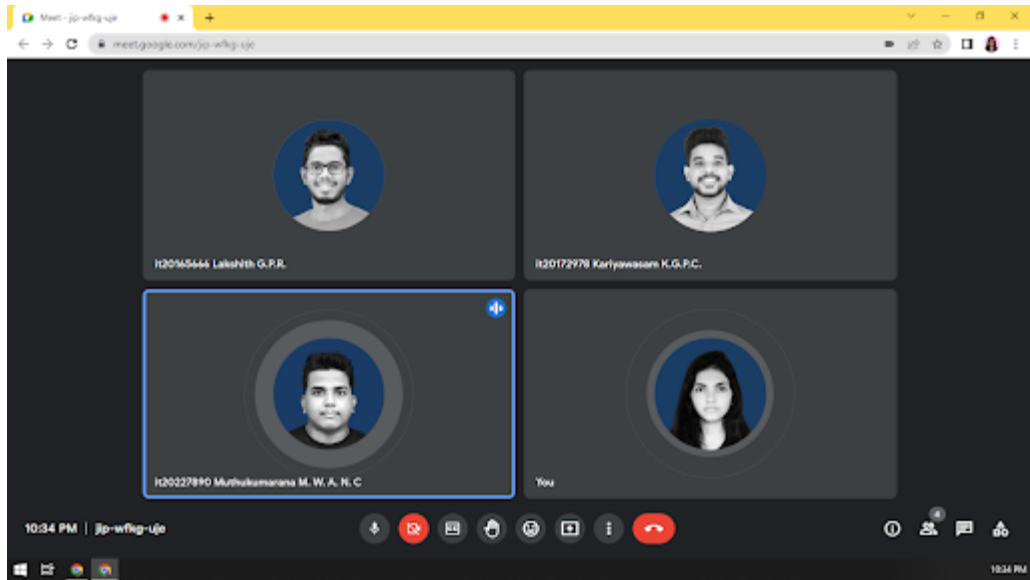



Discussion - Discussion about the progress of the research project





# Research Group Meetings and Calls







**General**
Posts
Files
+



Meet
▼



...

Sunday, September 3, 2023



Meeting in "General" started


19 replies from you, IT20172978, and IT20227890


Reply



General started


3 replies from IT20172978


Reply



KI

Kariyawasam K.G.P.C. it20172978 9/3 4:38 PM  
useFocusEffect( React.useCallback(() => { // Code to execute when the screen comes into focus console.log("HomeScreen focused"); // You can put any code that needs to be executed here // For example, if you want to fetch data again when the screen is focused getPatients(); // Call the function to fetch patients data again }, [] ) );



Reply



Meeting in "General" started


6 replies from you, IT20227890, and IT20172978



Reply

Wednesday, September 6, 2023



New conversation




**General**
Posts
Files
+



Meet
▼




...


Tuesday, June 20, 2023



General ended:



KI

PI



Meeting ended:


KI

PI



Reply





Meeting in "CDAP" ended: 22s



KI


Reply


Tuesday, June 20, 2023


New channel meeting ended: 1h 45m



MI

KI

PI


Reply


Monday, June 26, 2023





Meeting in "General" started


▼ Collapse all



MI

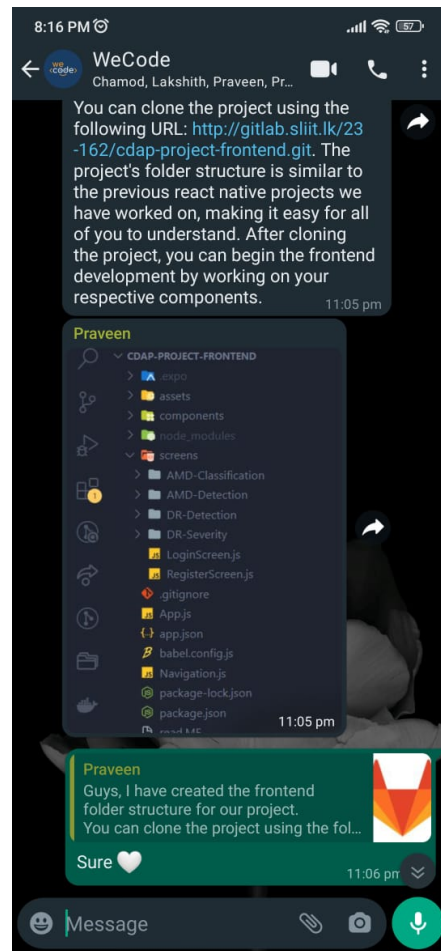
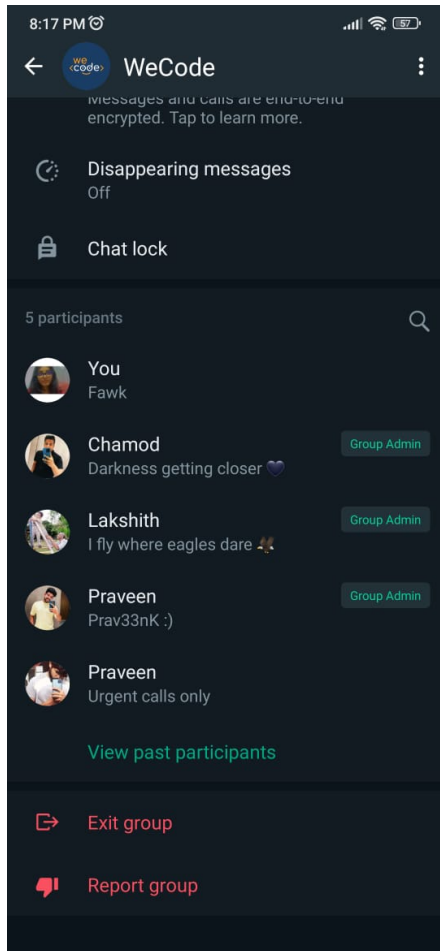
Muthukumarana M. W. A. N. C it20227890 6/26 10:51 PM  
<https://docs.google.com/document/d/1PJHtDwa7wilUo0eStanBioygfIR6aAPYsQ6W-e0wNo8/edit>


Meeting ended: 51m 56s


PI

KI

MI


Reply


New conversation





# Individual Project Logs (Teams)

Activity

Chat

Teams

Assignme...

Calendar

Calls

Files

Tasks by ...

...

Apps

Help

Tasks by Planner and To Do

Completed Filter

My tasks To Do

Tasks

My Day

Important

Planned

Assigned to me

Flagged Emails

Shared plans Planner

23-162\_DETECT\_AND\_ANNOTATE\_EY...

New list or plan

Assigned to me

Task title	Source	Priority	Completed ↑
Testing the Application	General / Planner		31/10
Integrate the Trained Model	General / Planner		31/10
Implement Functionalities of Application using React Native	General / Planner		24/07
Implement UI using React Native	General / Planner		24/07
Design Mobile Application Interfaces	General / Planner		24/07
Train the Model	General / Planner		05/07
Design and implement the Model	General / Planner		05/07
Process and Clean the OCT Dataset	General / Planner		05/07
Start Development Process	General / Planner		05/07
Research on Technologies to Used	General / Planner		05/07
Research and Gather Retinal OCT Image Dataset for AMD	General / Planner		05/07

Chamod

+

Add task

Completed tasks

11

^

✓

Testing the Application

...

