



**Sri Lanka Institute of Information Technology Sri Lanka**

**SMART PROJECT MANAGEMENT SYSTEM**

**Peer Review Assessments**

**2021-234**

**Log Book**

Group Number: 2021\_234

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# 1. MS Teams Management

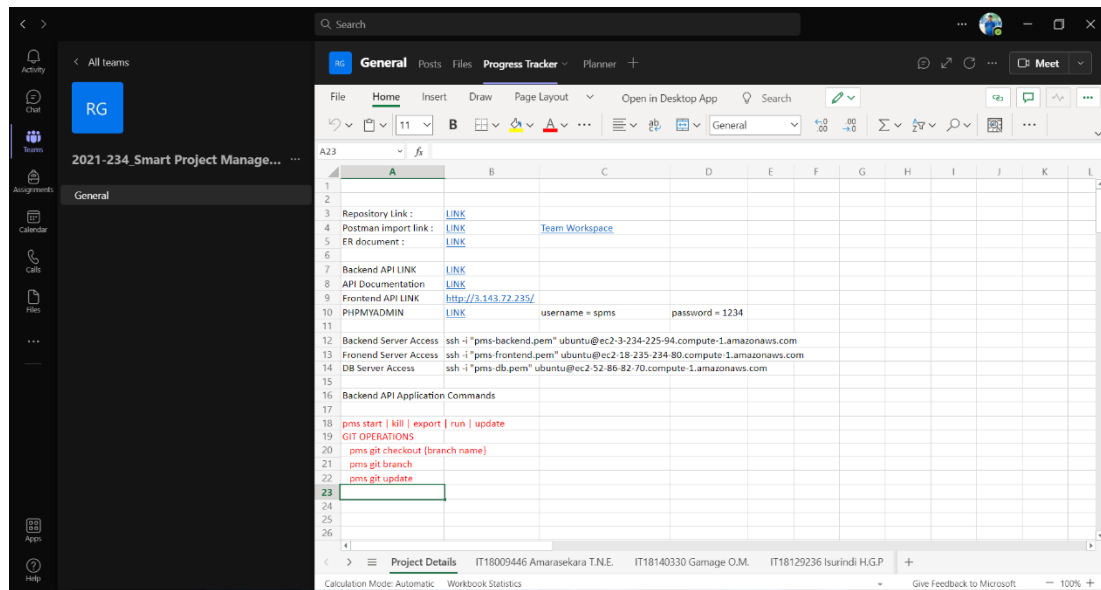


Figure 1 – Useful information storage

Team maintain a excel type document to keep track of server information and login credentials of the system components in order to make workflows of the each team member efficient and give them access. This excel document contains,

- Backend server login/access instructions
- Frontend server login/access instructions
- Database server login/access instructions
- IP addresses of each server to access their interfaces.
- Custom UNIX commands to deploy/run backend server components.
- Login information of system users.

In addition to that, we've kept track of tasks in the excel sheet before we added planner to the teams group.

