

# **REAL-TIME CARBON NEUTRALITY MANAGEMENT AND OPTIMIZATION USING NATURAL LANGUAGE PROCESSING**

Project ID: 2022-175

Status Document 2

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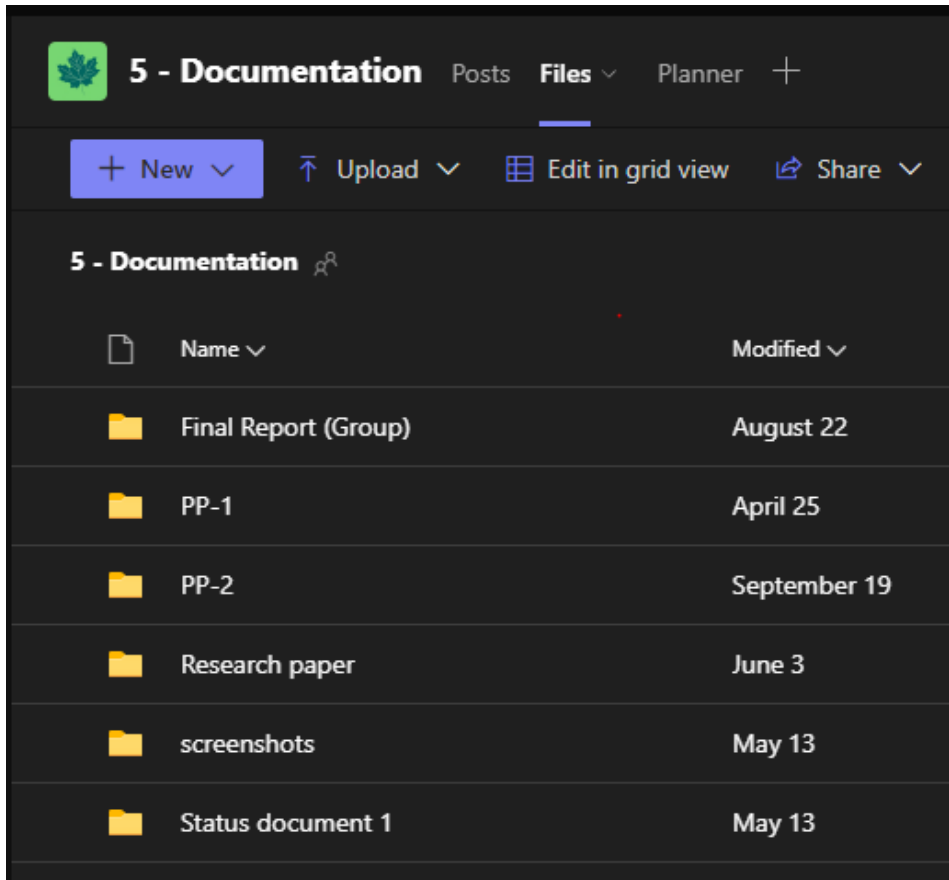
## **Table of Contents**

<b><i>Table of Contents</i></b>	<b><i>1</i></b>
<b><i>1. Project and Tasks Maintenance</i></b>	<b><i>3</i></b>
<b><i>2. Discussion meetings with Group and Supervisors</i></b>	<b><i>7</i></b>
<b><i>3. Git Lab</i></b>	<b><i>10</i></b>
<b><i>4. Gantt Chart</i></b>	<b><i>12</i></b>
<b><i>5. Work Breakdown Chart</i></b>	<b><i>13</i></b>

## List of Figures

Figure 1-1 Project Documents Maintenance.....	3
Figure 1-2 Tasks Status process chart .....	4
Figure 1-3 Tasks completion Bucket chart .....	4
Figure 1-4 Task Planner .....	5
Figure 1-5 Task Priority chart .....	6
Figure 1-6 Teams Scheduler .....	6
Figure 2-1 Initial Discussion phase with co supervisor .....	7
Figure 2-2 Initial discussion phase with supervisor.....	7
Figure 2-3 Progress presentation 1 – Discussion and demonstration with group members.....	7
Figure 2-4 Progress Presentation 1 -Discussion with Supervisor .....	7
Figure 2-5 Research paper discussion phase with Co - Supervisor.....	8
Figure 2-6 Discussion phase 2 with Supervisor .....	8
Figure 2-7 Discussion phase 2 with Co – Supervisor.....	8
Figure 2-8 Meeting Proof with Group members 1 .....	9
Figure 2-9 Meeting Proof with Group members 2 .....	9
Figure 3-1 Git Lab commit summary.....	10
Figure 3-2 Git Commit proof 1.....	10
Figure 3-3 Git Commit proof 2.....	10
Figure 3-4 Git Lab Backend Commits .....	10
Figure 3-5 Git Lab mobile-app Commits .....	11
Figure 3-6 Git Lab model Commits .....	11
Figure 3-7 Merge History .....	11
Figure 4-1 Overall Gantt Chart .....	12
Figure 5-1 Work Breakdown chart .....	13

## 1. Project and Tasks Maintenance



The screenshot displays a web application interface for project documentation. At the top, there is a header bar with a green leaf icon, the title "5 - Documentation", and navigation tabs for "Posts", "Files" (which is active), and "Planner". Below the header, a secondary bar contains action buttons: "+ New", "Upload", "Edit in grid view", and "Share". The main content area shows a list of folders under the heading "5 - Documentation". Each folder entry includes a folder icon, the folder name, and the date it was last modified. The folders listed are "Final Report (Group)", "PP-1", "PP-2", "Research paper", "screenshots", and "Status document 1".







