

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

23-162

Project Logbook

Perera H. A. N. S

IT20166106

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

Department of Computer Science and Software Engineering

Sri Lanka Institute of Information Technology

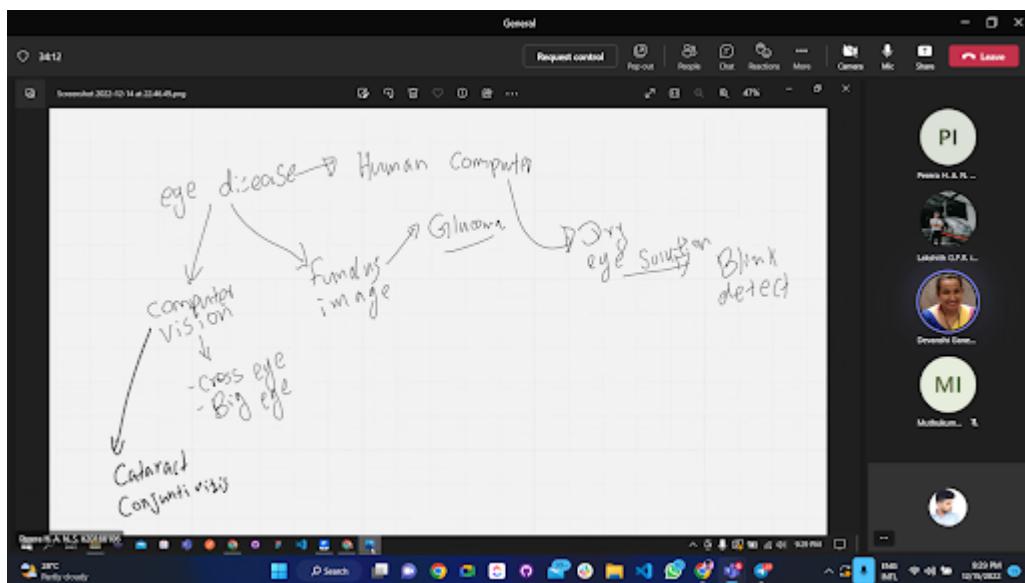
Sri Lanka

October 2023

Supervisor Meetings

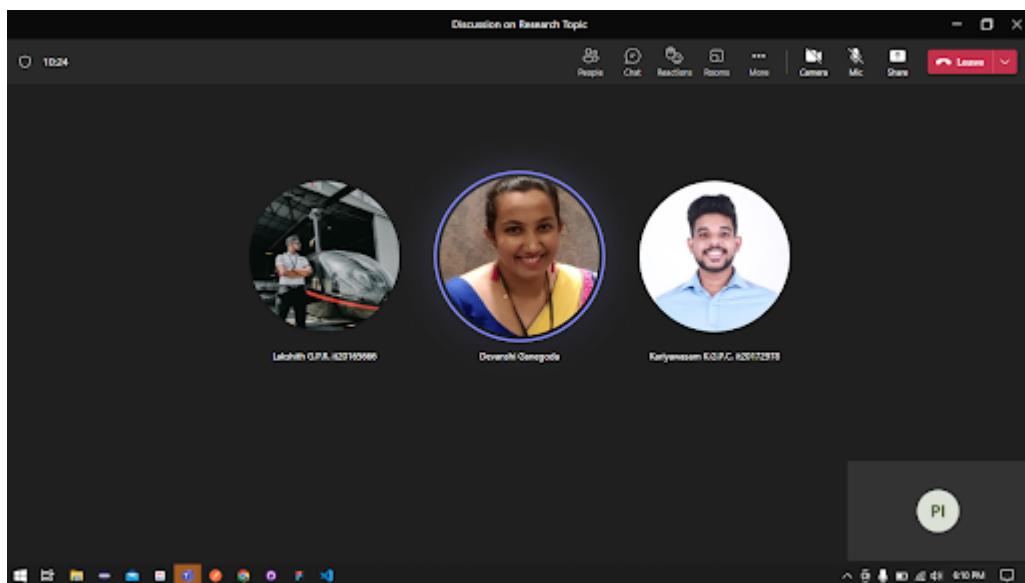
Date - 15th December 2022

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

The screenshot shows a Microsoft Teams message from Perera H. A. N. S. (it20166106) at 2/6 12:49 PM. It indicates a scheduled meeting titled "Discussion Regarding Research Topic" on Monday, February 6, 2023, at 4:00 PM. The message details a discussion that ended 34m 47s ago, with an "Attendance report" link available for download. The message is signed off with "PI" and includes icons for other team members.