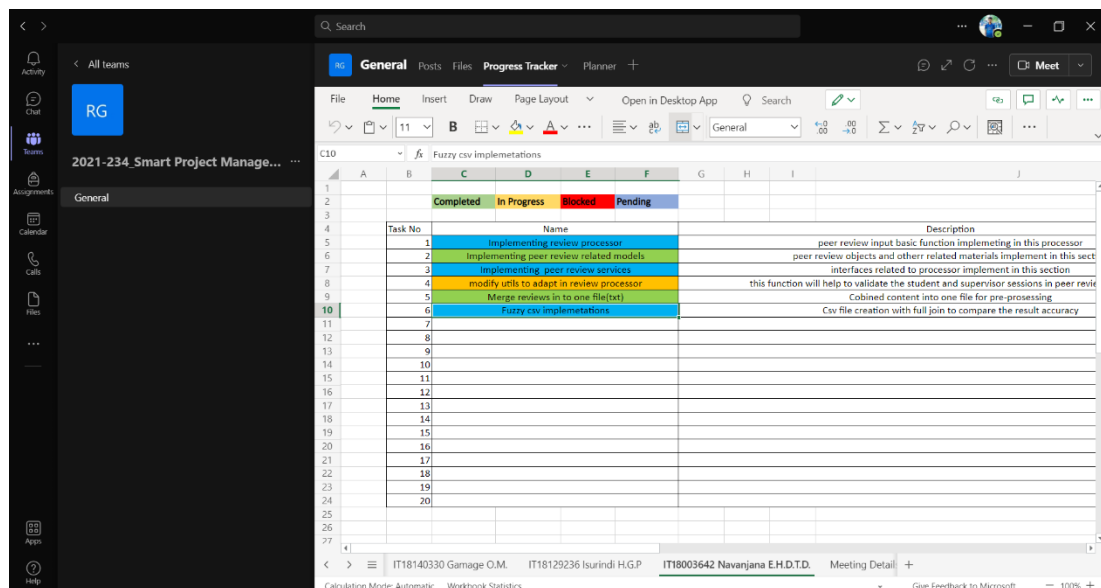


Figure 2 – Tasks definer in the excel sheet

To provide further evidences, we've kept track of meetings with the supervisor and members in the team.

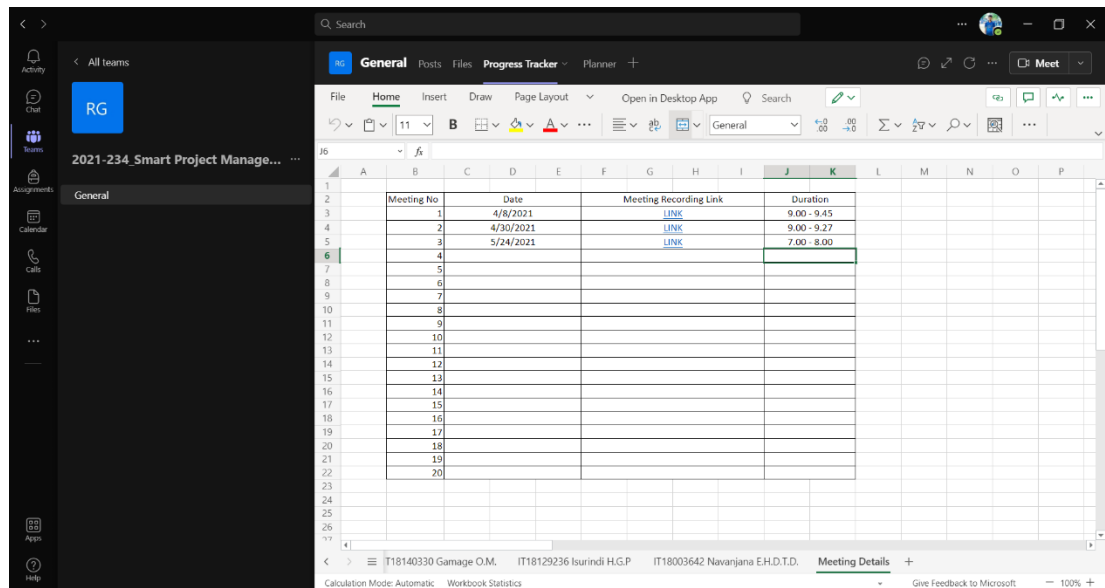


Figure 3 – Meeting records with the meeting recording link

After we've created the planner tab, we've tracked the project progress using the MS planner. Before we start a task, we've created a task record in the MS planner. So that we can recheck the previous tasks that we've completed.