5 - Documentation		
	Name	Modified
	Final Report (Group)	August 22
	PP-1	April 25
	PP-2	September 19
	Research paper	June 3
	screenshots	May 13
	Status document 1	May 13

Figure 1-1 Project Documents Maintenance

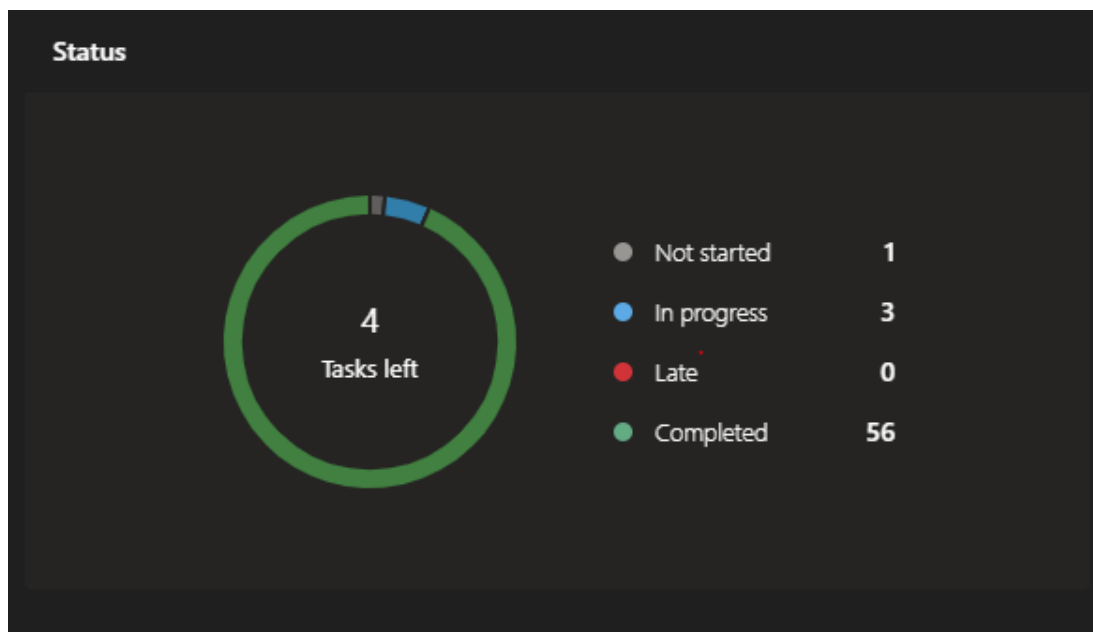


Figure 1-2 Tasks Status process chart

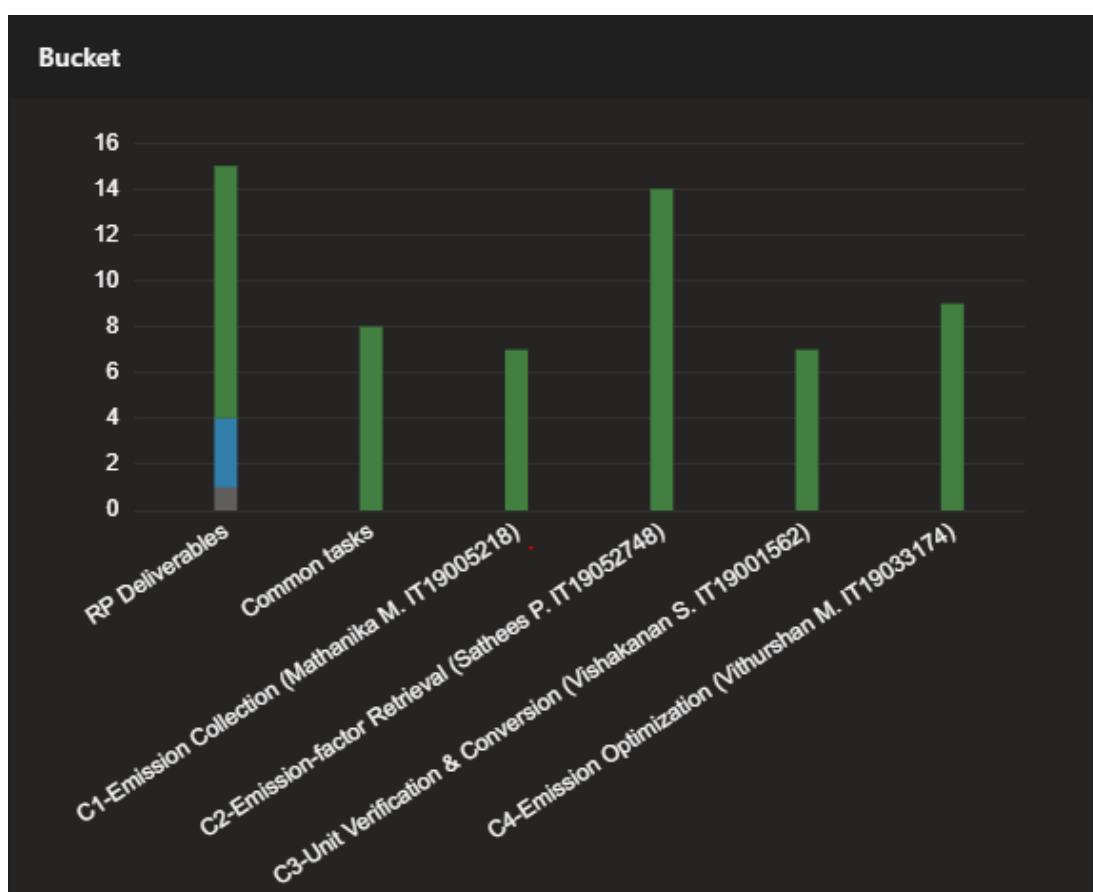


Figure 1-3 Tasks completion Bucket chart

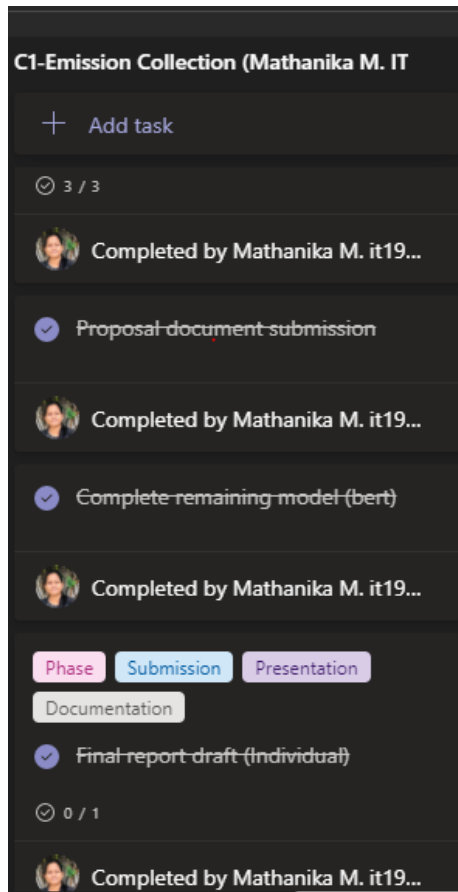