Date - 20th January 2023

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

The screenshot shows a Microsoft Teams message from Perera H. A. N. S. (it20166106) at 1/20 5:41 PM. It indicates a scheduled meeting titled "Discussion regarding research" on Friday, January 20, 2023, at 6:00 PM. The message details a discussion that ended 38m 43s ago, with an "Attendance report" link available for download. The message is signed off with "PI" and includes icons for other team members.

Discussion - Meetings to inform the progress of the project

Activity

Chat

Teams

Assignments

Calendar

Calls

Files

...

Apps

Help

Search

Join with an ID

Meet now

+ New meeting

Today < > August 2023 Week

06 Sunday 07 Monday 08 Tuesday 09 Wednesday 10 Thursday 11 Friday 12 Saturday

6 PM

7 PM Daily Progress Meeting Perera H. A. N. S. It20166106 Daily Progress Meeting Perera H. A. N. S. It20166106 Daily Progress Meeting Perera H. A. N. S. It20166106 Daily Progress Meeting Perera H. A. N. S. It20166106 Daily Progress Meeting Perera H. A. N. S. It20166106 Daily Progress Meeting Perera H. A. N. S. It20166106

8 PM

9 PM

10 PM

11 PM

My calendar

Meeting with supervisor

Tuesday, August 8, 2023 9:30 PM – 10:00 PM

Join Edit

Microsoft Teams Meeting

<https://teams.microsoft.com/l/meetup-join/1...>

Chat with participants

Perera H. A. N. S. It20166106 Organizer

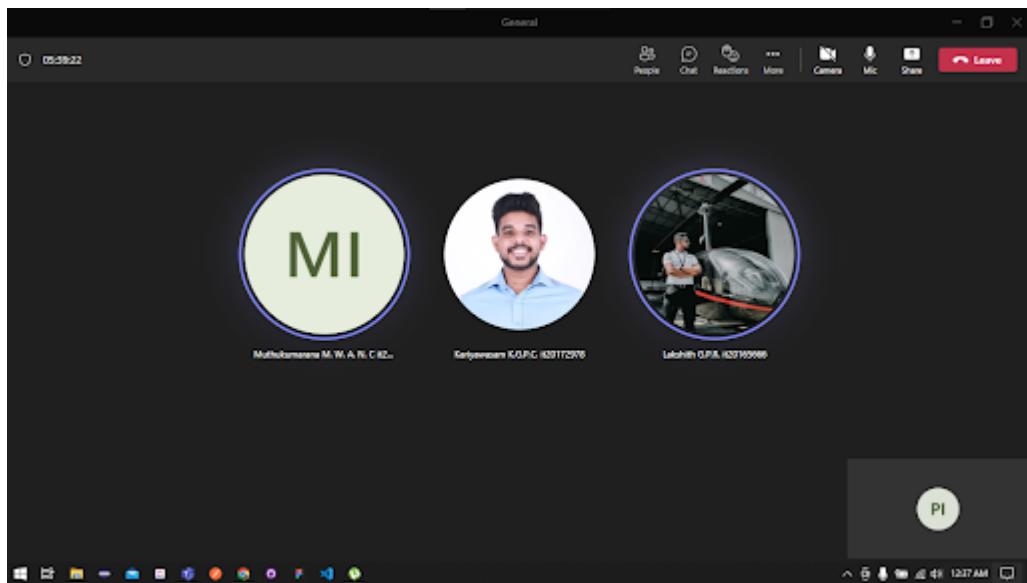
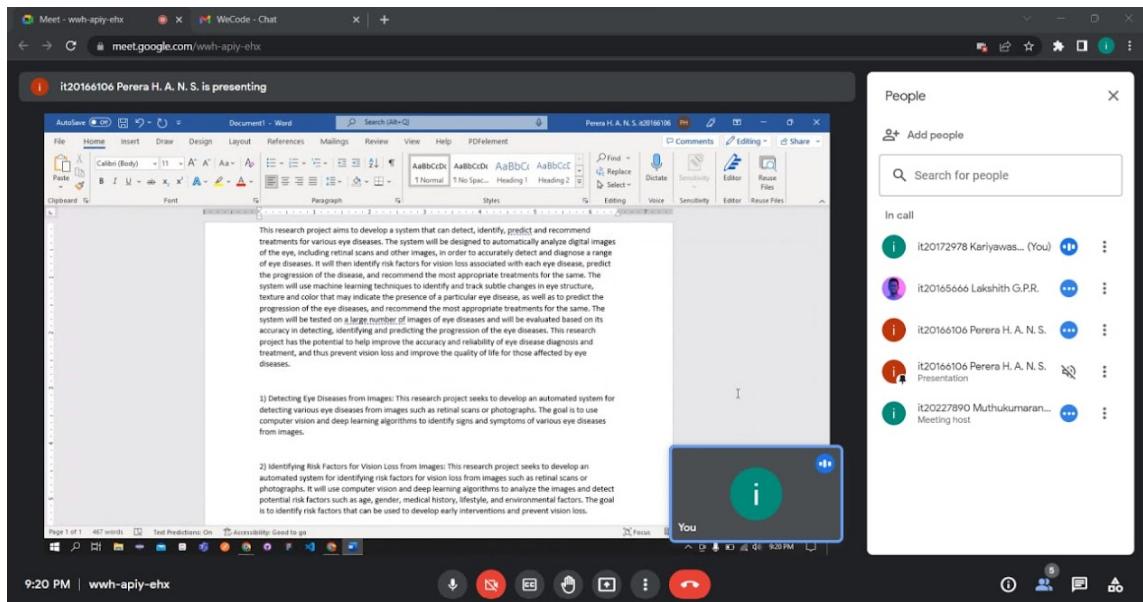
8:32 PM

