

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

23-162

Project Logbook

Kariyawasam K.G.P.C

IT20172978

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

Department of Computer Science and Software Engineering

Sri Lanka Institute of Information Technology

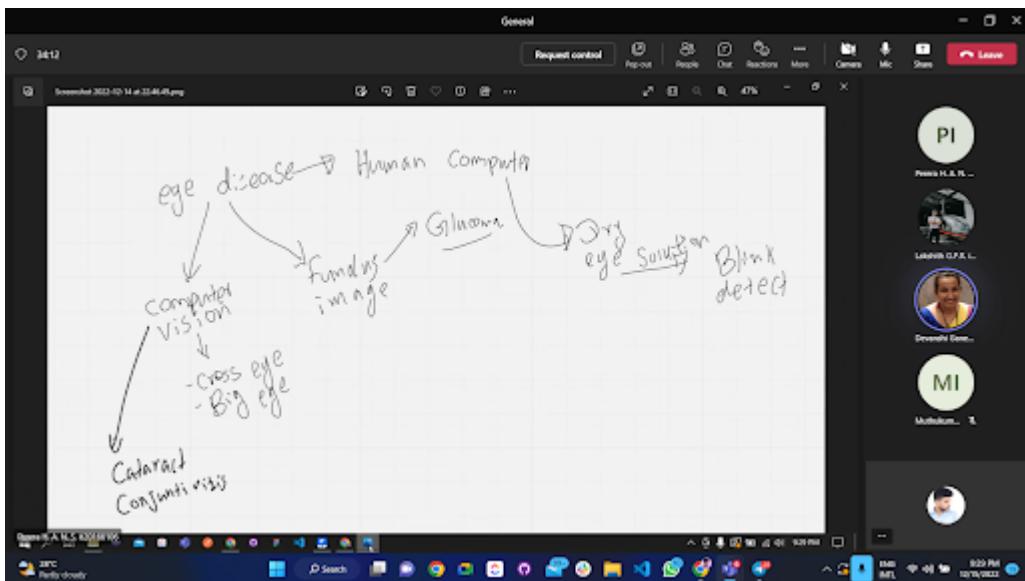
Sri Lanka

October 2023

Supervisor Meetings

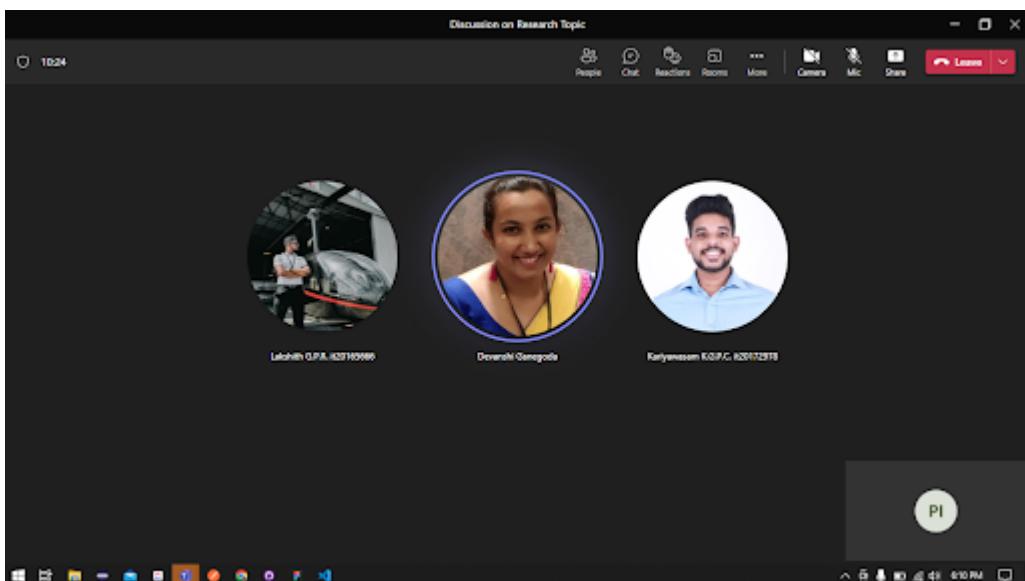
Date - 15th December 2022

Discussion - Discuss 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 that arose in the research project

The screenshot shows a Microsoft Teams meeting summary. At the top, it says "Perera H. A. N. S. it20166106 2/6 12:49 PM" and "Scheduled a meeting". Below this is a blue header bar with the title "Discussion Regarding Research Topic" and the date "Monday, February 6, 2023 @ 4:00 PM". To the right of the title is a three-dot menu icon. Under the header, there is a list item with a checkbox and the text "Discussion Regarding Research Topic ended: 34m 47s". Below this is a button labeled "Attendance report" with a downward arrow icon, followed by the text "Click here to download attendance report". At the bottom left is a "Reply" button with a reply arrow icon. On the far right, there are icons for "PI", "KI", and four other team members.