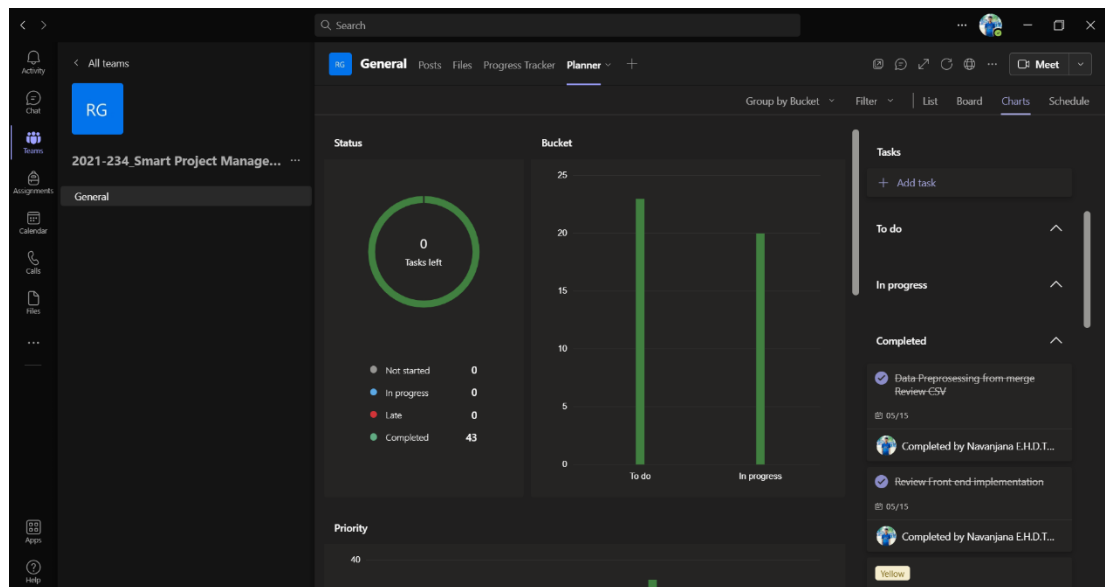


Figure 4 – Tasks overview of completed and in progress task records in the system.

Green colored column segments indicate the completed tasks and blue column segments indicate in progress tasks.

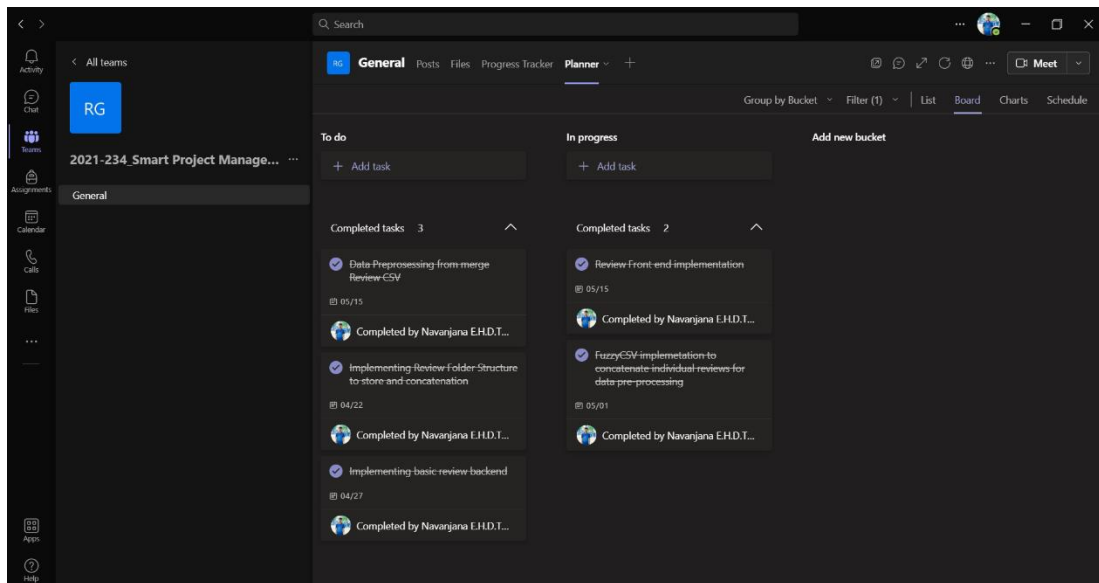


Figure 5 – Calendar overview of completed tasks and in progress tasks

Schedule tab in the planner gives us the overview of tasks that we’ve completed and the tasks that need to be implemented in the system. Let’s take a look at the tasks that I’ve completed between April and November.

