Decentralized Patient Registration

Project ID: 23-103

Log Book

Wijesinghe R.M.U.S – IT20015244

Supervisor – Dr. Nuwan Kodhagoda

Co-Supervisor – Mr. Thusithanjana Thilakarathna

BSc (Hons) In Information Technology Specializing in Software Engineering

Department of Computer Science and Software Engineering

Sri Lanka Institute of Information Technology
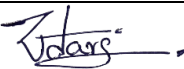
Sri Lanka

September 2023

Contents

Declaration

I declare that this is our own work, and this status document does not incorporate without acknowledgement any material previously submitted for a degree or diploma in any other university or institute of higher learning and to the best of our knowledge and belief it does not contain any material previously published or written by another person except where the acknowledgement is made in the text.

Name	Student ID	Signature
R.M.U.S Wijesinghe	IT20015244	

The above candidates are carrying out research for the undergraduate dissertation under my supervision.

Signature of the Supervisor: Date:

Signature of the Co-Supervisor: Date:
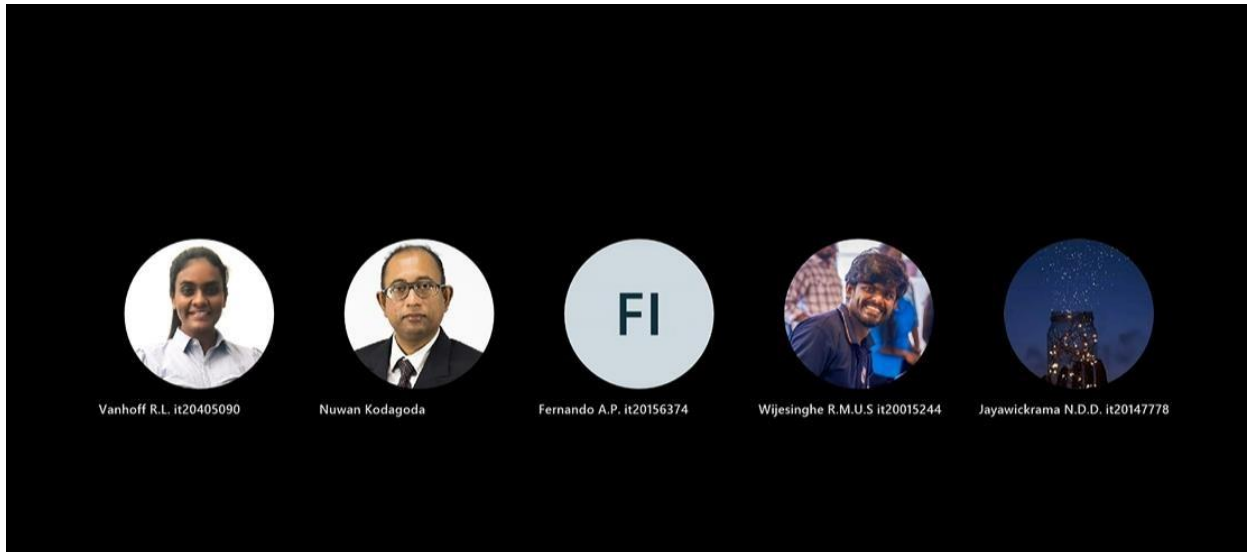
1. MS Teams Details

1.1 Team Calls with Supervisor

Figure 1Teams Calls with Supervisor

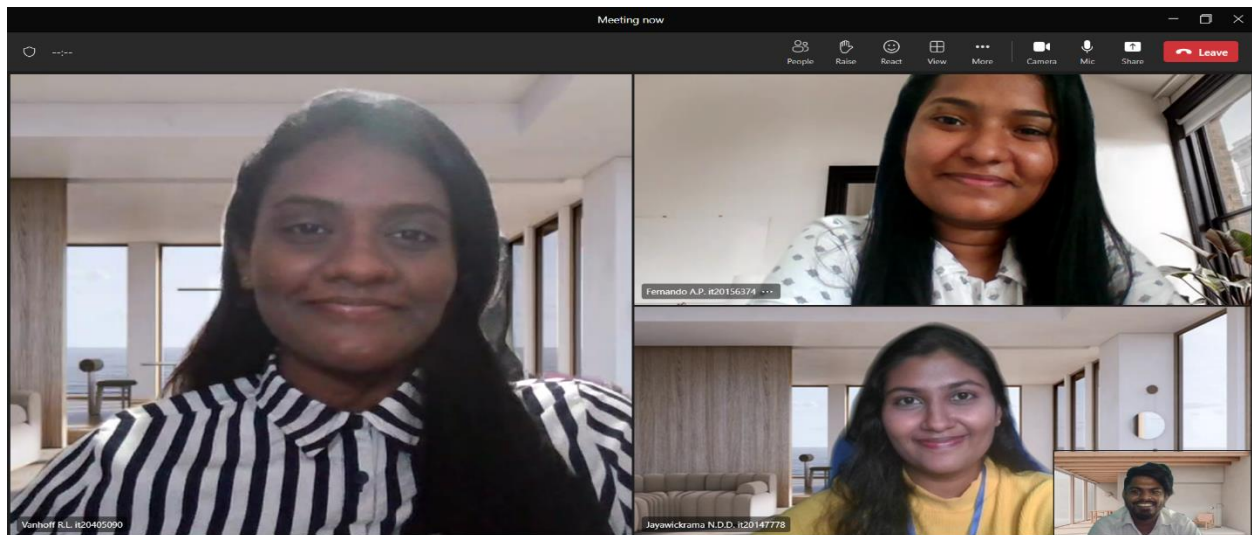## 1.2 Teams Meeting with Group Members

Figure 2 Teams Meeting with Group Members
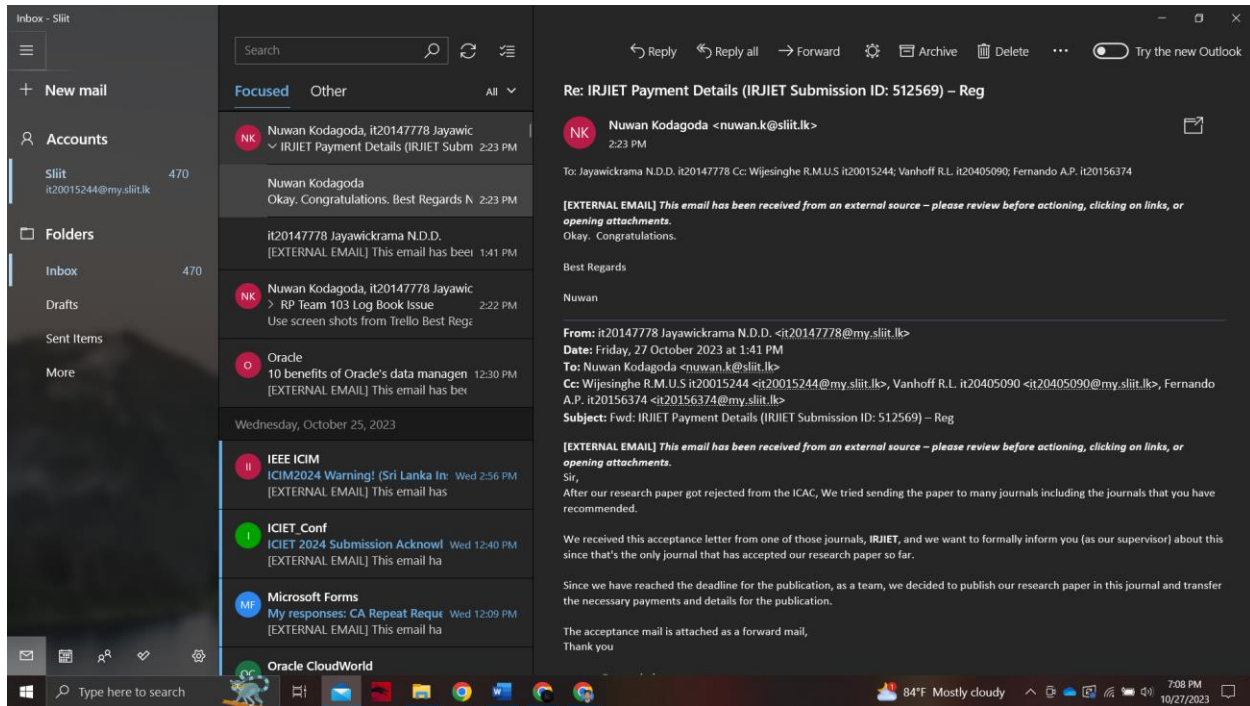
2. Mail Chat with Supervisor