Figure 1-4 Task Planner

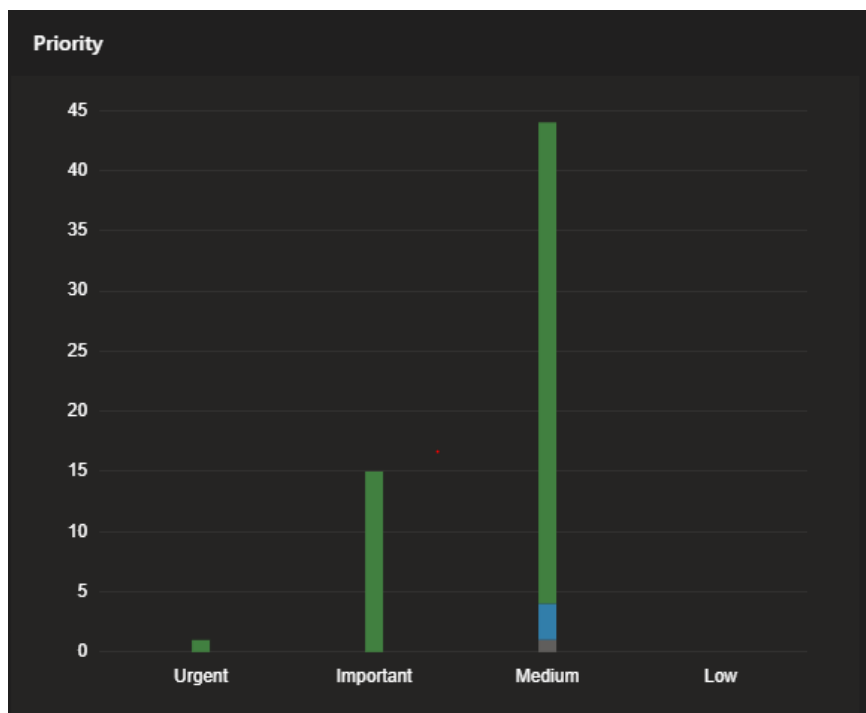


Figure 1-5 Task Priority chart

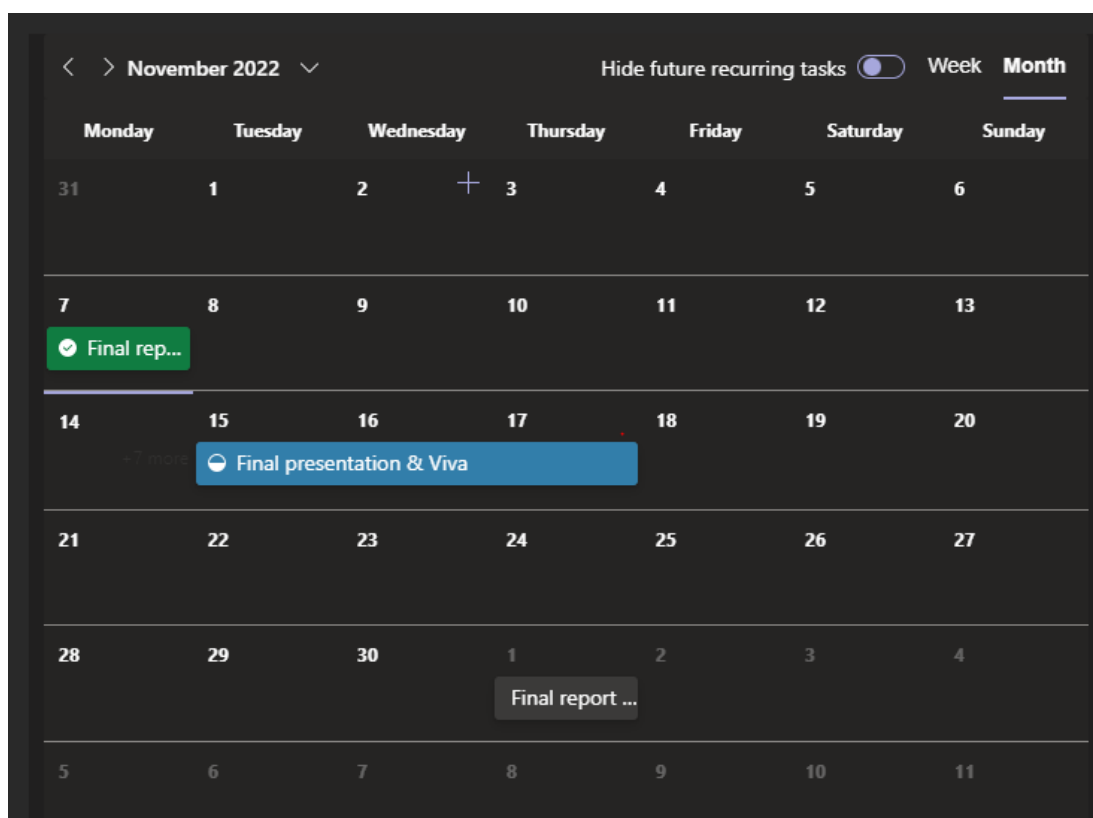
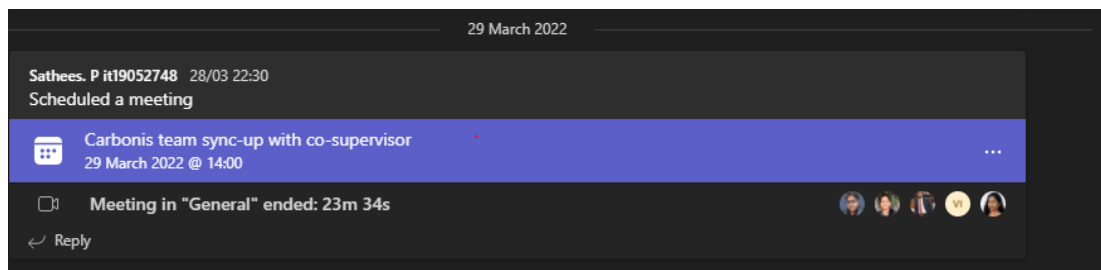
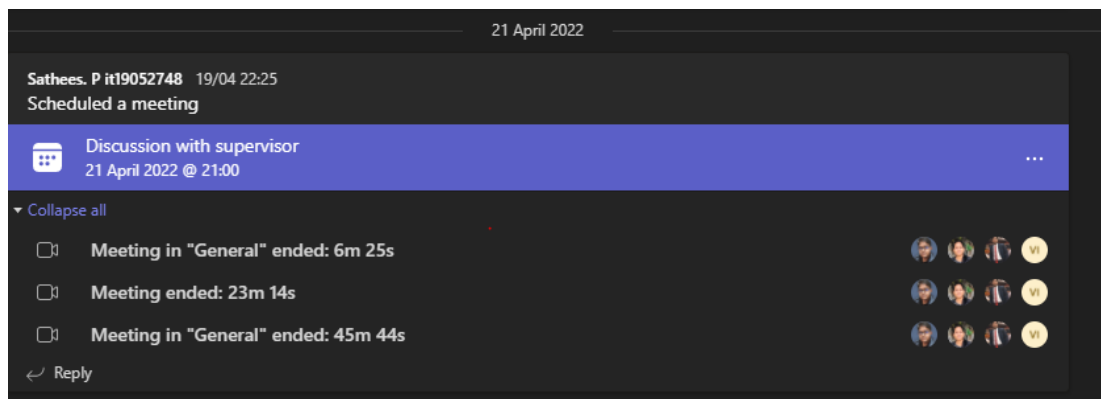