Task title	Completed by	Priority	Due	Bucket
Implement DB operation for group storage	Amarasekara T. N. E...	9/23	To do	
Implement inner implementation of the gpa regul...	Amarasekara T. N. E...	7/31	To do	
Configure all created endpoints for swagger api d...	Amarasekara T. N. E...	5/26	To do	
Create 3 different servers for db, frontend and bac...	Amarasekara T. N. E...	5/17	To do	
Create a aws instance and install required softwares	Amarasekara T. N. E...	5/17	To do	
Implement Module Crud Operations	Amarasekara T. N. E...	5/13	To do	
Create a endpoint to manage project startup dea...	Amarasekara T. N. E...	5/15	To do	
Data Preprocessing from merge Review CSV	Navanjan E.H.D.T.D...	5/15	To do	
Re-Design the screens	Navanjan E.H.D.T.D...	5/23	To do	
Create a docker container to deploy the final pr...	Amarasekara T. N. E...	5/6	To do	
Create the GPABalancer method to impleement th...	Amarasekara T. N. E...	5/5	To do	
Add task status and configure crud operations	Amarasekara T. N. E...	5/5	To do	
Implementing Review Folder Structure to store an...	Navanjan E.H.D.T.D...	4/22	To do	
Implementing basic review backend	Navanjan E.H.D.T.D...	4/27	To do	
Enhance the grouping algorithm by automate d...	Amarasekara T. N. E...	4/30	To do	

Figure 6 – Completed tasks list 1

In the priority column, we can see “!” and the Down arrow mark. Red explanation mark indicates the High priority tasks and the Down arrow mark indicates the task is low prioritized. By defining a task such way, we can give the priority for that tasks in the implementations. It also a reminder that, the task is a high priority task and it need to be completed before the due date.

Task title	Completed by	Priority	Due	Bucket
✓ Create a process to generate student list with sort...	Amarasekara T. N. E...	High	8/16	In progress
✓ Enhance the grouping algorithm by automate d...	Amarasekara T. N. E...	High	4/30	To do
✓ Create a docker container to deploy the final pr...	Amarasekara T. N. E...	High	5/6	To do
✓ Create 3 different servers for db, frontend and bac...	Amarasekara T. N. E...	High	5/17	To do
✓ Implementing Review Folder Structure to store an...	Navanjana E.H.D.TD...	Medium	4/22	To do
✓ Task: crud operations backend development	Amarasekara T. N. E...	Medium	4/24	To do
✓ Client Video Call platform Create	Gamage O.M. R181...	Medium	4/25	In progress
✓ Implement Project Admin crud operations	Amarasekara T. N. E...	Medium	4/26	To do
✓ Implement Task Admin crud Operations	Amarasekara T. N. E...	Medium	4/26	To do
✓ Implement a satisfaction rate checker for groupin...	Amarasekara T. N. E...	Medium	4/27	In progress
✓ Implementing basic review backend	Navanjana E.H.D.TD...	Medium	4/27	To do
✓ Calculate Overall Average GPA and start developin...	Amarasekara T. N. E...	Medium	4/28	To do
✓ Display All Projects for each students	Gamage O.M. R181...	Medium	4/28	To do
✓ Implement Create new Project screen	Gamage O.M. R181...	Medium	4/28	In progress
✓ Split Students into different groups according to s...	Amarasekara T. N. E...	Medium	4/29	To do