Date - 20th January 2023

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

The screenshot shows a Microsoft Teams meeting summary. At the top, it says "Perera H. A. N. S. it20166106 1/20 5:41 PM" and "Scheduled a meeting". Below this is a blue header bar with the title "Discussion regarding research" and the date "Friday, January 20, 2023 @ 6:00 PM". To the right of the title is a three-dot menu icon. Under the header, there is a list item with a checkbox and the text "Discussion regarding research ended: 38m 43s". Below this is a button labeled "Attendance report" with a downward arrow icon, followed by the text "Click here to download attendance report". At the bottom left is a "Reply" button with a reply arrow icon. On the far right, there are icons for "PI", "KI", and four 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

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

Meeting with supervisor
Microsoft Teams Meetin ↗

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

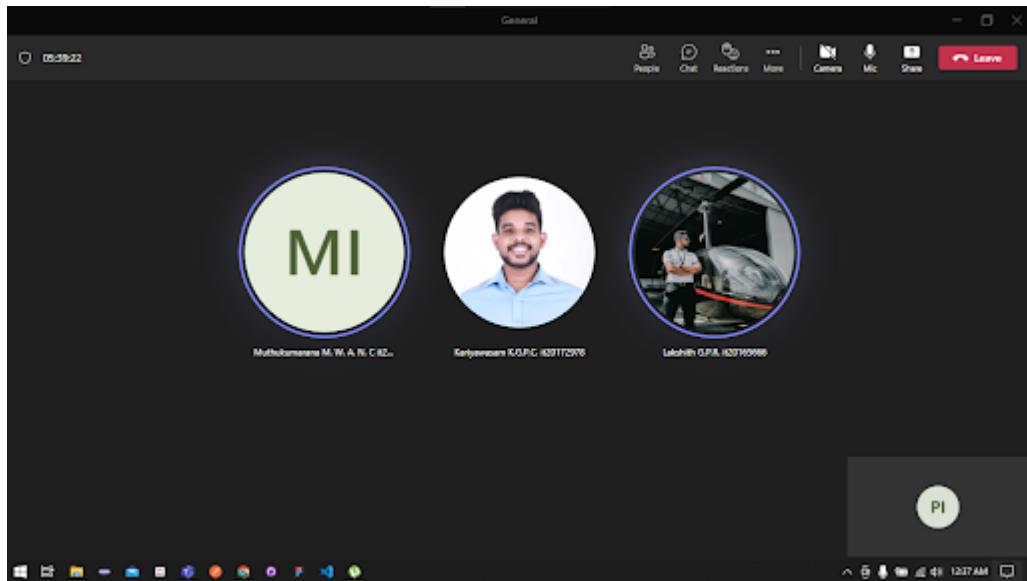
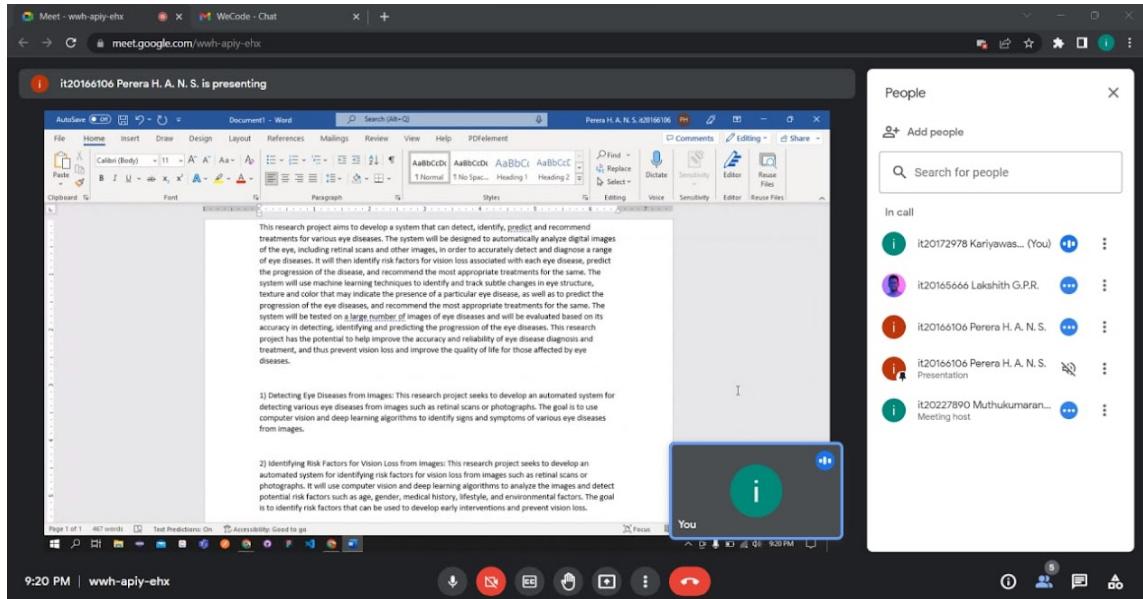
Perera H. A. N. S. it20166106
Organizer