M

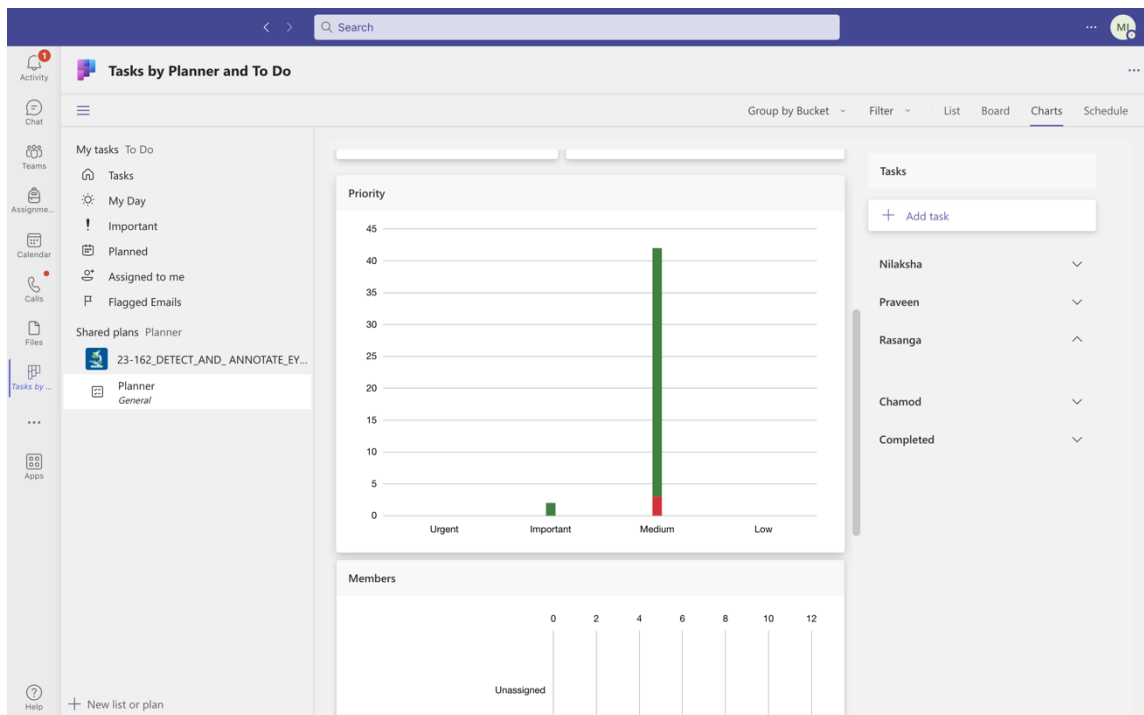
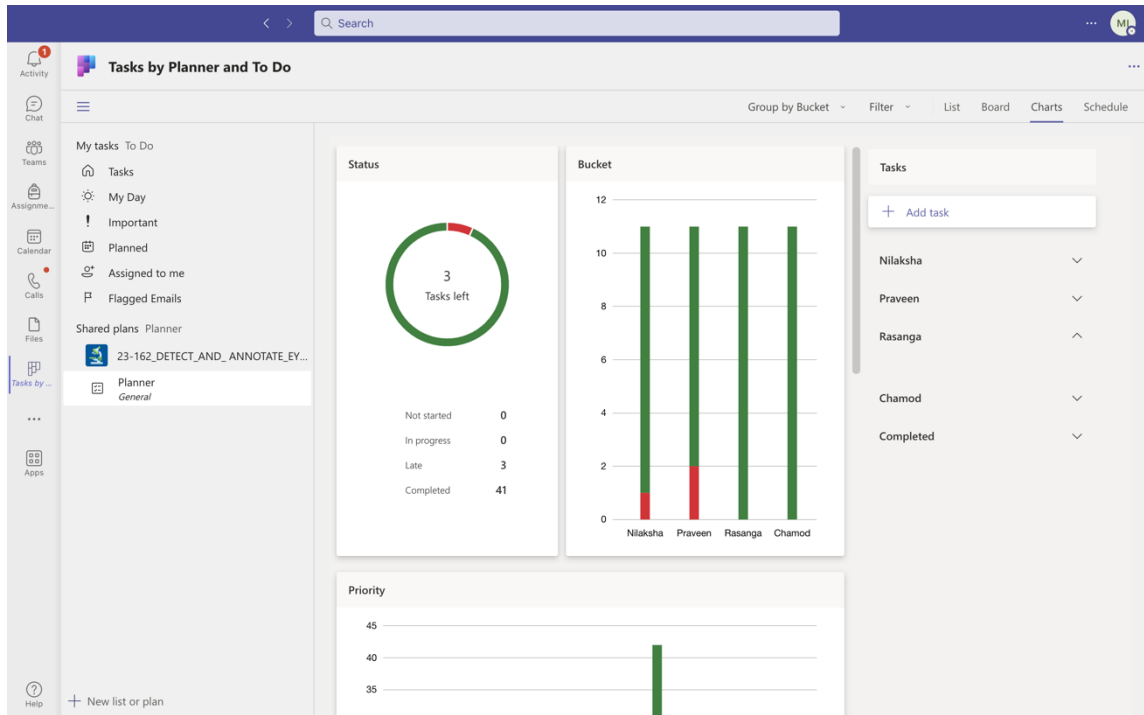
Completed by Muthukumarana ...

