

TRAIN ROBOT TO CLIMB STAIRS: GET DIMENSIONS OF STAIRCASE

21_22-J 34

Research Project Logbook

Dilshan H.V.V – IT18217100

Supervisor – Mr. Samantha Rajapakshe

Co-Supervisor – Mr. S.M.B. Harshanath

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


Department of Computer Science and Software Engineering

Sri Lanka Institute of Information Technology


Sri Lanka

June 2022


1. Supervisor Meeting Evidence

**Research Paper Submission Meeting**


ChatFilesMeeting NotesWhiteboard+

Samantha Rajapaksha named the meeting to Research Paper Submission Meeting.


Wednesday, March 16, 2022

3/16/2022 8:59 PM


Meeting ended: 21s

3/16/2022 9:00 PM


Meeting started

**Samantha Rajapaksha**3/16/2022 9:30 PM


<https://www.r10htc2022.org/>

**Samantha Rajapaksha**3/16/2022 9:30 PM

<https://www.ieeebombay.org/tensymp2022/>




TENSYMP 2022 IEEE REGION 10 SYMPOSIUM (T...
The IEEE Region 10 Symposium (TENSYMP) is one of the official annual conferences owned and organised by the...
www.ieeebombay.org


3/16/2022 9:57 PM

Meeting ended: 57m 18s


Saturday, March 19, 2022

3/19/2022 7:00 PM


Meeting ended: 24s

3/19/2022 7:01 PM


Meeting ended: 15s

3/19/2022 7:43 PM


Meeting ended: 42m 6s

3/19/2022 8:34 PM


Meeting ended: 4m 46s

**Research Paper Submission Meeting**


ChatFilesMeeting NotesWhiteboard

Samantha Rajapaksha named the meeting to Research Paper Submission Meeting.


Thursday, March 31, 2022

3/31/2022 2:02 PM


Meeting ended: 31s

3/31/2022 2:06 PM


Meeting ended: 2m 25s

3/31/2022 2:07 PM


Meeting ended: 22s

3/31/2022 2:07 PM


Meeting started

3/31/2022 2:14 PM


Recording has started

3/31/2022 2:20 PM

Meeting ended: 13m 9s

3/31/2022 2:20 PM

Recording has stopped. Saving recording...

6m 8s

Meeting
Recorded by: Samantha Rajapaksha




Progress Presentation 2021 June Batch

[Chat](#)[Files](#)[Meeting Notes](#)[Whiteboard](#)

Monday, January 10, 2022

 1/10/2022 2:32 PM Meeting ended: 4h 37m 8s

 1/10/2022 3:37 PM Meeting ended: 30s

Thursday, January 13, 2022

 1/13/2022 10:21 PM Meeting started

 1/13/2022 10:37 PM Recording has started

Friday, January 14, 2022

 1/14/2022 12:41 AM Recording has stopped. Saving recording...



Meeting




Recorded by: Samantha Rajapaksha


2h 3m 34s

 1/14/2022 1:14 AM Meeting ended: 2h 52m 45s

Thursday, January 27, 2022

 1/27/2022 10:26 PM Meeting started

 1/27/2022 10:31 PM Recording has started

 1/27/2022 11:45 PM Meeting ended: 1h 19m 1s

 1/27/2022 11:45 PM Recording has stopped. Saving recording...



Meeting



Recorded by: Samantha Rajapaksha

1h 14m 15s



Progress Presentation 2021 June Batch



Chat

Files

Meeting Notes

Whiteboard



Monday, February 7, 2022

2/7/2022 11:38 AM Meeting ended: 11s

Friday, February 11, 2022

2/11/2022 12:33 AM Meeting ended: 2h 3m 2s


Thursday, February 24, 2022

2/24/2022 10:29 PM Meeting started

2/24/2022 10:41 PM Recording has started

2/24/2022 11:01 PM Meeting ended: 37m 52s

2/24/2022 11:01 PM Recording has stopped. Saving recording...