Figure 7 – Completed tasks list 2

## 2. MS Teams Meeting Screenshots.

2 replies from Amarasekara T. N. E. R18009446

Thursday, November 4, 2021

Meeting in "General" ended: 1h 8m

Thursday, November 11, 2021

Amarasekara T. N. E. R18009446 11/11 9:40 AM

Scheduled a meeting

Research meeting  
Thursday, November 11, 2021 @ 9:30 PM

3 replies from Amarasekara T. N. E. R18009446

Sunday, November 14, 2021

Meeting in "General" ended: 20m 42s

Friday, November 19, 2021

Amarasekara T. N. E. R18009446 11/19 10:31 AM

Scheduled a meeting

Research Demo 2021-234  
Friday, November 19, 2021 @ 9:30 PM

2 replies from Amarasekara T. N. E. R18009446 and Uthala

New conversation

Figure 8 – Meeting history

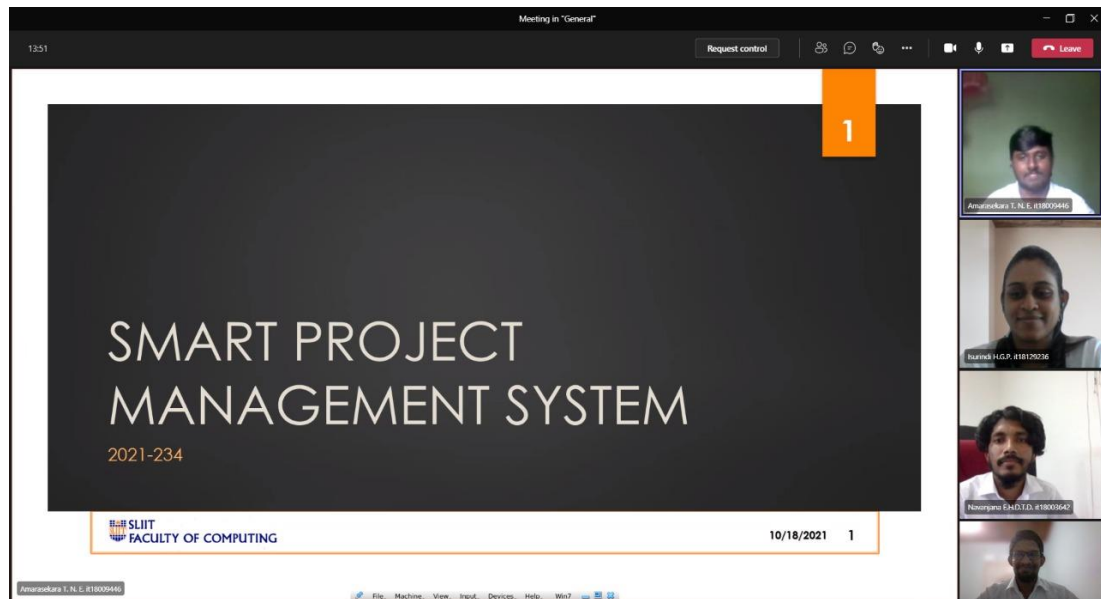


Figure 9 – Progress Presentation 2

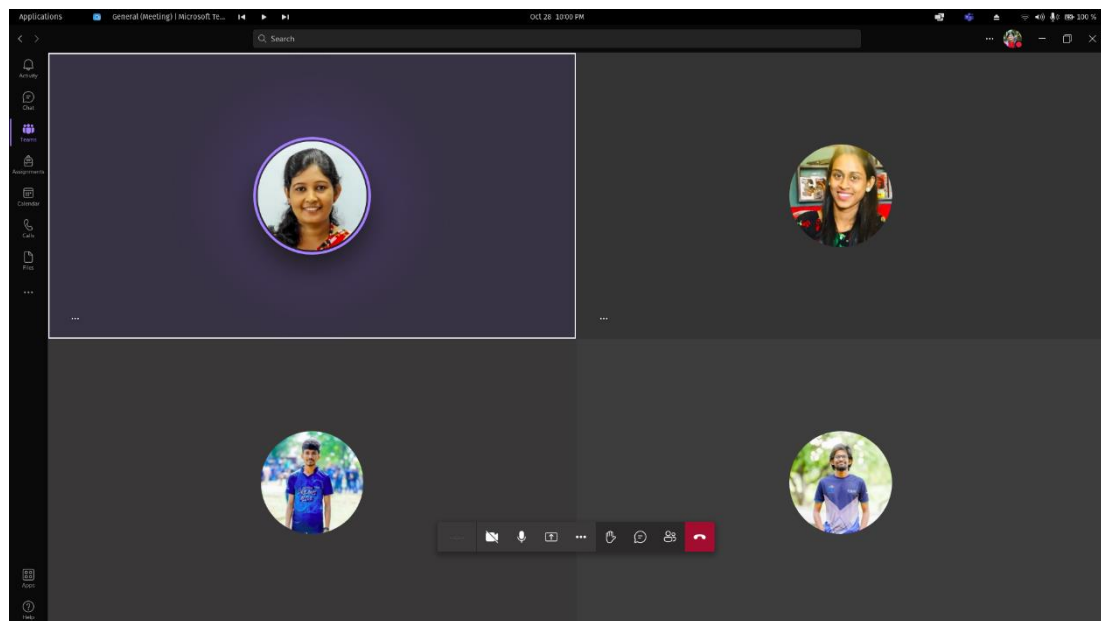


Figure 10 – Meeting screenshot 1

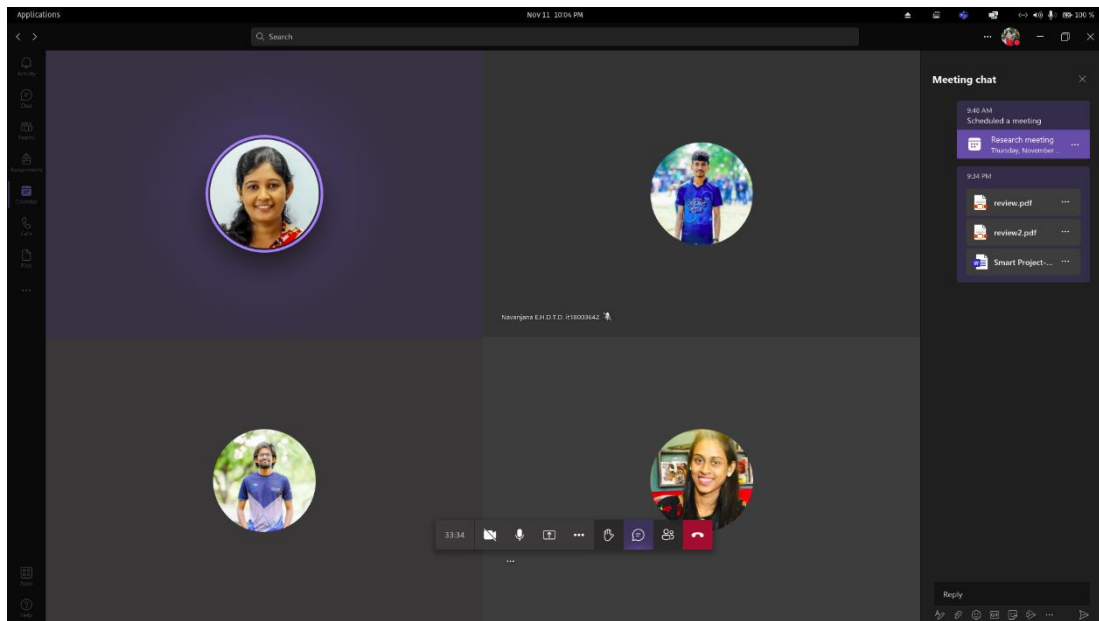


Figure 11 – Meeting screenshot 2 (Conference blind review results discussion)