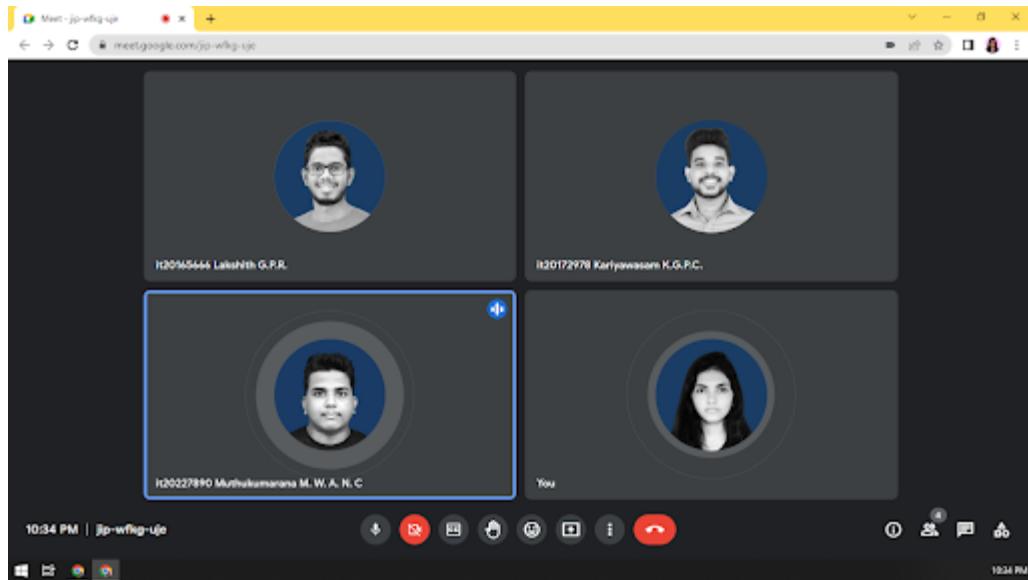
Discussion - Discussion about the progress of the research project

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'. The left sidebar shows team activity, chat, assignments, calendar, calls, files, and apps. The main area displays a feed of posts. One post from 'Perera H. A. N. S. it20166106' on February 2, 2023, mentions a 'Daily Progress Meeting' scheduled daily at 7:00 PM until March 1, 2023. Another post from the same user on March 6, 2023, says 'CDAP ended: 1h 6m'. A third post on March 28, 2023, links to an 'Attendance report'. A 'New conversation' button is at the bottom.