Meeting

...

Recorded by: Samantha Rajapaksha

Thursday, March 10, 2022


3/10/2022 10:26 PM Meeting started

3/10/2022 10:38 PM Recording has started

Friday, March 11, 2022

3/11/2022 12:02 AM Meeting ended: 1h 36m 9s

3/11/2022 12:02 AM Recording has stopped. Saving recording...



Meeting

...

Recorded by: Samantha Rajapaksha



Samantha Rajapaksha 5/5/2022 11:27 PM

https://scholar.google.com/citations?hl=en&view_op=search_venues&vq=IEEE+region+10&btnG=



5/5/2022 11:39 PM Meeting ended: 1h 8m 8s

Thursday, May 19, 2022



5/19/2022 10:52 PM Meeting ended: 19m 23s

Thursday, June 2, 2022



6/2/2022 10:23 PM Meeting started



6/2/2022 10:38 PM Recording has started



6/2/2022 11:01 PM Meeting ended: 59m 47s



6/2/2022 11:01 PM Recording has stopped. Saving recording...



Meeting

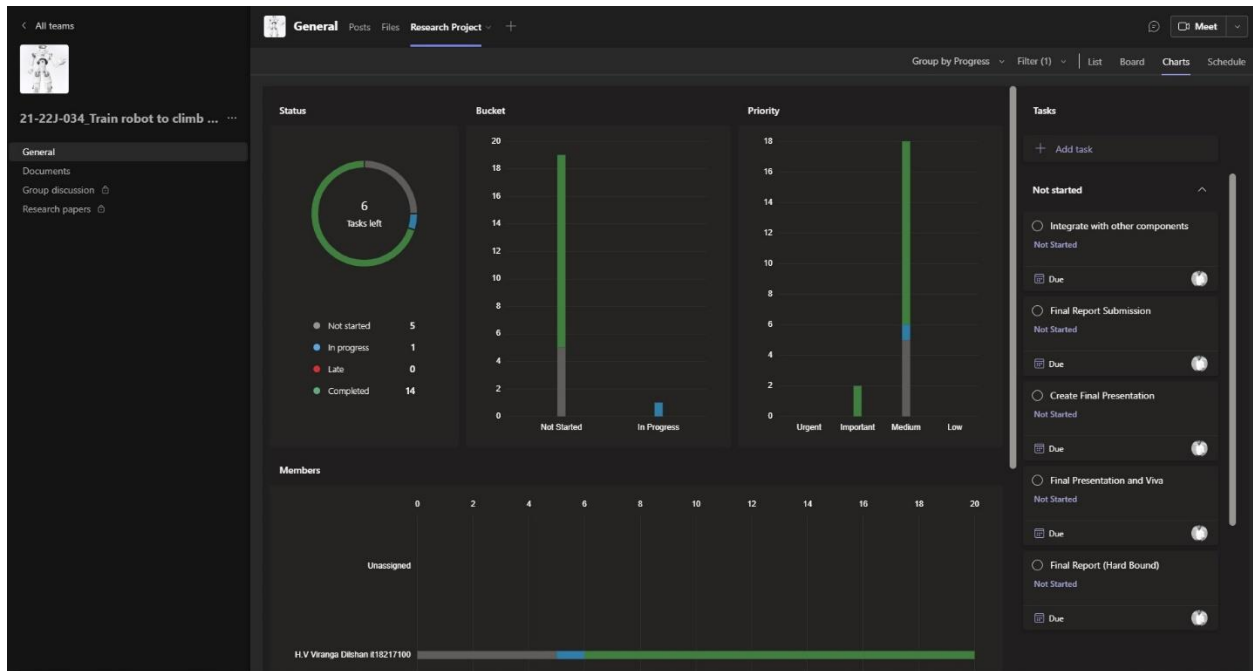


Recorded by: Samantha Rajapaksha

This recording is set to expire. View or change the expiration date [here](#). [Learn more](#)