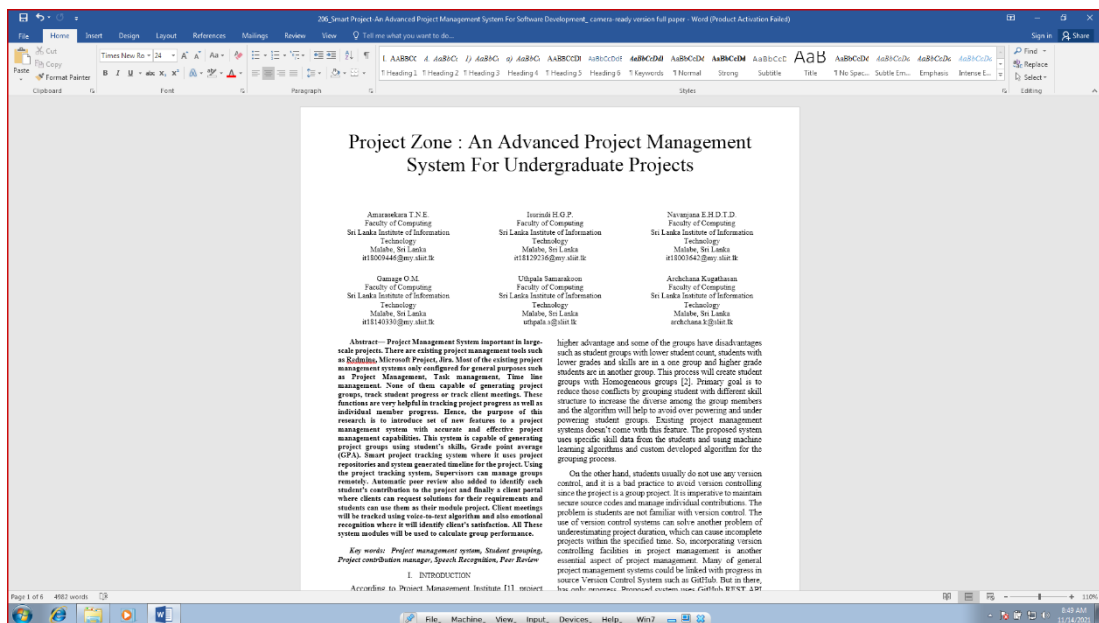


Figure 12 – Blind review discussion of the research paper



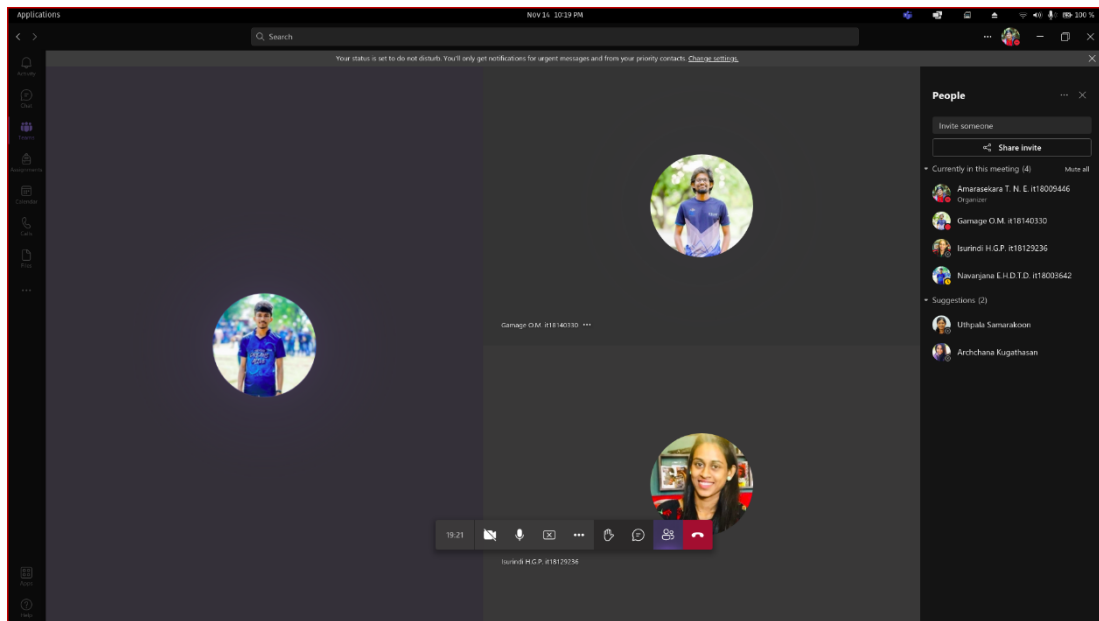


Figure 13 – Meeting screenshot 4 (Demo testing meeting)