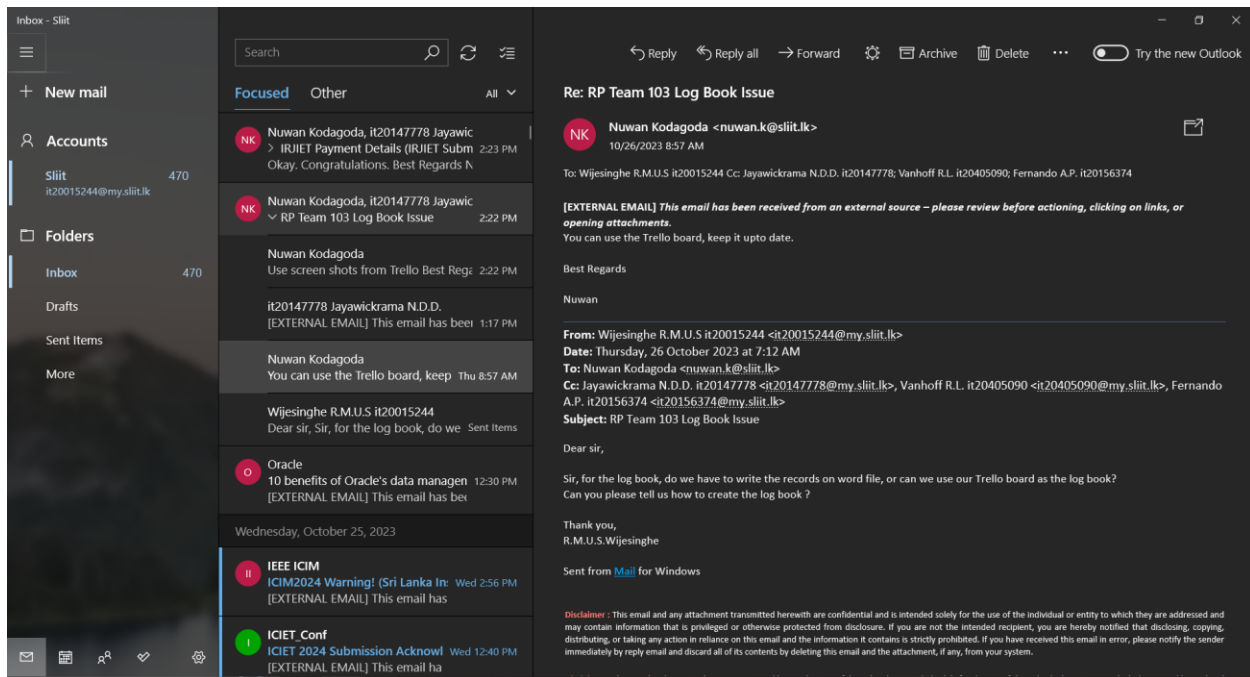
Figure 3 2.1 Mail Chat with Supervisor

Figure 4 2.2 Mail Chat with Supervisor

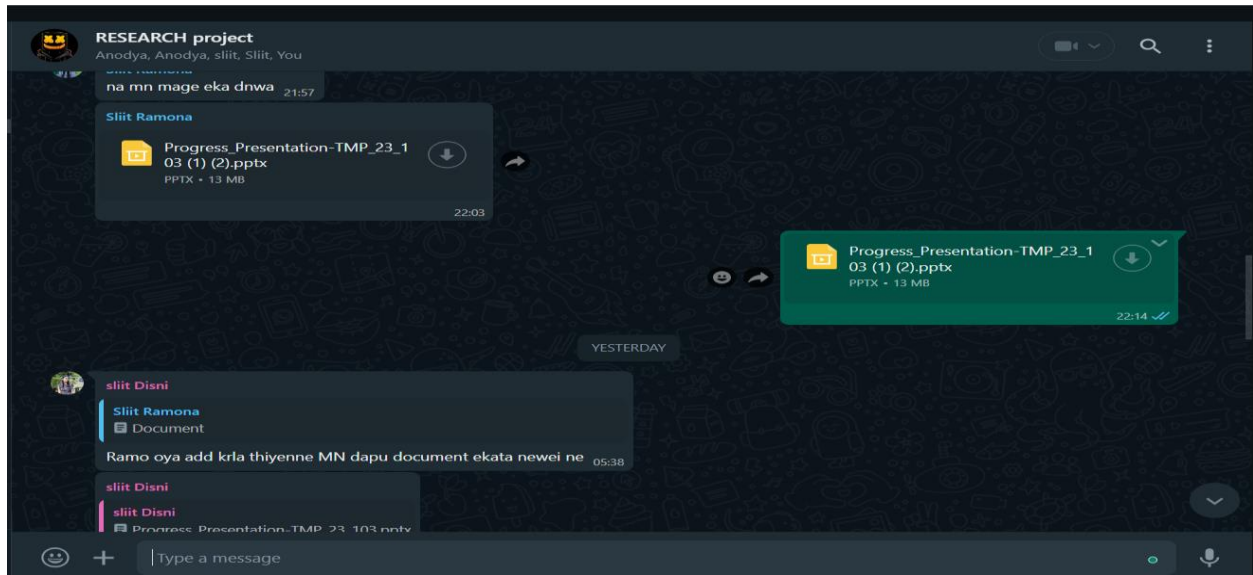# 3. WhatsApp Chat with Group Members

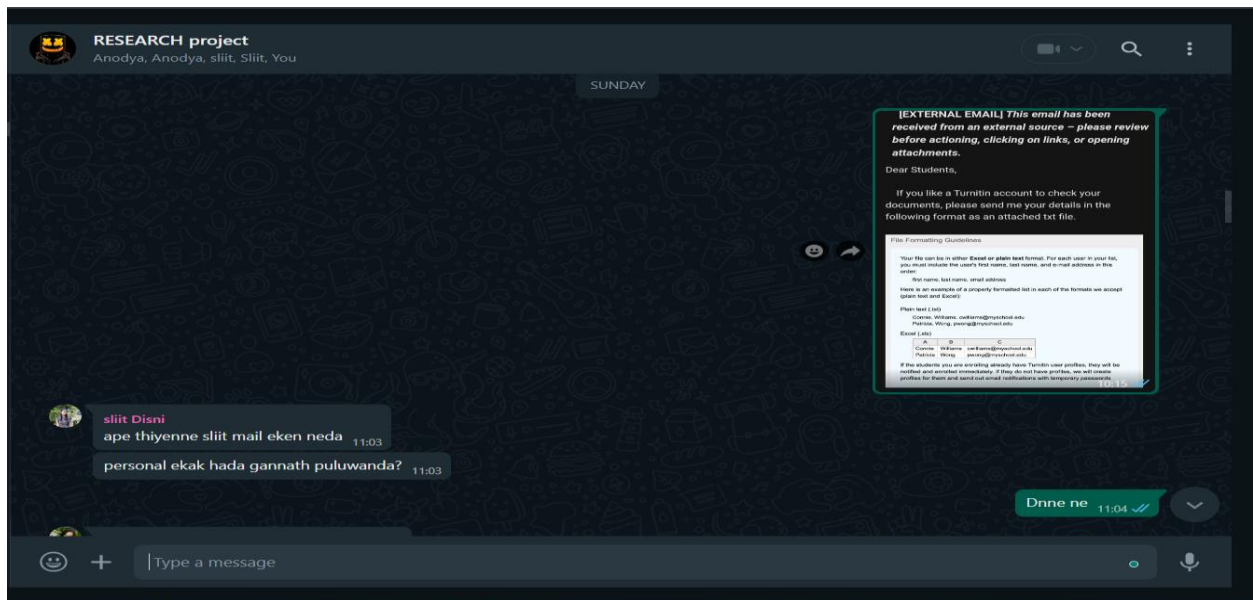
Figure 5 3.1WhatsApp chat

Figure 6 3.2 WhatsApp chat