Figure 1-6 Teams Scheduler

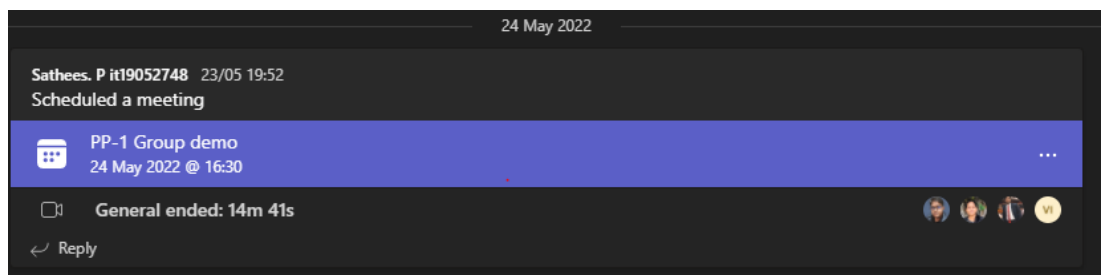
## 2. Discussion meetings with Group and Supervisors



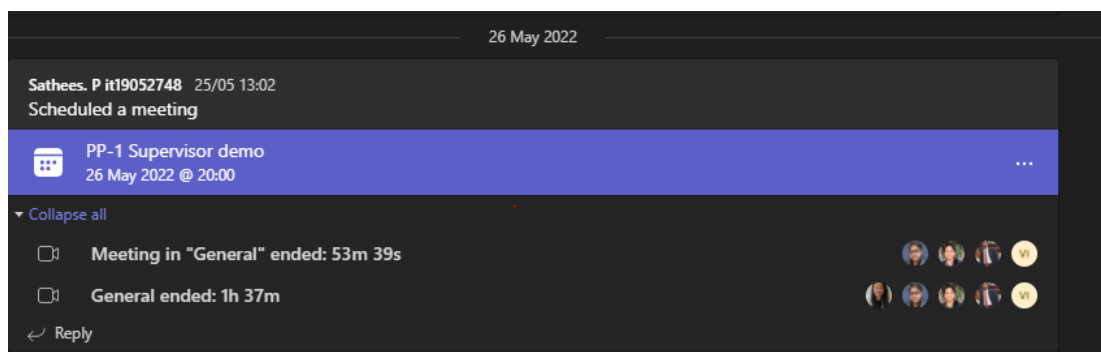
*Figure 2-1 Initial Discussion phase with co supervisor*



*Figure 2-2 Initial discussion phase with supervisor*



*Figure 2-3 Progress presentation 1 – Discussion and demonstration with group members*