 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

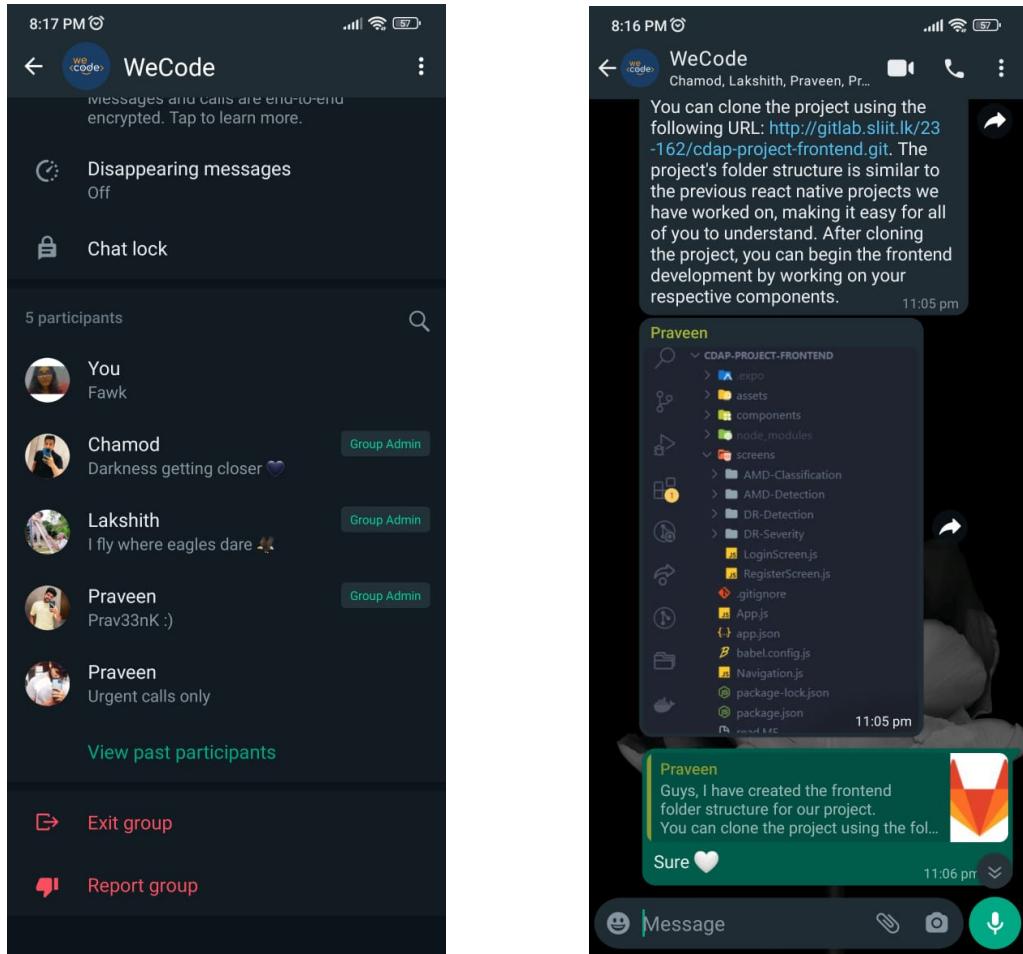
<https://docs.google.com/document/d/1PJHtDwa7wilUo0e5tanBioygflR6aAPYsQ6W-e0wNo8/edit>

 Meeting ended: 51m 56s

 Reply

 New conversation



Individual Project Logs (Teams)

The screenshot shows the Microsoft Teams Planner view for a team named "General". The left sidebar lists various team channels and apps. The main area has tabs for General, Posts, Files, and Planner. The Planner tab is selected, displaying a list of tasks under the "Task title" column. The tasks are:

- Testing the Application
- Integrate the Trained Model
- Implement Functionality of Application using React Native
- Implement UI using React Native
- Design Mobile Application Interfaces
- Train the Model
- Design and Implement the Model
- Preprocess and Clean the OCT Dataset
- Start Development Process
- Research on Technologies to Use
- Research and Gather Labeled Retinal OCT Image Dataset for AMD

Each task includes a small profile picture, the assignee's name, the due date (10/31 or 7/24), the priority (Praveen or High), and a three-dot menu icon.

The screenshot shows the Microsoft Teams Planner view for the same "General" team. The left sidebar is identical. The main area displays a summary dashboard with four charts:

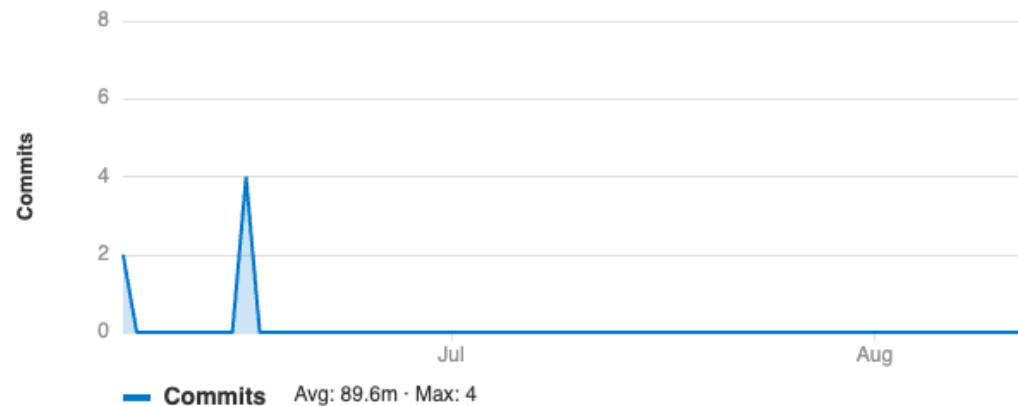
- Status:** A donut chart showing 0 Tasks left.
- Bucket:** A bar chart showing the distribution of tasks across four buckets: Not started (0), In progress (0), Late (0), and Completed (11).
- Priority:** A bar chart showing the distribution of tasks across four priority levels: Urgent (0), Important (0), Medium (10), and Low (2).
- Members:** A horizontal bar chart showing the number of tasks assigned to each member: Nilaksha (0), Praveen (0), Rasanga (0), and Chamod (12). Below this, an "Unassigned" category is shown with a value of 0.

On the right side, there is a "Tasks" section with a search bar and a list of members: Nilaksha, Praveen, Rasanga, Chamod, and Completed. Each member has a collapse/expand arrow next to their name.

Individual Contribution (Gitlab)

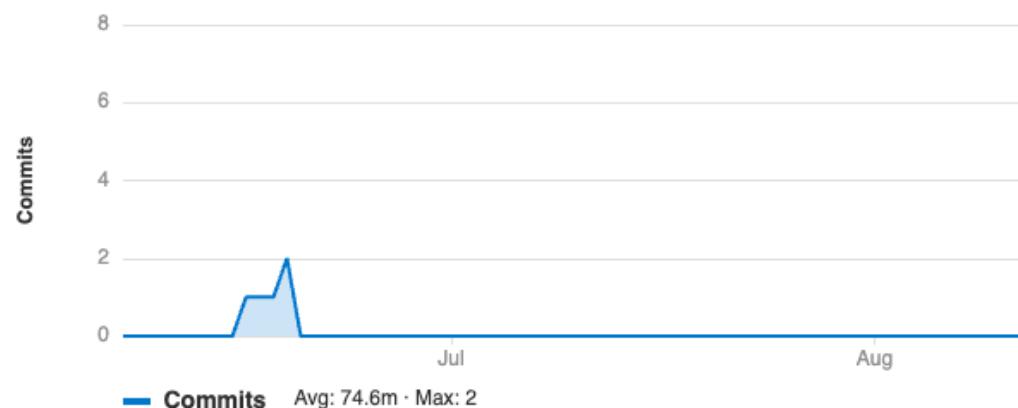
IT20172978

6 commits (it20172978@my.sliit.lk)



PraveenTSG

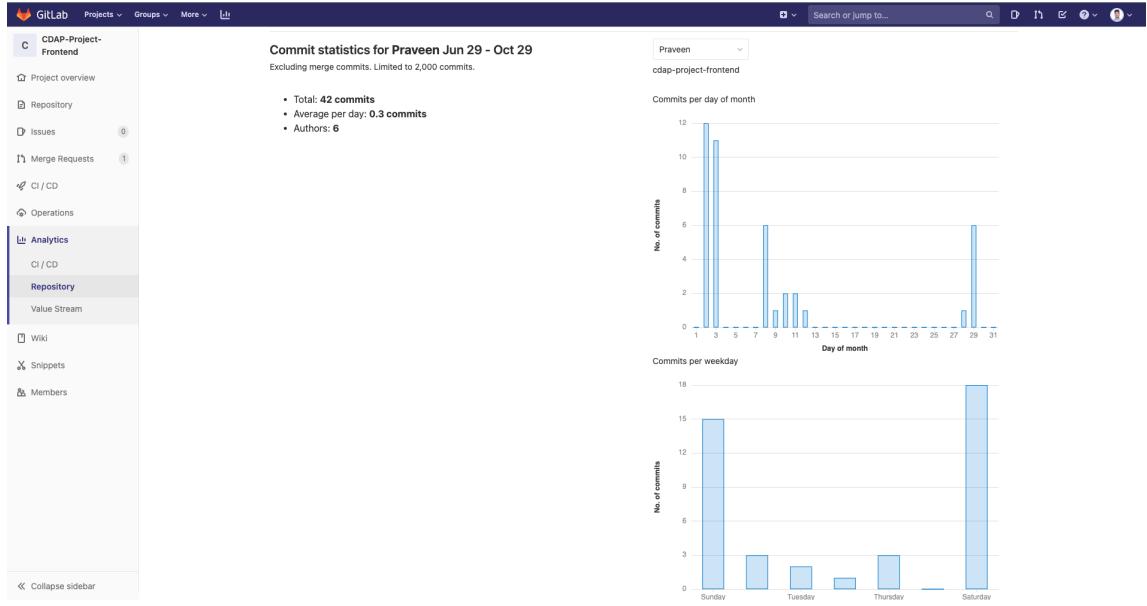
5 commits (praveen@thirdspaceglobal.com)