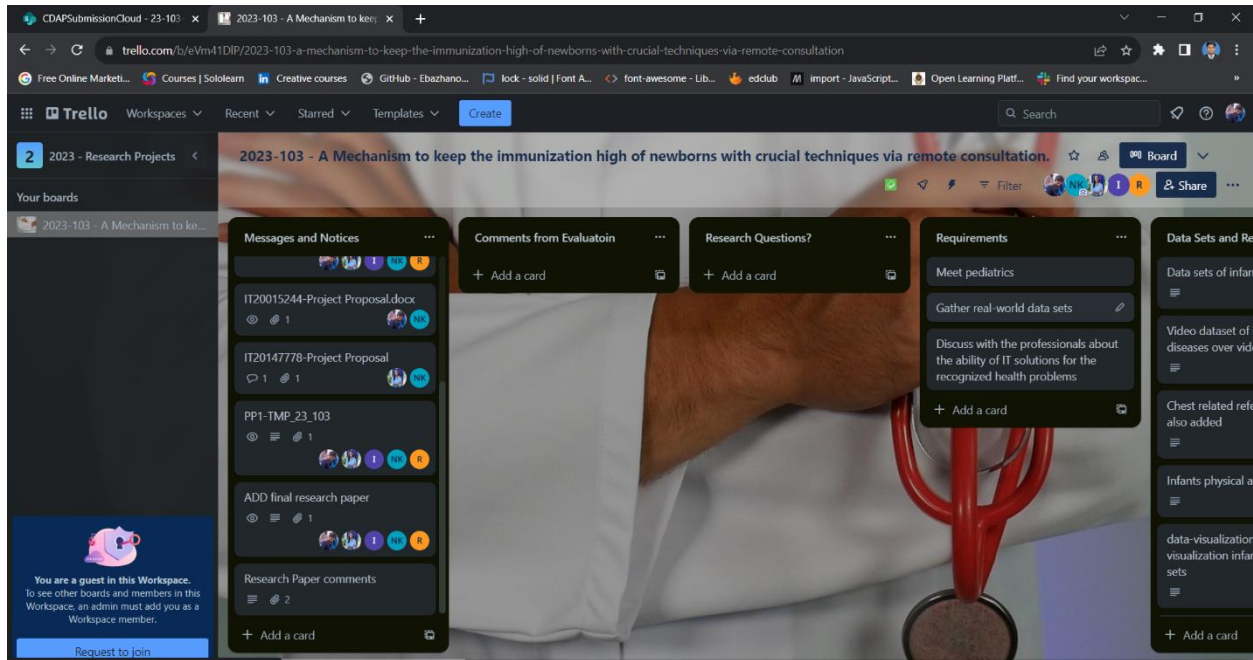# 4. Trello Screenshots

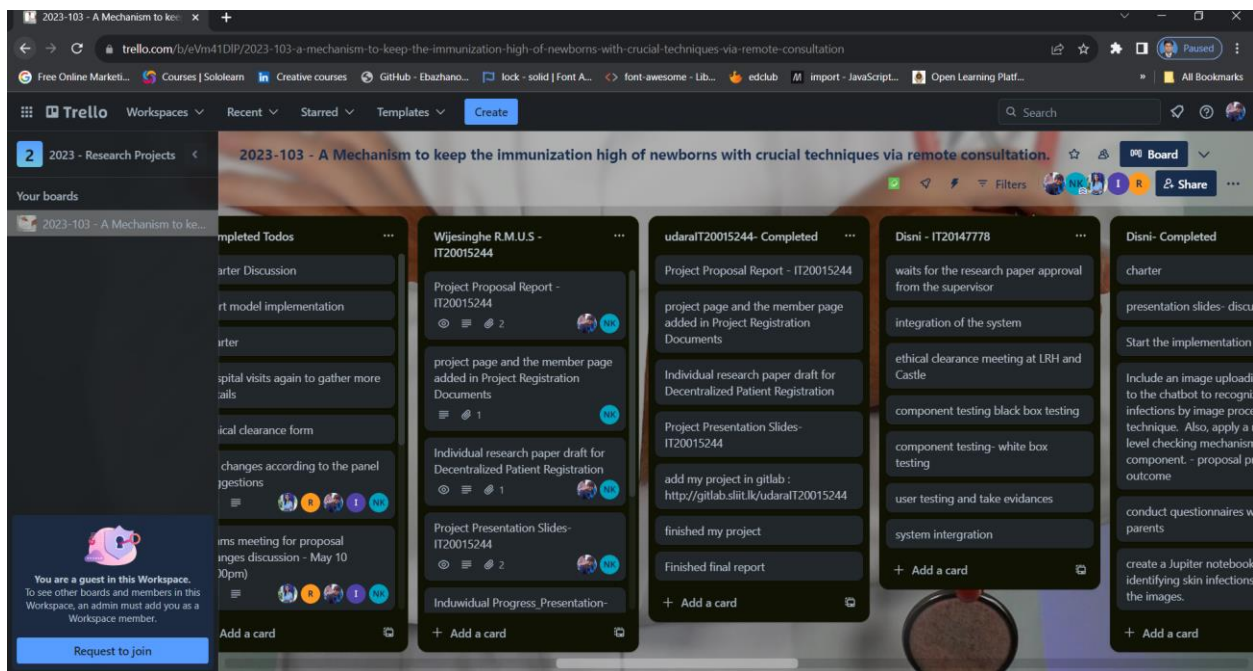*Figure 7 4.1 Trello work*

Figure 8 4.2 Trello work

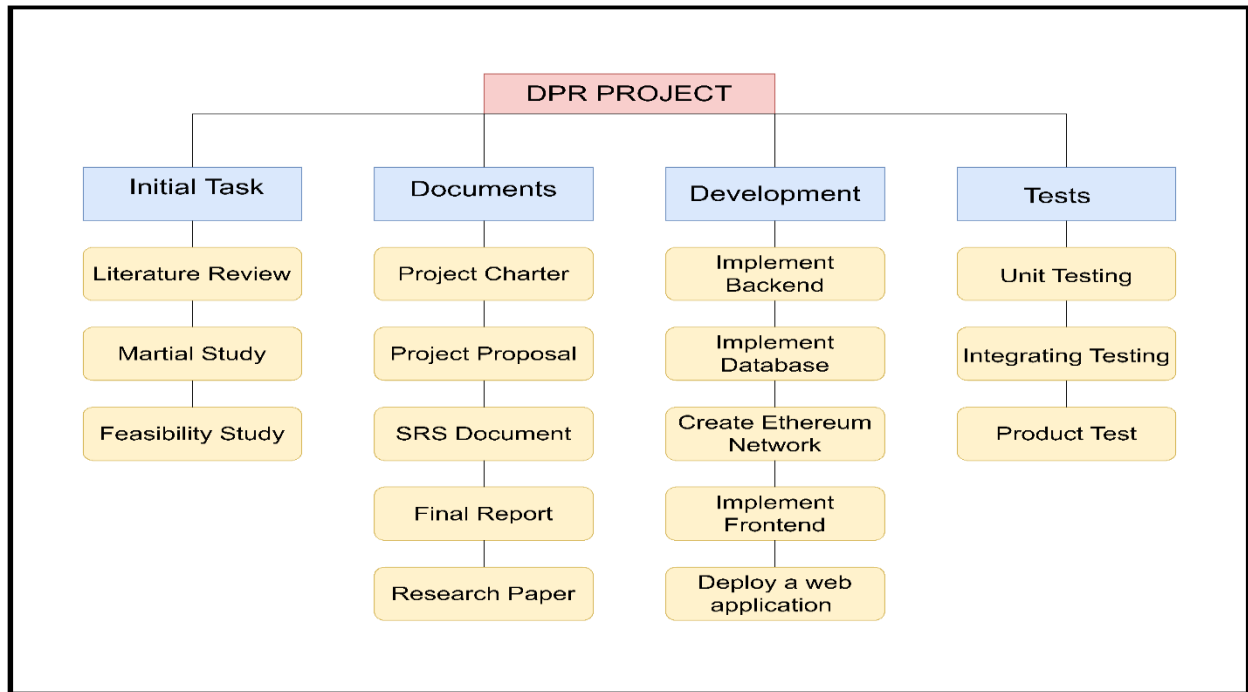# 5. Work Breakdown Chart

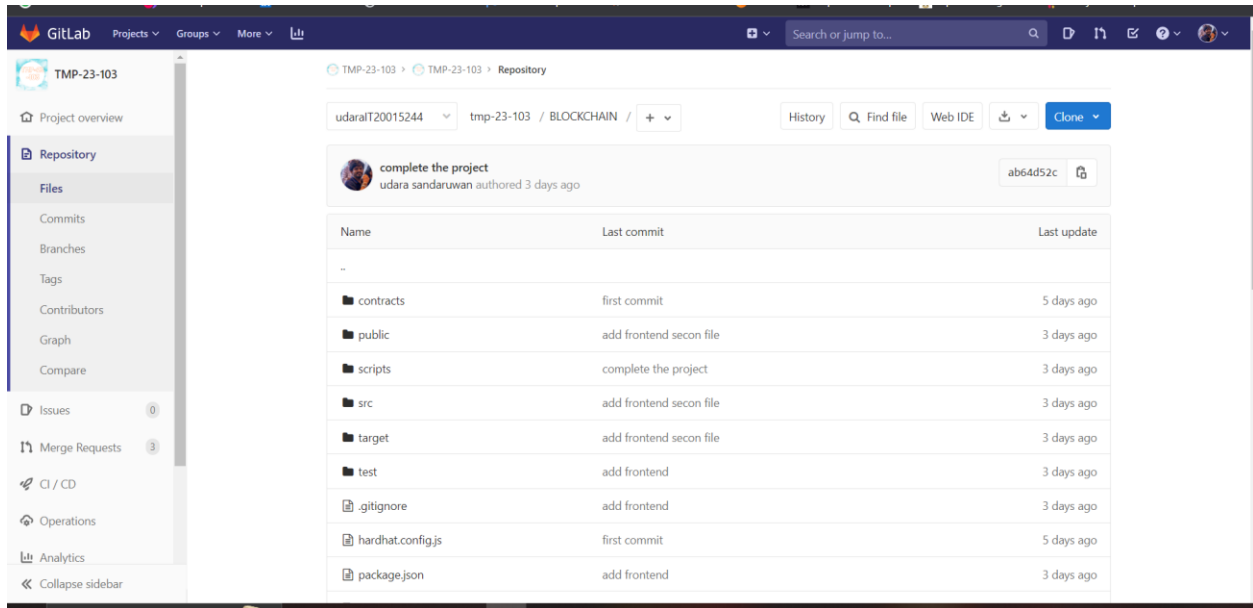*Figure 9 Work Breakdown Chart*