*Figure 2-4 Progress Presentation 1 -Discussion with Supervisor*



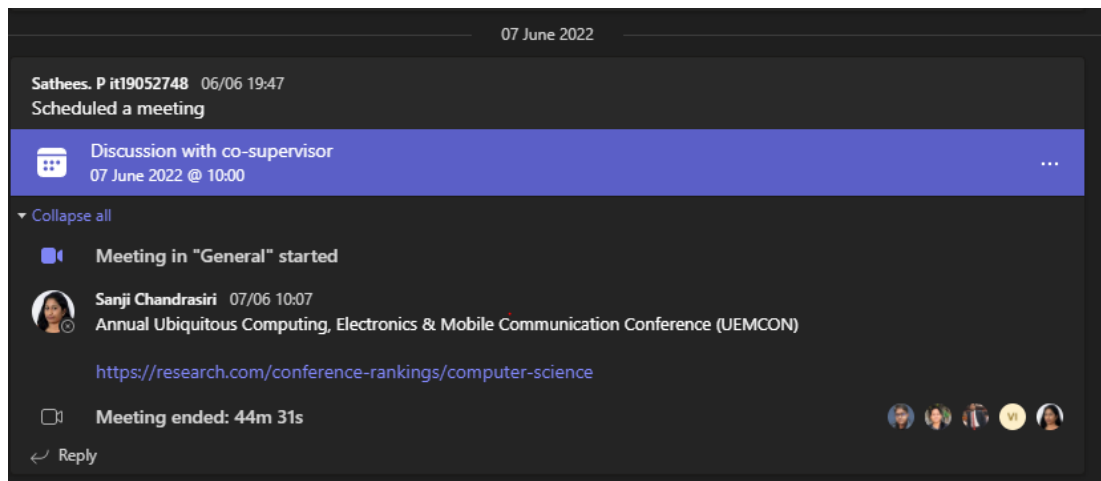


Figure 2-5 Research paper discussion phase with Co - Supervisor

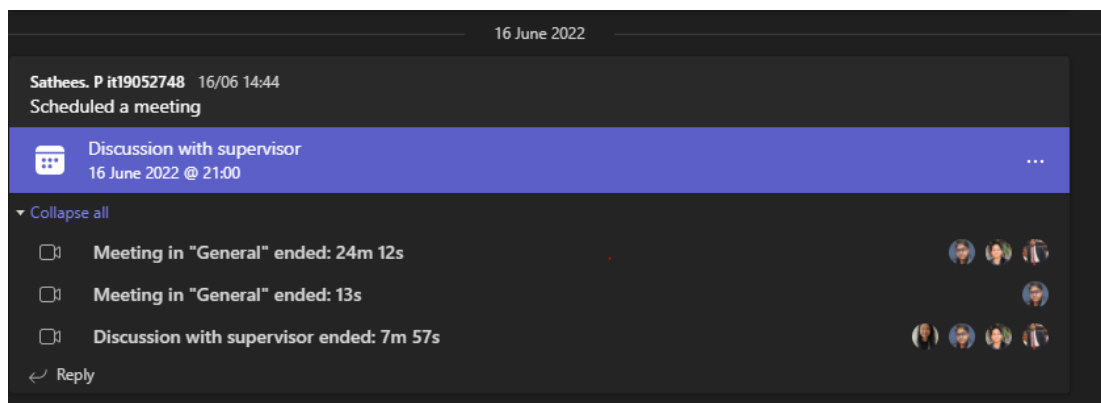


Figure 2-6 Discussion phase 2 with Supervisor

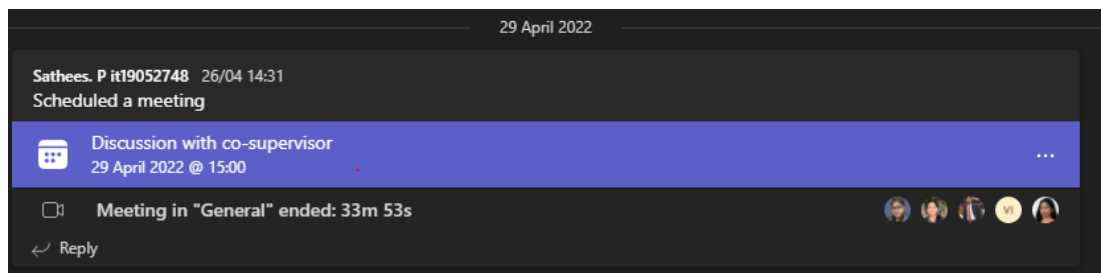


Figure 2-7 Discussion phase 2 with Co – Supervisor

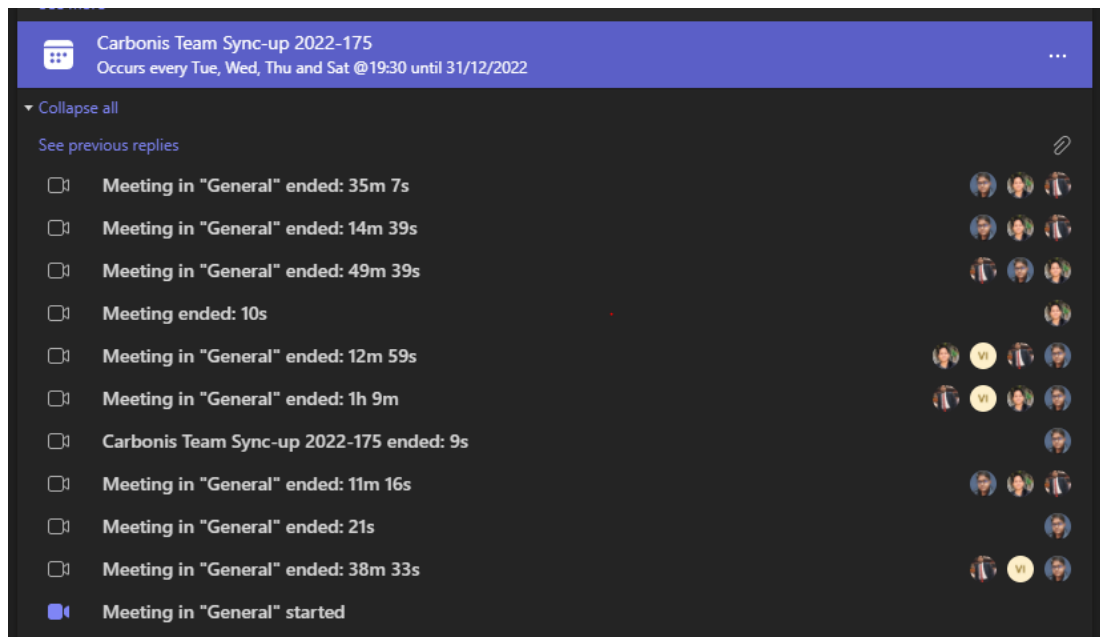


Figure 2-8 Meeting Proof with Group members 1

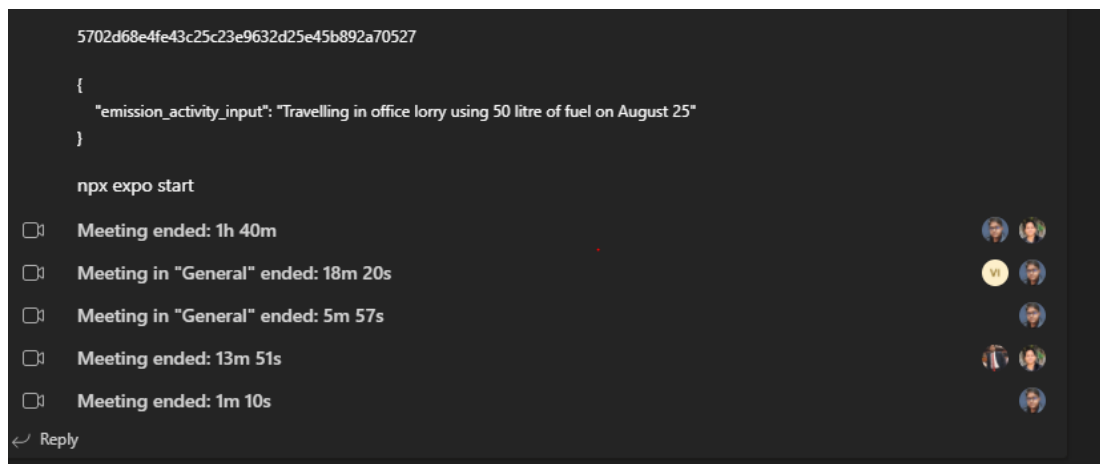


Figure 2-9 Meeting Proof with Group members 2