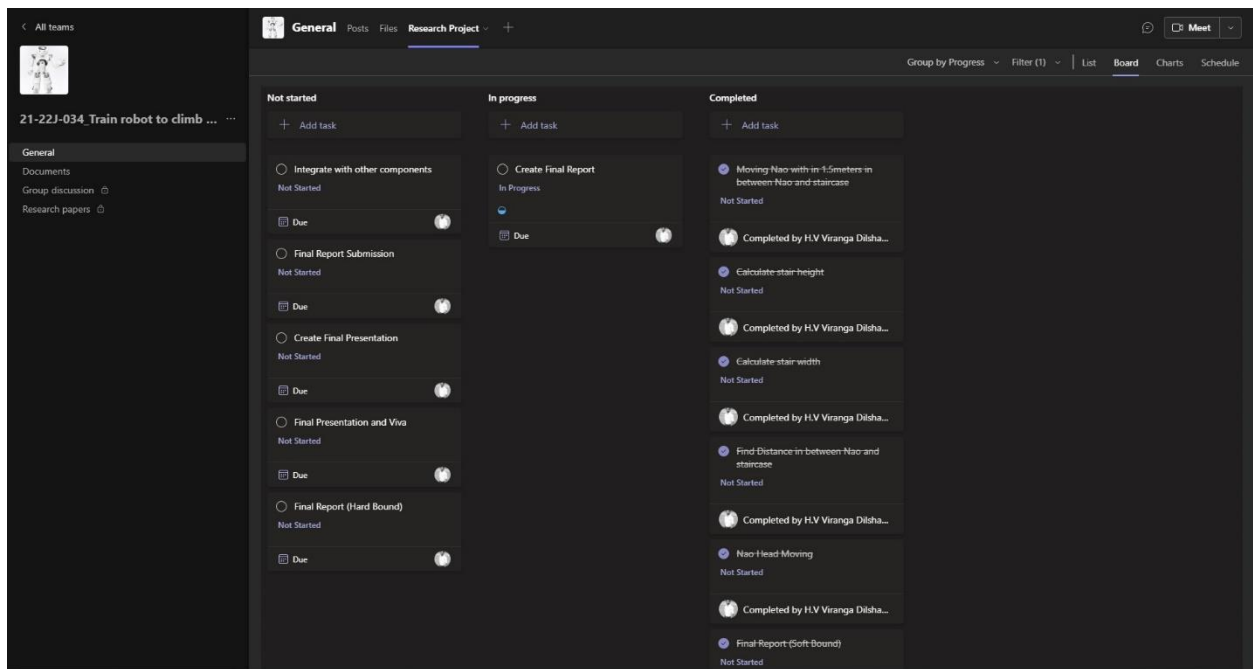
2. Individual Project logs

- MS Planner



Task title	Completed by ↑	Priority	Completed	Bucket
Submit Proposal Report	1	High	1/11	Not Started
Submit Research Proposal Presentation	1	High	1/11	Not Started
Find out way to configure simulator with choregraphe	1	High	12/2021	Not Started
Find out distance in between staircase and robot	1	High	1/8	Not Started
Prepare PPT Presentation	1	High	1/9	Not Started
Final Report (Soft Bound)	1	High	6/12	Not Started
Create Status Document 2 and Log Book	1	High	6/12	Not Started
Find out how to work sonar sensor in Nao robot and how its work in choregraphe	1	High	1/8	Not Started
Calculate stair height	1	High	6/12	Not Started
Calculate stair width	1	High	6/12	Not Started
Find Distance in between Nao and staircase	1	High	6/12	Not Started
Moving Nao with in 1.5meters in between Nao and staircase	1	High	6/12	Not Started
Nao Head Moving	1	High	6/12	Not Started
Start to write research paper	3/3	High	6/12	Not Started

- Work Breakdown Structure



- Gitlab