6. Gitlab Evidence

Figure 10 6.1 GitLab commits.
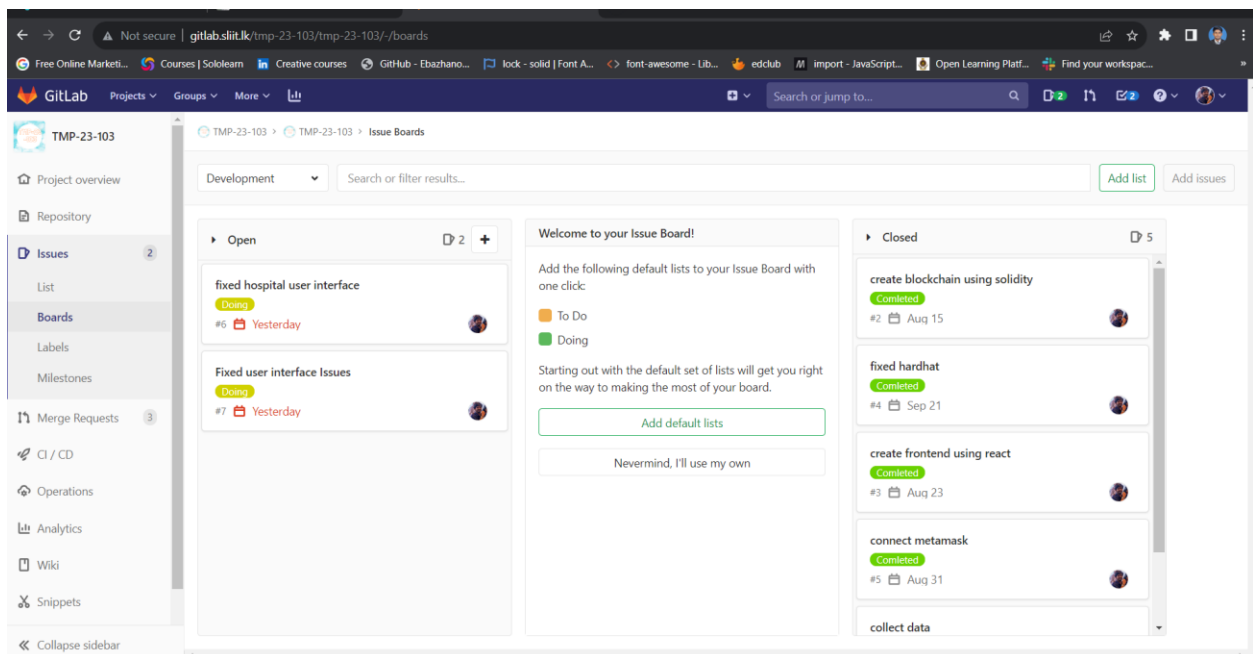
Figure 11 6.2 GitLab Todo worklist

9
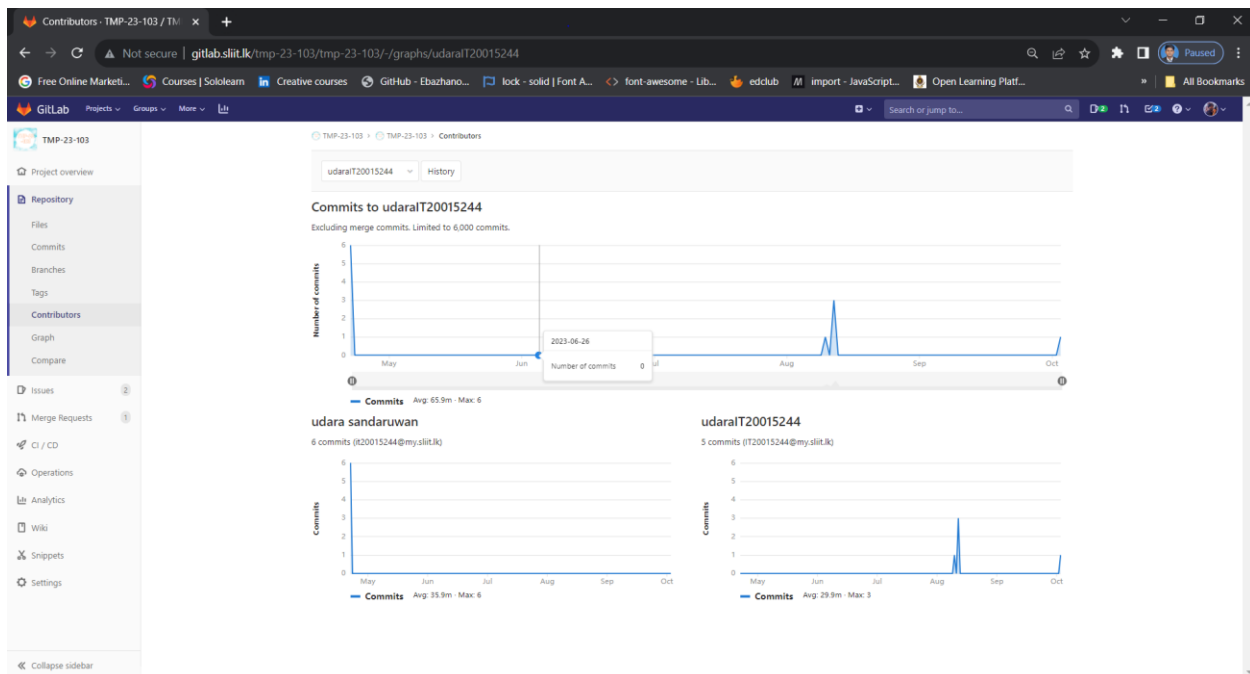
Figure 12 6.3 Git Lab Chart
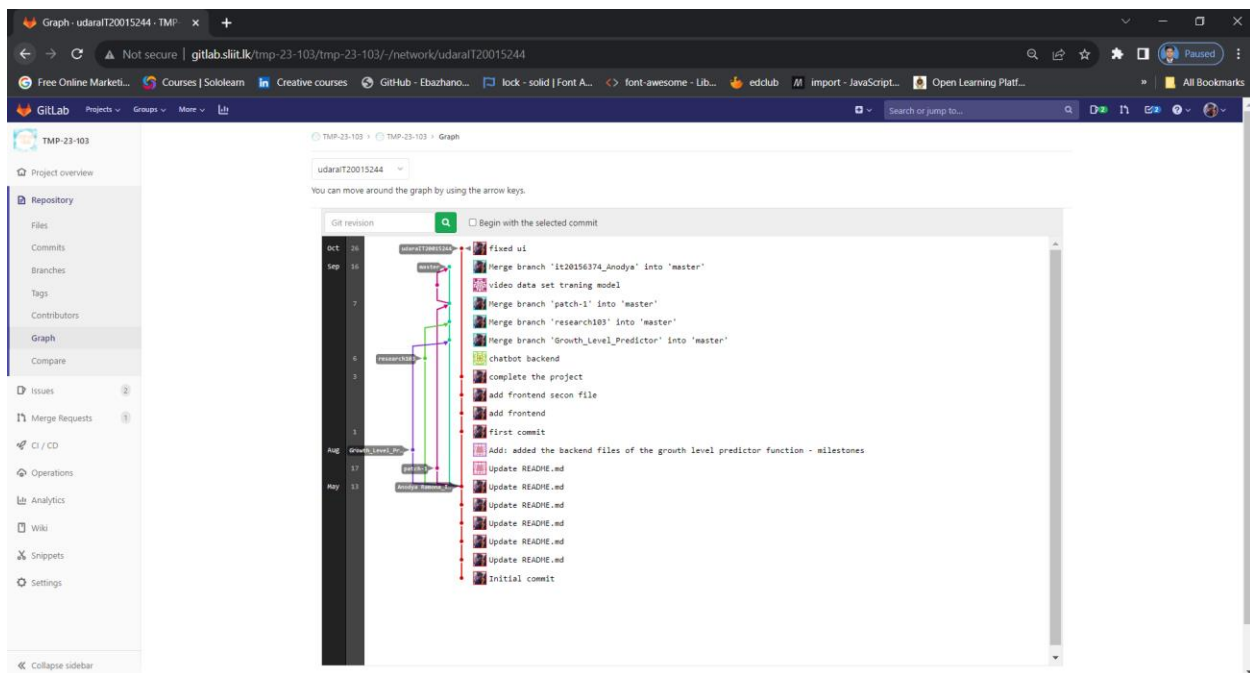
Figure 13 6.4 Git Lab Graph