The screenshot shows the GitLab interface for the 'cdap-project-frontend' repository. The sidebar on the left lists various project management sections: Project overview, Repository (selected), Files, Commits (selected), Branches, Tags, Contributors, Graph, Compare, Issues, Merge Requests, CI / CD, Operations, Analytics, Wiki, Snippets, and Members. The main content area displays the commit history for the 'master' branch. A search bar at the top right allows users to search for specific commits or code snippets.

Date	Author	Commit Message	SHA
03 Sep, 2023	2 commits		
	Praveen Kaliyawasam	Merge branch 'Praveen' into 'Development'	e1842609
	Praveen Kaliyawasam	Merge branch 'Praveen' into 'Development'	a416de52
02 Sep, 2023	5 commits		
	Perera H. A. N. S	Merge branch 'Praveen' into 'Development'	bff59bba
	Praveen Kaliyawasam	Merge branch 'Development' into 'Praveen'	e68e9c82
	Praveen Kaliyawasam	Merge branch 'Praveen' into 'Development'	e22a30d7
	Praveen Kaliyawasam	Merge branch 'Development' into 'Praveen'	2cae893f
	Praveen Kaliyawasam	Merge branch 'Praveen' into 'Development'	dd7b8927
08 Jul, 2023	1 commit		
	Praveen Kaliyawasam	Merge branch 'Praveen' of http://gitlab.slt.li/23-162/cdap-project-frontend into Development	6f6632d2

The screenshot shows the GitLab Graph interface for the CDAP-Project-Frontend repository. The main view displays a timeline of commits from October 29 to September 4. The 'Development' branch is the central focus, with many commits merging into it from other branches like 'Chamod', 'Praveen', 'Nilaksha', and 'rasanga-backup'. The 'master' branch is also visible, receiving merges from 'Development' and 'Chamod'. A sidebar on the left provides navigation links for the repository, including Project overview, Repository, Files, Commits, Branches, Tags, Contributors, Graph, Compare, Issues, Merge Requests, CI / CD, Operations, Analytics, Wiki, Snippets, and Members. The Graph link is currently selected.



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

Open 0 Merged 9 Closed 0 All 9

Edit merge requests New merge request

Recent searches Author = Praveen Kariyawasam

Created date

Author	Title	Status	Merge Status	Last Update
Praveen	I45 - opened 1 day ago by Praveen Kariyawasam	V Praveen	MERGED	0 updated 1 day ago
Development	I42 - opened 1 day ago by Praveen Kariyawasam	V Praveen	MERGED	0 updated 1 day ago
Development	I36 - opened 1 month ago by Praveen Kariyawasam		MERGED	0 updated 1 month ago
Praveen	I30 - opened 1 month ago by Praveen Kariyawasam	V CDAP-Dev	MERGED	0 updated 1 month ago
UI updated	I29 - opened 1 month ago by Praveen Kariyawasam	V Development	MERGED	0 updated 1 month ago
UI updated	I26 - opened 1 month ago by Praveen Kariyawasam	V Development	MERGED	0 updated 1 month ago
Development	I15 - opened 1 month ago by Praveen Kariyawasam	V Praveen	MERGED	0 updated 1 month ago
Frontend updated	I11 - opened 1 month ago by Praveen Kariyawasam	V Development	MERGED	0 updated 1 month ago
Backend integrated	I7 - opened 1 month ago by Praveen Kariyawasam	V Development	MERGED	0 updated 1 month ago