✓

Integrate the Trained Model

M

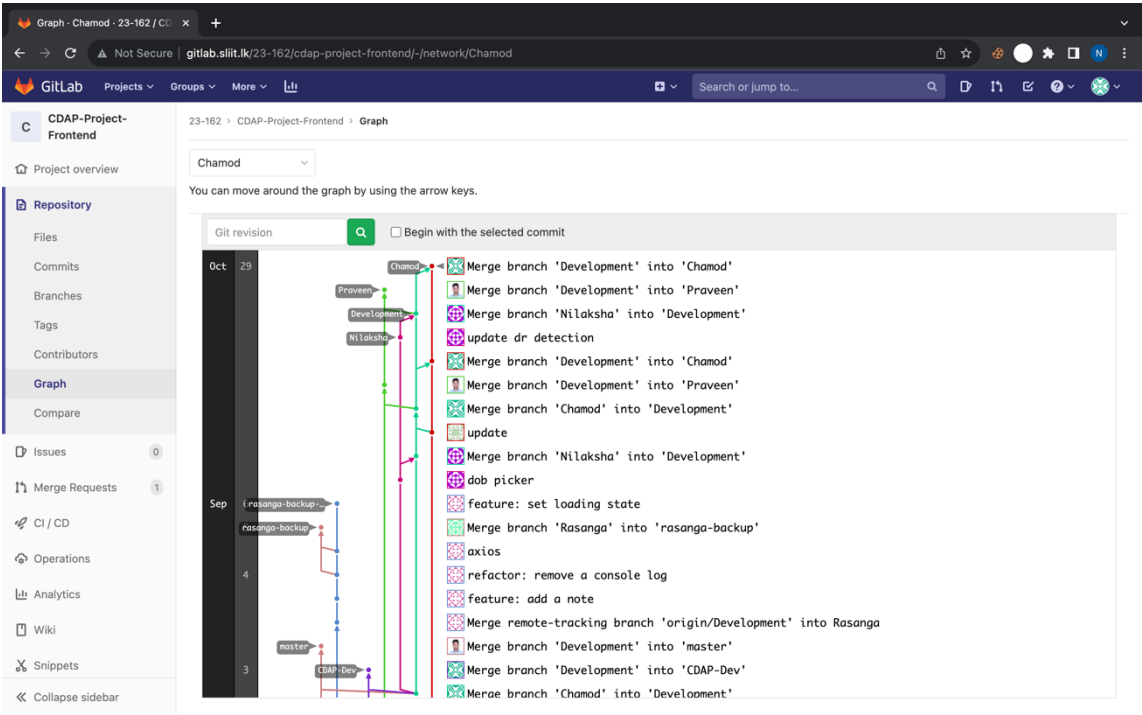
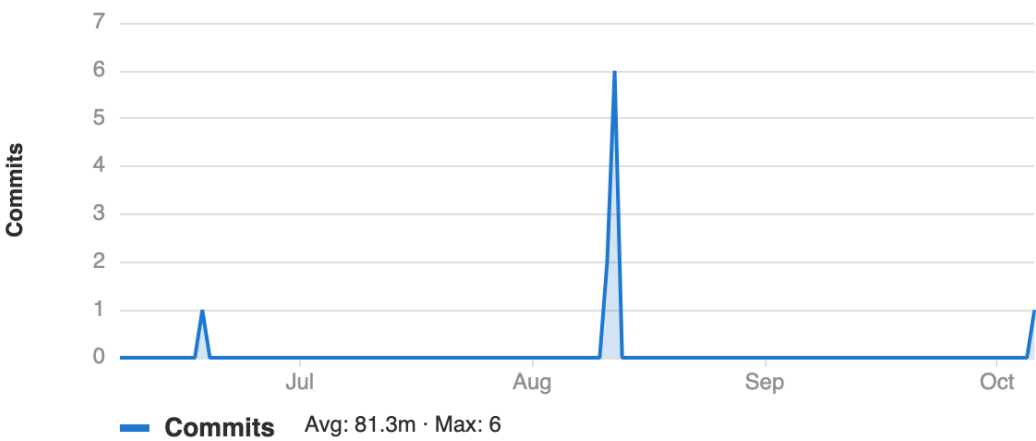
Completed by Muthukumarana ...