Trello Board

As our supervisor, Doc. Nuwan Kodagoda created a Trello board to update our research tasks, and to-dos and submit the documents, we have conducted the Trello board as our logbook.

Our supervisor confirmed that he will mark the Trello board as a logbook.

Here is the link for the Trello board -
https://trello.com/invite/b/eVm41DlP/ATTId175b5bfc36212cce6e3d48312a8fc2136F3D215/2023-103-a-mechanism-to-keep-the-immunization-high-of-newborns-with-crucial-techniques-via-remote-consultation

Here are some screenshots of evidence -

To-Dos – Here only hosting part is there for the todo, other tasks are completed and moved on to the next column, "Disni - Completed"

Trello Board
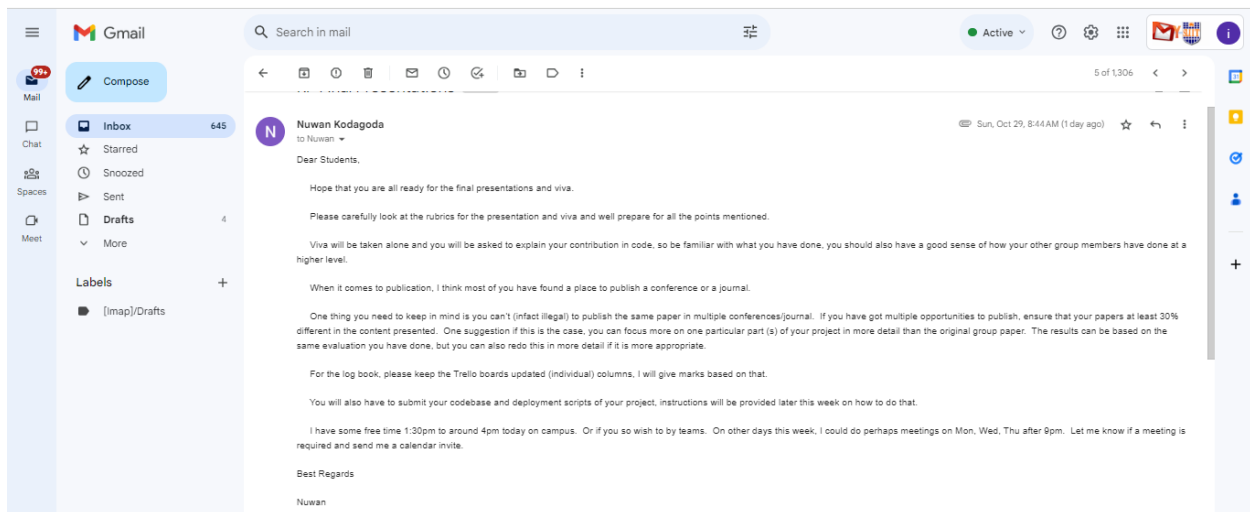
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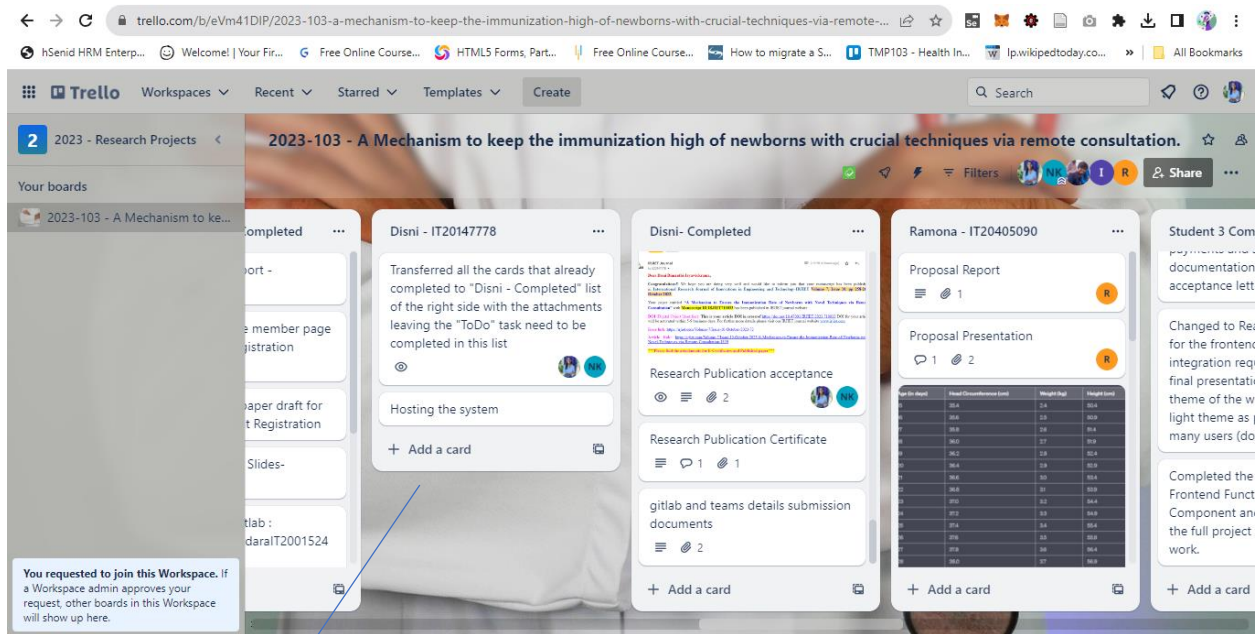Our supervisor confirmed that he will mark the Trello board as a logbook and keep the Trello board updated.
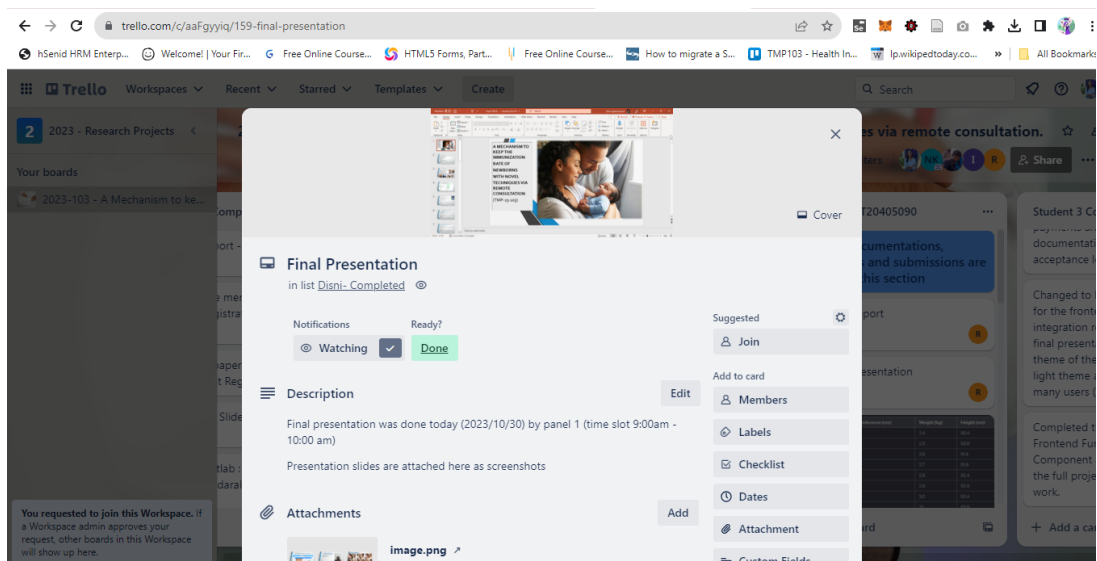
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Here are some screenshots of evidence -