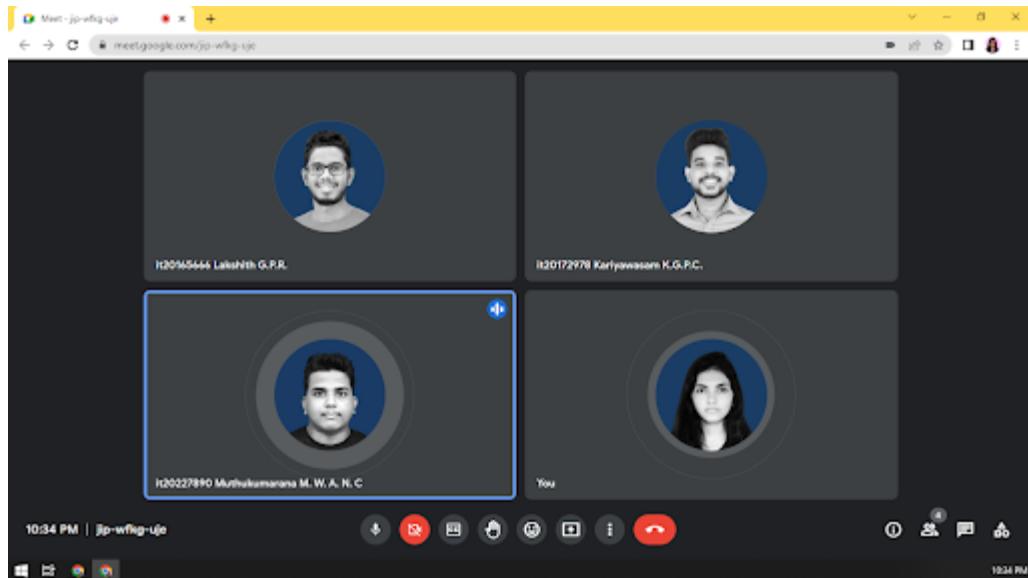
Discussion - Discussion about the progress of the research project

Calls

-  Devanshi Ma'am
20 June, 9:24 pm
-  Devanshi Ma'am
19 June, 9:49 am
-  Devanshi Ma'am
1 June, 6:43 pm
-  Devanshi Ma'am
24 May, 4:34 pm
-  Devanshi Ma'am
21 May, 7:54 pm
-  Devanshi Ma'am
21 May, 7:33 pm
-  Devanshi Ma'am
13 May, 10:27 am
-  Devanshi Ma'am
12 May, 11:36 am