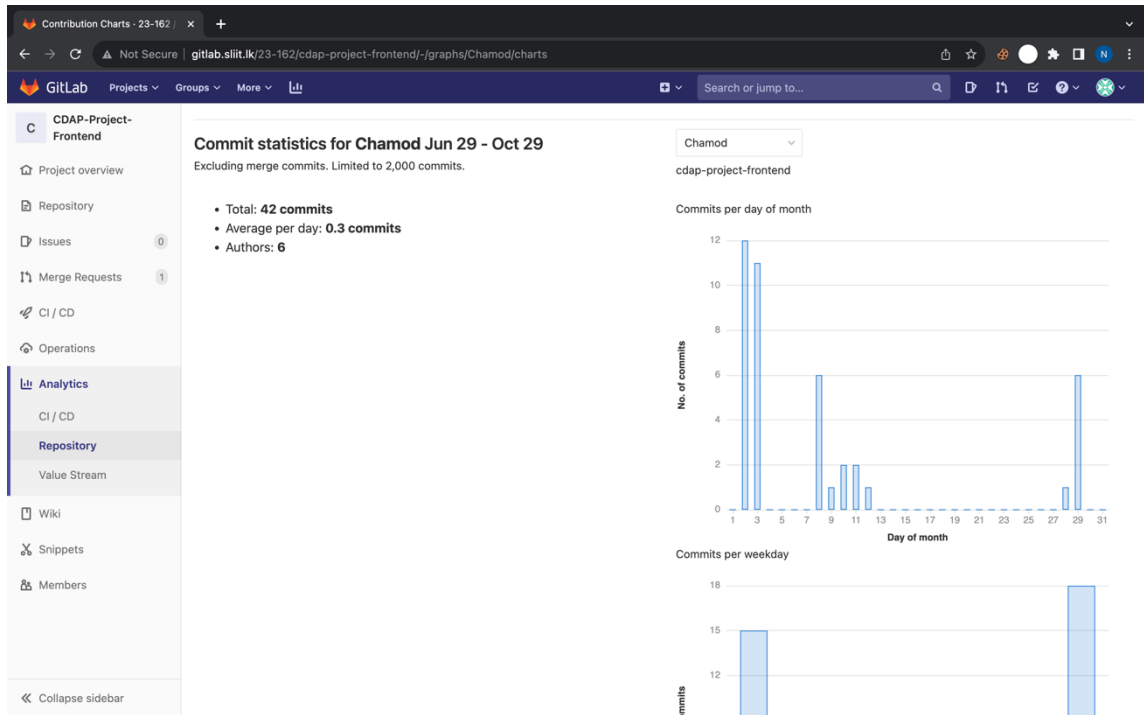


# Individual Contribution (Gitlab)

## Nimesha-Chamod

10 commits (nimesha.muthukumarana@gmail.com)





Merge Requests - 23-162 / CD x +

Not Secure | gitlab.sliit.lk/23-162/cdap-project-frontend/-/merge\_requests/22 Press **⌘F** to exit full screen 5author\_username=IT20227890

GitLab Projects Groups More Lili Search or jump to...

CDAP-Project-Frontend

Project overview

Repository

Issues 0

Merge Requests 1

CI / CD

Operations

Analytics

Wiki

Snippets

Members

Collapse sidebar

23-162 > CDAP-Project-Frontend > Merge Requests

Open 0 Merged 22 Closed 0 All 22

Edit merge requests New merge request

Recent searches Author Muthukumarana M.W.A.N.C Created date

Development	146 - opened 1 day ago by Muthukumarana M.W.A.N.C	Chamod	MERGED 0	updated 1 day ago
Development	143 - opened 1 day ago by Muthukumarana M.W.A.N.C	Chamod	MERGED 0	updated 1 day ago
update	141 - opened 1 day ago by Muthukumarana M.W.A.N.C	Development	MERGED 0	updated 1 day ago
Development	135 - opened 1 month ago by Muthukumarana M.W.A.N.C	CDAP-Dev	MERGED 0	updated 1 month ago
Update index.js	134 - opened 1 month ago by Muthukumarana M.W.A.N.C	Development	MERGED 0	updated 1 month ago
Development	133 - opened 1 month ago by Muthukumarana M.W.A.N.C	CDAP-Dev	MERGED 0	updated 1 month ago
update	132 - opened 1 month ago by Muthukumarana M.W.A.N.C	Development	MERGED 0	updated 1 month ago
Development	131 - opened 1 month ago by Muthukumarana M.W.A.N.C	Chamod	MERGED 0	updated 1 month ago
update	128 - opened 1 month ago by Muthukumarana M.W.A.N.C	Development	MERGED 0	updated 1 month ago
Development			MERGED 0	