### 3. Git Lab

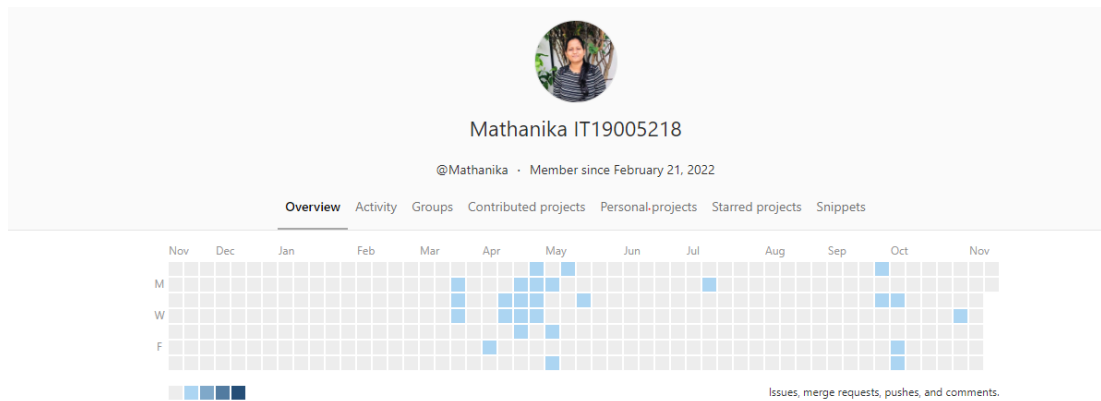


Figure 3-1 Git Lab commit summary

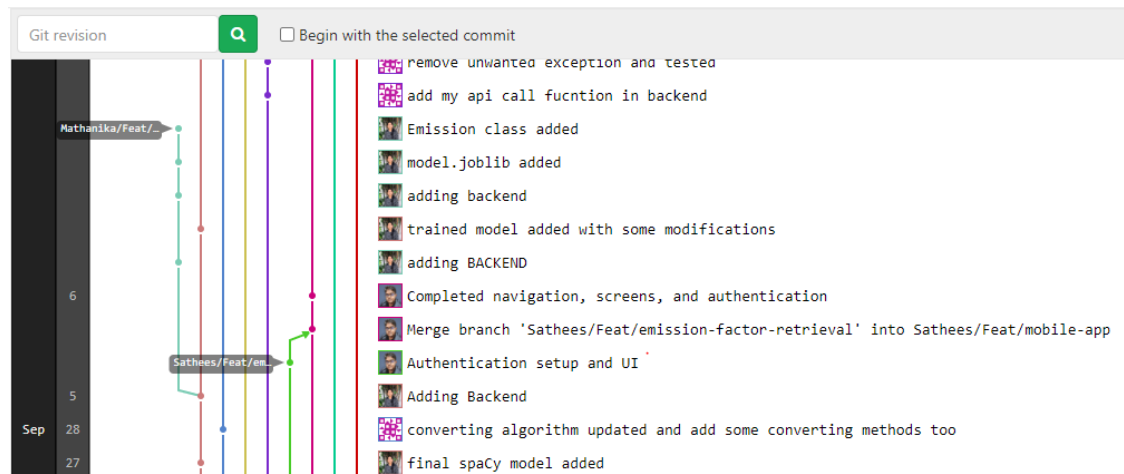


Figure 3-2 Git Commit proof 1

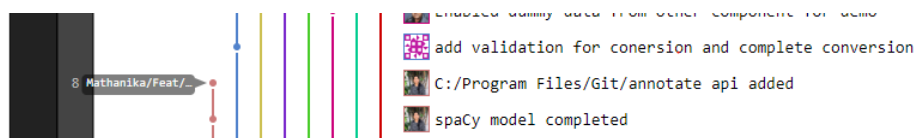


Figure 3-3 Git Commit proof 2

#### Commits to Mathanika/Feat/BACKEND

Excluding merge commits. Limited to 6,000 commits.

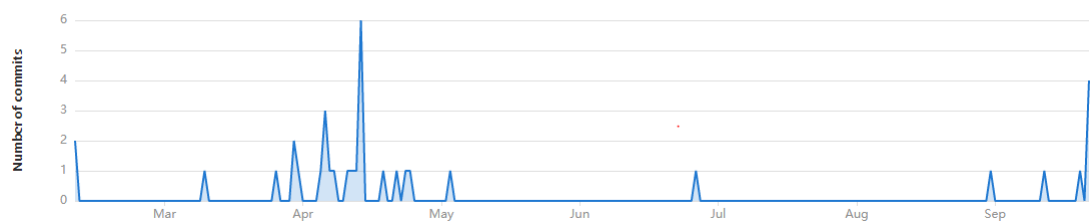


Figure 3-4 Git Lab Backend Commits

### Commits to Mathanika/Feat/mobile-app

Excluding merge commits. Limited to 6,000 commits.