2023-103 - A Mechanism to keep the immunization high of newborns with crucial techniques via remote consultation. ☆ ⚙ 🔲 Board ⌄

✅ ◁ ⚡ = Filters R NK 👥 👤 I & Share ⋯

Messages and Notices ⋯

Mooc Recommender Papers
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Project_Charter_TMP-23-103.pdf
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Project_Presentation-TMP_23_103
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IT20015244-Project Proposal.docx
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IT20147778-Project Proposal
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PP1-TMP_23_103
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+ Add a card

Comments from Evaluatoin ⋯
+ Add a card 🗖

Research Questions? ⋯
+ Add a card 🗖

Requirements ⋯
Meet pediatrics ✏
≡
Gather real-world data sets

Discuss with the professionals about the ability of IT solutions for the recognized health problems

+ Add a card 🗖

Data Sets and References ⋯
Data sets of infants pictures
≡

Video dataset of infants to diagnosis diseases over video conference

Chest related references but infants also added
≡

Infants physical appearance analysis
≡

data-visualization - data visualization infants feeding data sets
≡

+ Add a card 🗖

Todo
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o.com/_/2023-103-a-mechanism-to-keep-the-immunization-high-of-newborns-with-cru

Daily Tasks and all the documents

Anodya Poojani - IT20156374 ⋯

All the individual documents are listed here

Proposal Report
≡ 📎 1

Proposal Presentation
≡ 📎 1

Status Document 1
≡ 📎 1

Updated proposal report

+ Add a card 🖥

Student 4 Completed ⋯

All the daily logs and tasks that completed are listed here

Individual Proposal Presentaion completed - changed the component by the panel.

Individual Proposal Report completed

after the proposal presentation investigated more existing research papers, video tutorials, articles and other resources .

+ Add a card 🖥

I have added all the documents such as proposal document,
individual final reports as below inside the cards

All the website interfaces are added to the cards.