Research Group Meetings and Calls





A screenshot of a Microsoft Teams channel named "General" within the team "23-162_DETECT_AND_ANN...". The channel feed displays several posts. One post from "Perera H. A. N. S. it20166106" on Thursday, February 2, 2023, mentions a "Meeting in 'General' ended: 1h 46m" and "Scheduled a meeting" for a "Daily Progress Meeting" occurring daily at 7:00 PM until 9/1/2023. Another post from the same user on Monday, March 6, 2023, says "CDAP ended: 1h 6m". A third post on Tuesday, March 28, 2023, says "Proposal Presentation Preparation ended: 4h 15m" and includes a download link for an "Attendance report". The sidebar on the left shows other team channels like "Activity", "Chat", "Teams", "Assignments", "Calendar", "Calls", "Files", and "Apps". The taskbar at the bottom shows various application icons.

 General Posts Files +

Sunday, September 3, 2023

 Meeting in "General" started

19 replies from you, IT20172978, and IT20227890

 Reply

 General started

3 replies from IT20172978

 Reply

 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 +

Tuesday, June 20, 2023

 General ended:

 Meeting ended:

 Reply

 Meeting in "CDAP" ended: 22s



 Reply

Tuesday, June 20, 2023

New channel meeting ended: 1h 45m

 Reply

Monday, June 26, 2023

 Meeting in "General" started

 Collapse all

 Muthukumarana M. W. A. N. C it20227890 6/26 10:51 PM

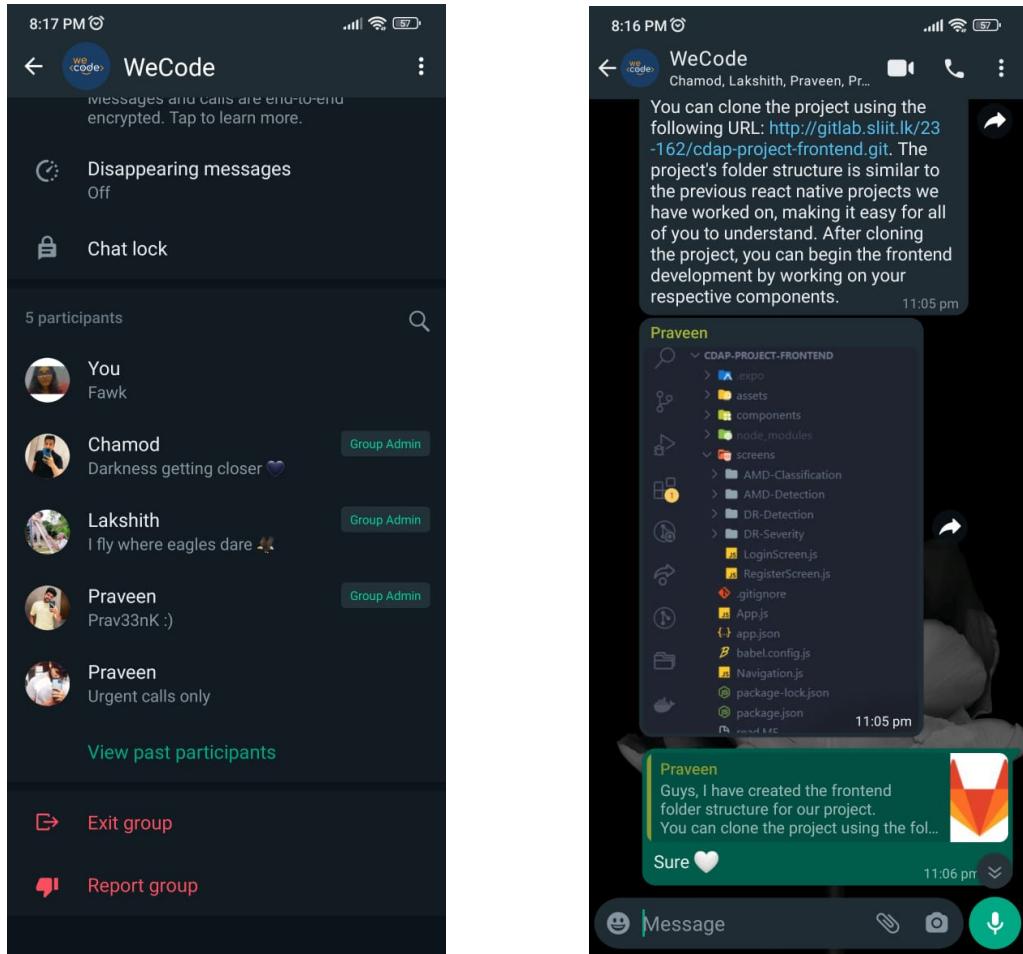
<https://docs.google.com/document/d/1PJHtDwa7wilUo0e5tanBioygflR6aAPYsQ6W-e0wNo8/edit>