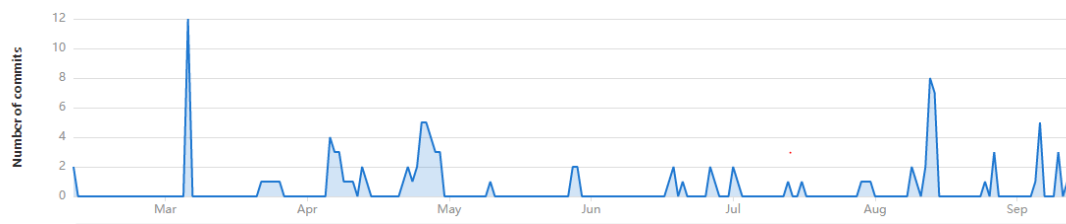


Figure 3-5 Git Lab mobile-app Commits

### Commits to Mathanika/Feat/emission-collection

Excluding merge commits. Limited to 6,000 commits.

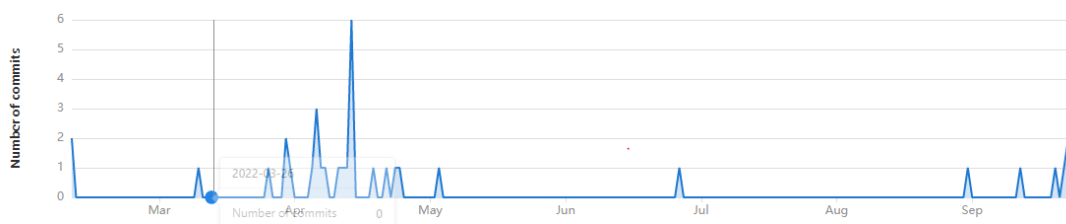


Figure 3-6 Git Lab model Commits

<b>Mathanika/Feat/BACKEND</b> <a href="#">d23fa0d3</a> · Emission class added · 1 month ago	171 34	Merge request	Compare		
<b>Sathees/Feat/emission-factor-retrieval</b> <b>merged</b> <a href="#">b855471b</a> · Authentication setup and UI · 1 month ago	53 0	Merge request	Compare		
<b>Mathanika/Feat/mobile-app</b> <b>merged</b> <a href="#">5617948e</a> · Merge branch 'Sathees/Feat/mobile-app' into 'dev' · 1 month ago	40 0	Merge request	Compare		

Figure 3-7 Merge History

## 4. Gantt Chart

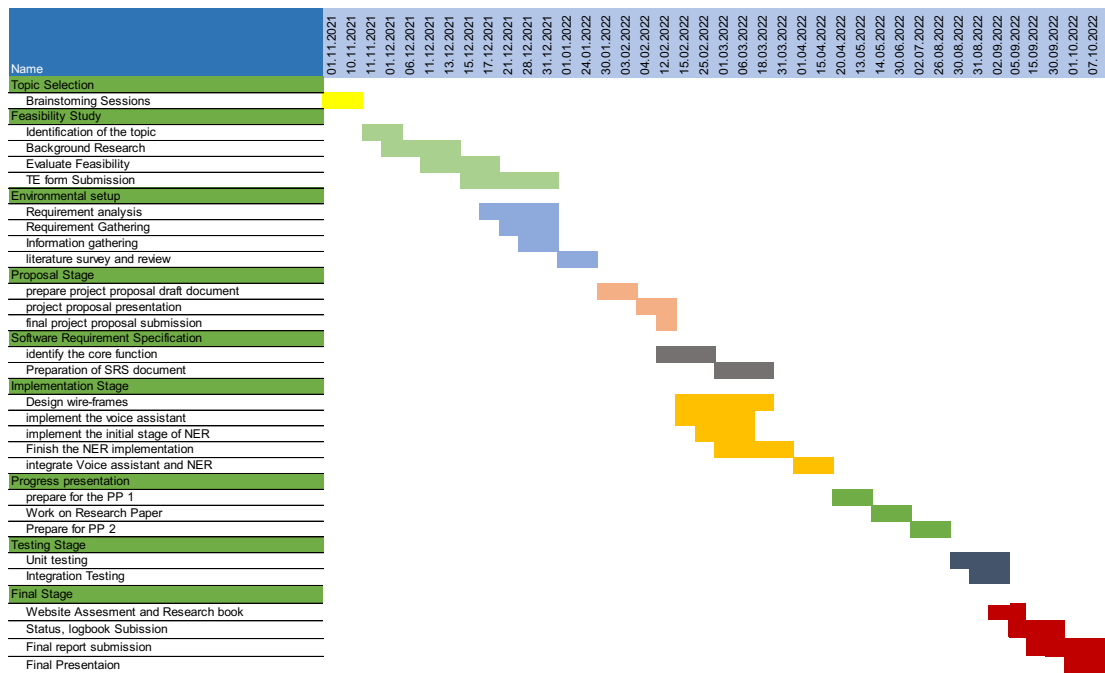


Figure 4-1 Overall Gantt Chart

## 5. Work Breakdown Chart



Figure 5-1 Work Breakdown chart