As a group we have updated all the completed tasks and to do tasks
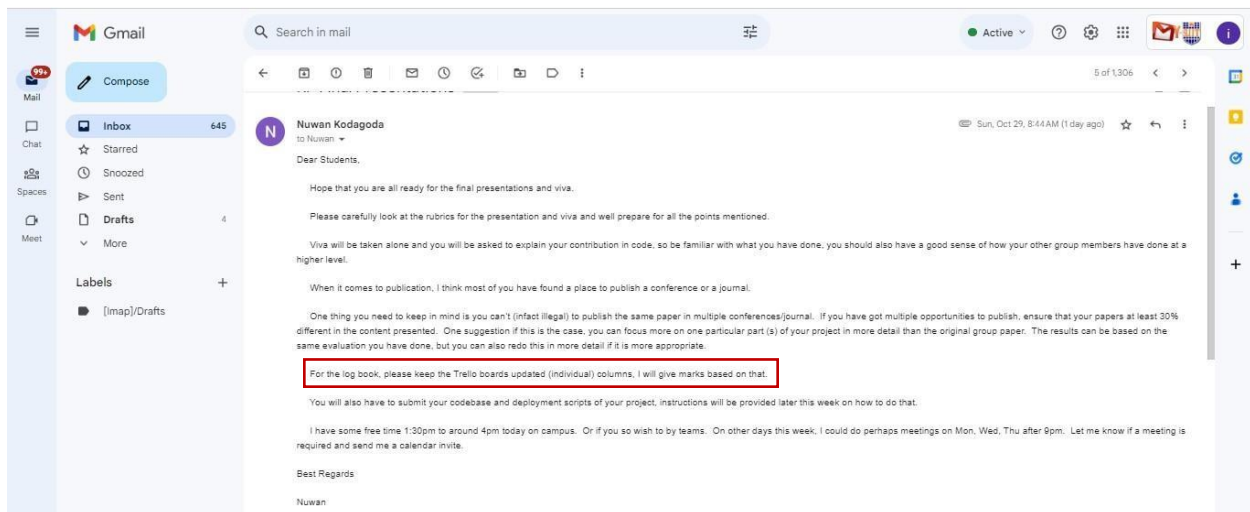
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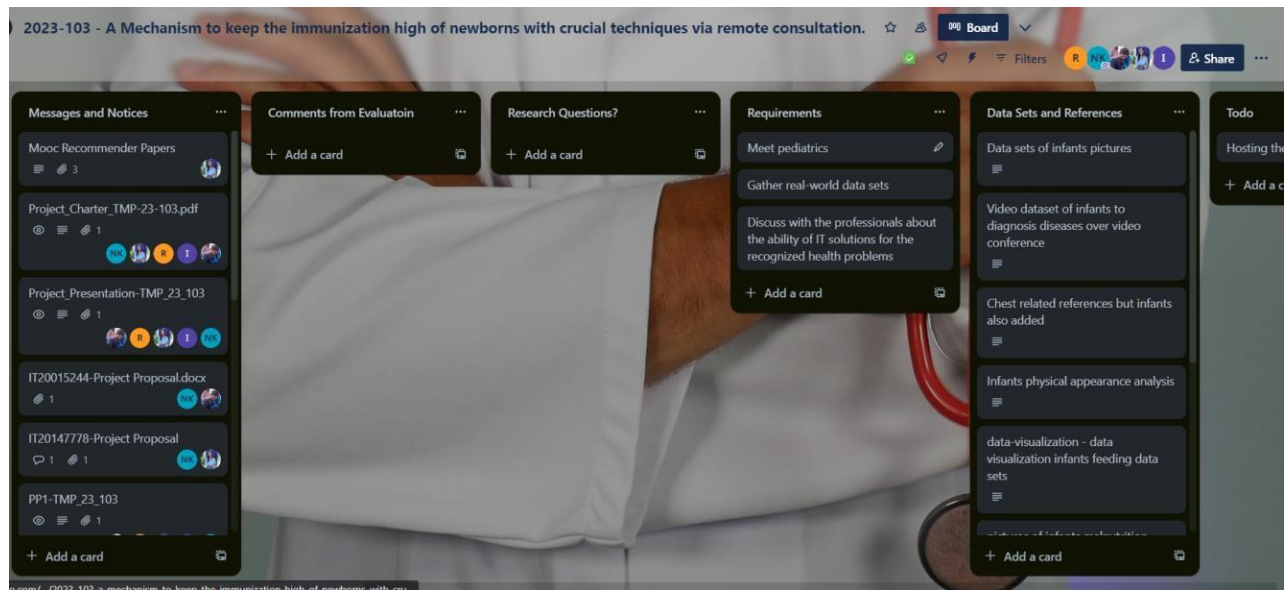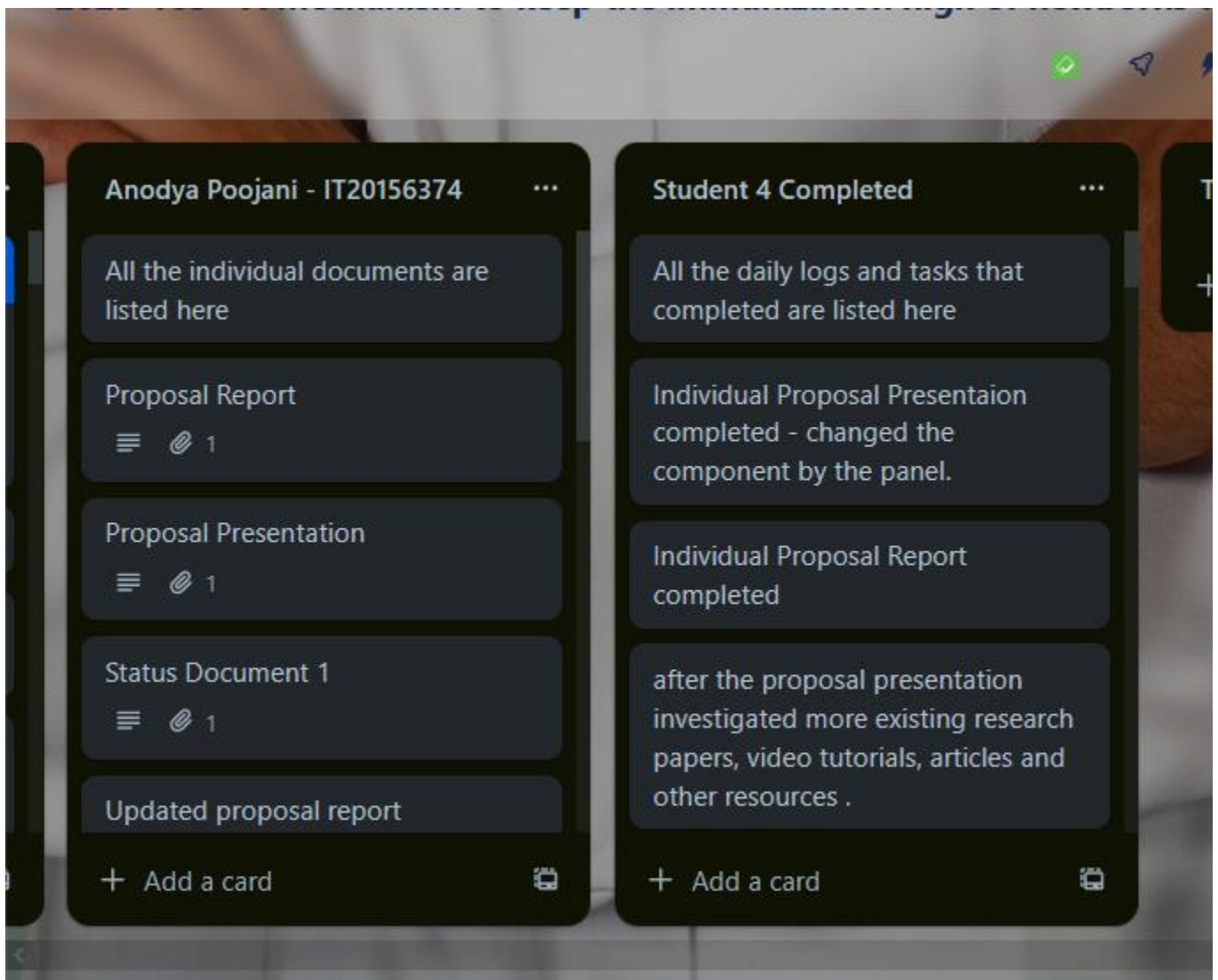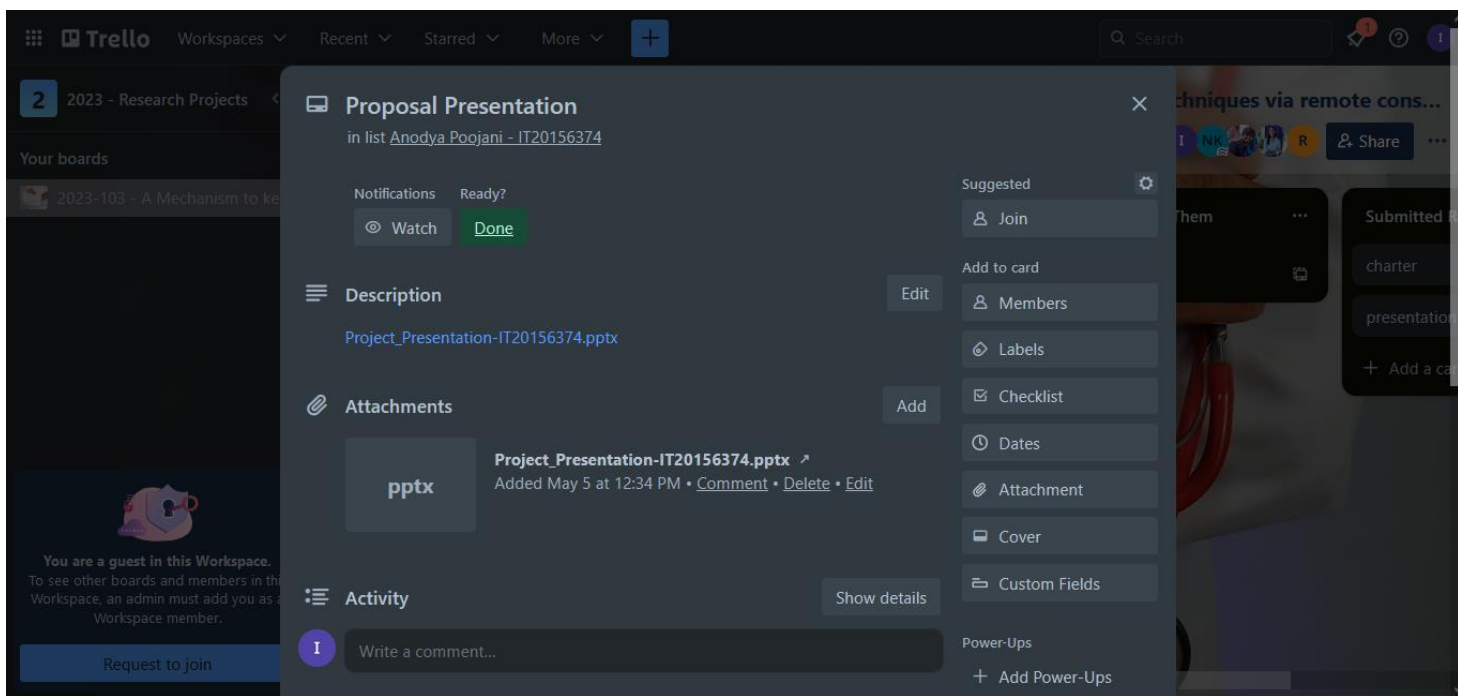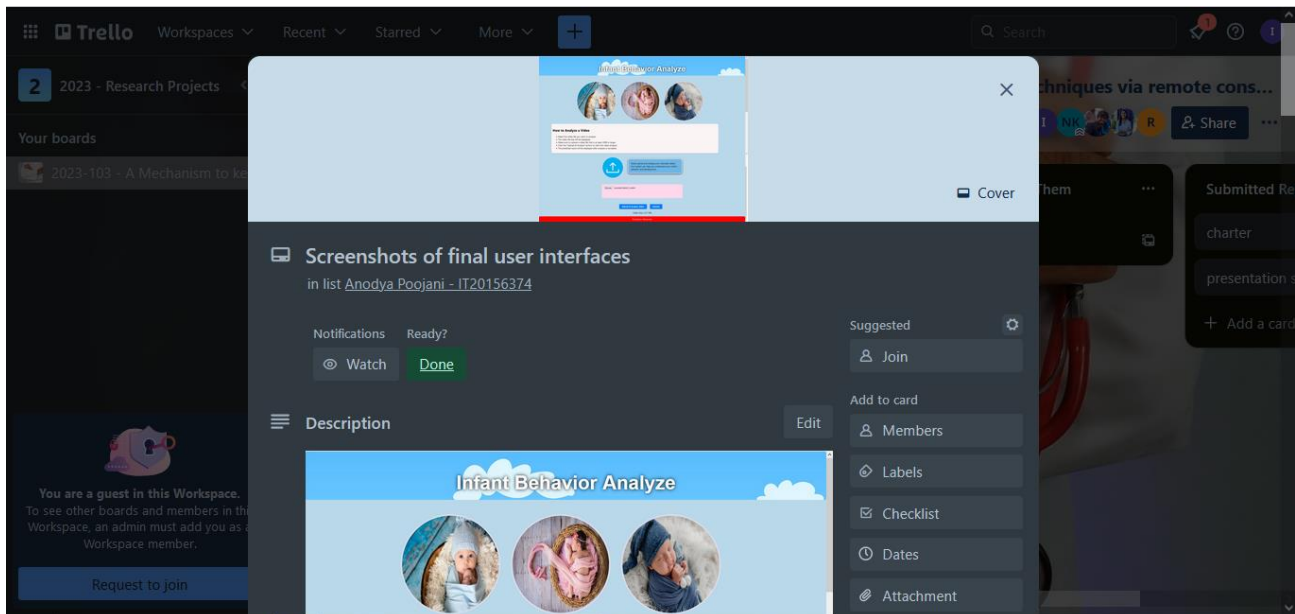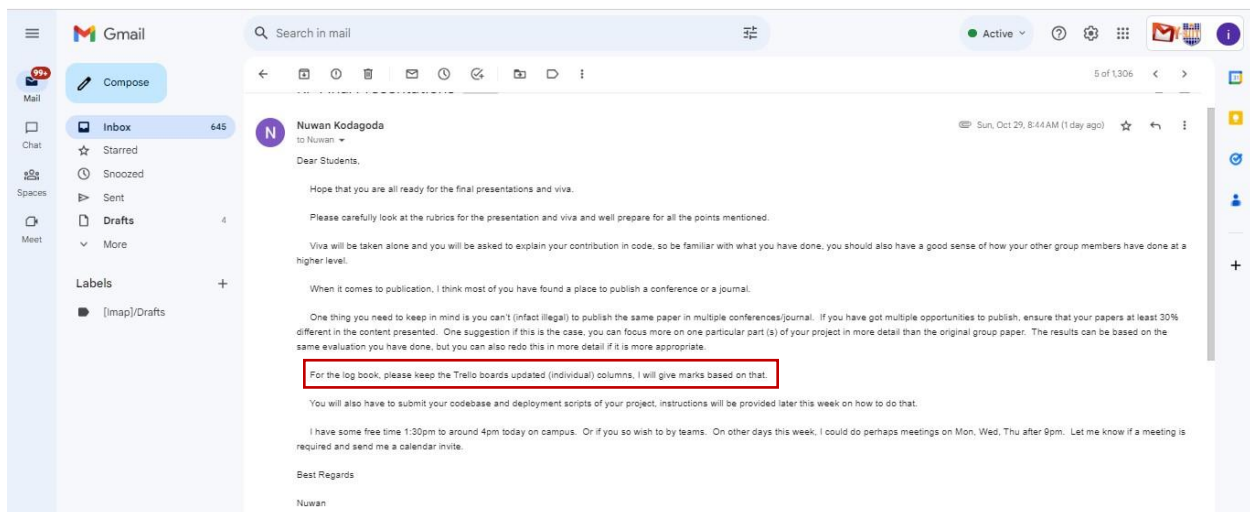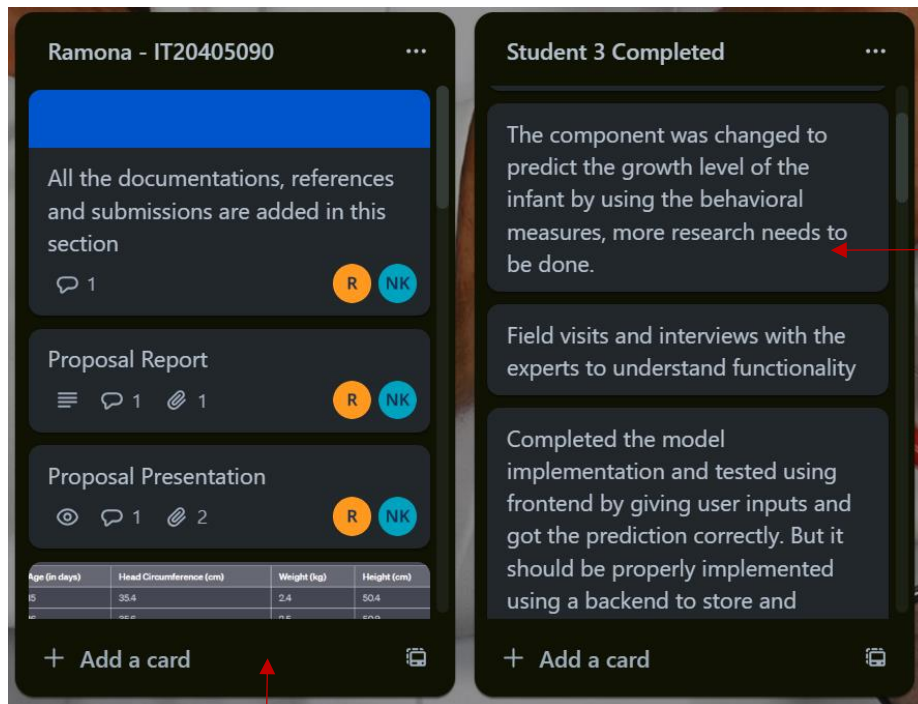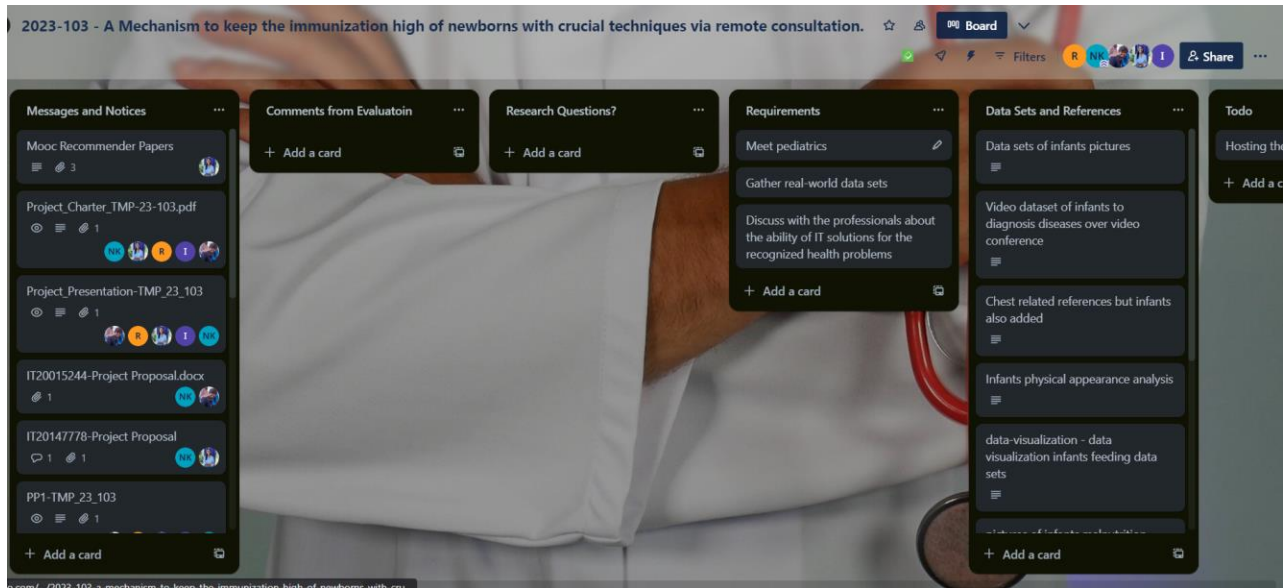
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Messages and Notices

Mooc Recommender Papers
☰ 🖇 3

Project_Charter_TMP-23-103.pdf
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Project_Presentation-TMP_23_103
👁 ☰ 🖇 1

IT20015244-Project Proposal.docx
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IT20147778-Project Proposal
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PP1-TMP_23_103
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☰

Infants physical appearance analysis
☰

data-visualization - data visualization infants feeding data sets
☰

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Todo

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Ramona - IT20405090

All the documentations, references and submissions are added in this section
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Proposal Report
☰ 💬 1 🖇 1   R NK

Proposal Presentation
👁 💬 1 🖇 2   R NK

Age (in days)	Head Circumference (cm)	Weight (kg)	Height (cm)
5	35.4	2.4	50.4

+ Add a card

Student 3 Completed

The component was changed to predict the growth level of the infant by using the behavioral measures, more research needs to be done.

Field visits and interviews with the experts to understand functionality

Completed the model implementation and tested using frontend by giving user inputs and got the prediction correctly. But it should be properly implemented using a backend to store and

+ Add a card

In this section, most of the tasks are explained step vise and they are added as added as cards once they are completed.

This section has the submissions, references, and all the documentations related to the component for the supervisor's reference.

An example for a card which has an attachment – the card which has the dataset