 Meeting ended: 51m 56s

 Reply

 New conversation



Individual Project Logs (Teams)

The screenshot shows the Microsoft Planner interface titled "Tasks by Planner and To Do". The left sidebar includes links for Activity, Chat, Teams, Assignments, Calendar, Calls, Files, and Help. A "Tasks by Planner and To Do" section is highlighted. The main area is titled "Assigned to me" and lists the following tasks:

Task title	Source	Priority	Comp
Implement Functionalities of Application using React Native	General / Planner	9/6	
Testing the Application	General / Planner	9/6	
Design and Implement the Model	General / Planner	7/24	!
Train the Model	General / Planner	7/24	!
Design Mobile Application Interfaces	General / Planner	7/24	
Implement UI using React Native	General / Planner	7/24	
Preprocess and Clean the Dataset	General / Planner	7/5	
Start Development Process	General / Planner	7/5	
Research on Technologies to Use	General / Planner	7/5	
Research and Collect Retinal Fundus Image Dataset for DR	General / Planner	7/5	

The screenshot shows a task card for "Deploy Application" due on 07/22. The card has a green circular icon with a white letter "P". Below the card, a list of completed tasks is shown:

- Testing the Application (Completed by Perera H. A. N. S. i...)
- Implement Functionalities of Application using React Native (Completed by Perera H. A. N. S. i...)
- Implement UI using React Native (Completed by Perera H. A. N. S. i...)

Tasks by Planner and To Do

Group by Bucket Filter (1) List Board Charts Schedule

My tasks To Do

- Tasks
- My Day
- Important
- Planned
- Assigned to me
- Flagged Emails

Shared plans Planner

- 23-162_DETECT_AND_ANNOTATE_EY...
 - Planner
 - General

Bucket

Status	Count
Not started	0
In progress	0
Late	1
Completed	10

Tasks

+ Add task

Nilaksha

Deploy Application 07/22 P

Praveen Rasanga Chamod

8:52 PM

This screenshot shows the Microsoft To Do interface with a donut chart at the top right. The chart has a green outer ring and a small red sliver at the top. It is labeled '1 Tasks left'. Below the chart, a bar chart titled 'Bucket' shows a single dark green bar reaching the value of 11. The y-axis ranges from 6 to 12. On the far right, there's a vertical list of names: Praveen, Rasanga, and Chamod, each with a small upward arrow icon.

Tasks by Planner and To Do

Group by Bucket Filter (1) List Board Charts Schedule

My tasks To Do

- Tasks
- My Day
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- Planned
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- Flagged Emails

Shared plans Planner

- 23-162_DETECT_AND_ANNOTATE_EY...
 - Planner
 - General

Priority

Priority	Count
Urgent	0
Important	2
Medium	9
Low	0

Tasks

+ Add task

Nilaksha

Deploy Application 07/22 P

Praveen Rasanga Chamod

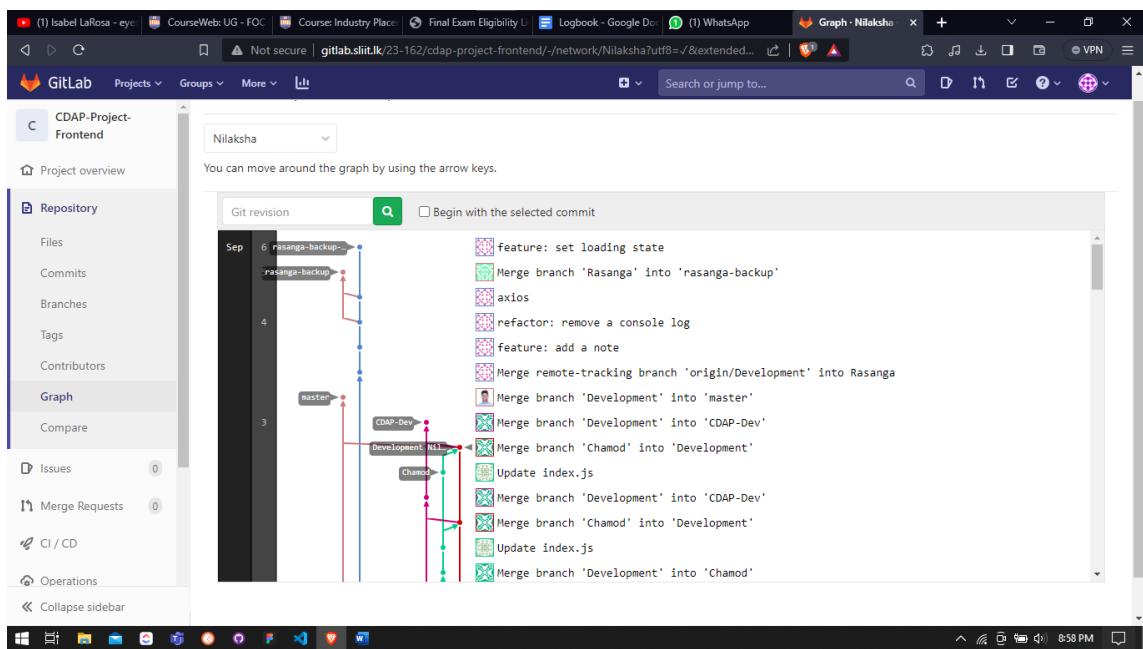
8:53 PM

This screenshot shows the Microsoft To Do interface with a bar chart titled 'Priority' at the top right. The y-axis ranges from 0 to 9. There are three bars: a short dark green bar at level 2 labeled 'Important', a tall dark green bar at level 9 labeled 'Medium', and a very short red bar at level 1 labeled 'Urgent'. Below the priority chart, another bar chart titled 'Members' shows a single dark green bar reaching the value of 11. The y-axis ranges from 0 to 12. On the far right, there's a vertical list of names: Praveen, Rasanga, and Chamod, each with a small upward arrow icon.

Individual Contribution (Gitlab)

IT20166106

14 commits (it20166106@my.sliit.lk)



Screenshot of a GitLab project page for 'CDAP-Project-Frontend' showing commit statistics and merge requests.

Commit statistics for Nilaksha Jun 29 - Sep 03

Excluding merge commits. Limited to 2,000 commits.

- Total: **39 commits**
- Average per day: **0.6 commits**
- Authors: **6**

Commits per day of month

Day of Month	No. of commits
1	1
2	12
3	11
4	1
5	1
6	1
7	1
8	6
9	1
10	1
11	2
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
20	1
21	1
22	1
23	1
24	1
25	1
26	1
27	1
28	1
29	3
30	1
31	1

Commits per weekday

Day of Week	No. of commits
Saturday	18

Merge Requests

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

Open 0 Merged 5 Closed 4 All 9

Edit merge requests New merge request

Recent searches Author = Perera H. A. N. S. Created date

Author	Created Date	Status
Nilaksha	1 month ago	Perera H. A. N. S. MERGED 0 updated 1 month ago
Nilaksha	1 month ago	Perera H. A. N. S. CLOSED 0 updated 1 month ago
Nilaksha	1 month ago	Perera H. A. N. S. CLOSED 0 updated 1 month ago
Praveen	1 month ago	Perera H. A. N. S. MERGED 0 updated 1 month ago
Nilaksha	1 month ago	Perera H. A. N. S. MERGED 0 updated 1 month ago
Nilaksha	1 month ago	Perera H. A. N. S. MERGED 0 updated 1 month ago
Nilaksha	1 month ago	Perera H. A. N. S. MERGED 0 updated 1 month ago
Nilaksha	1 month ago	Perera H. A. N. S. MERGED 0 updated 1 month ago