### 3. GitLab Reports

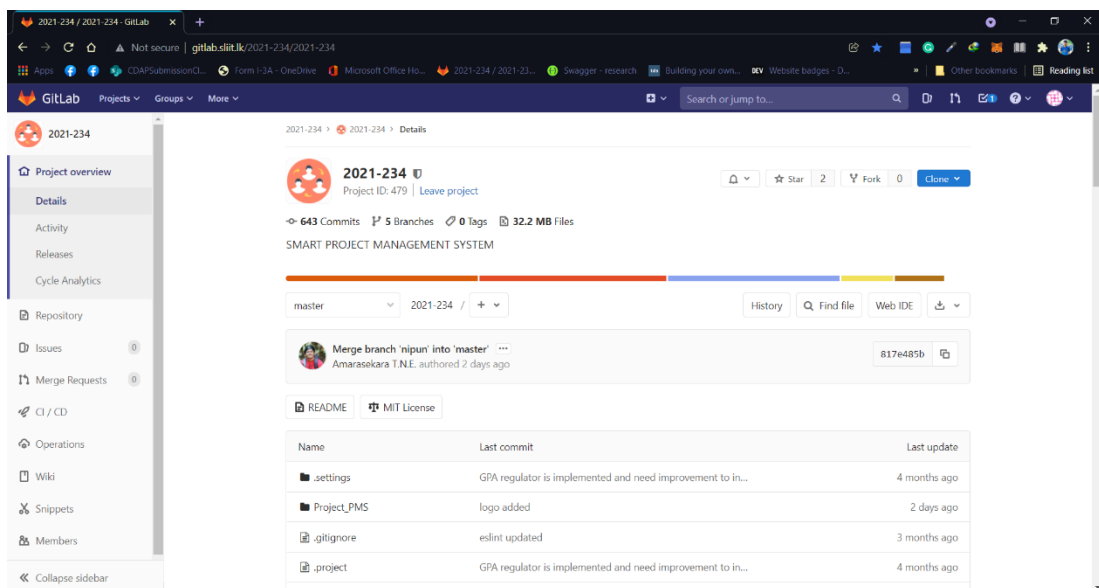


Figure 14 - Repository

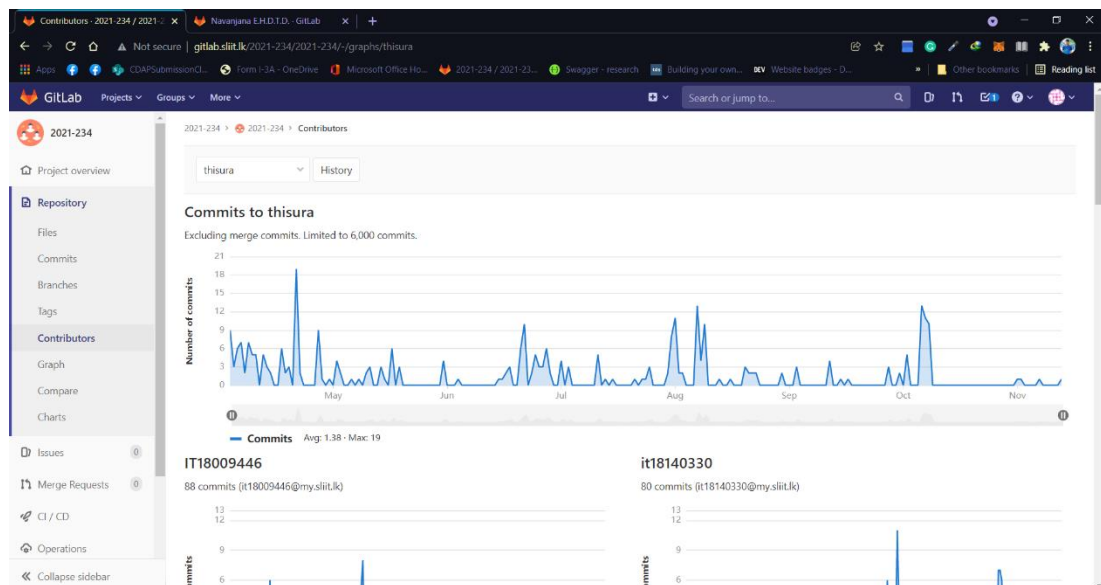


Figure 15 – Contribution

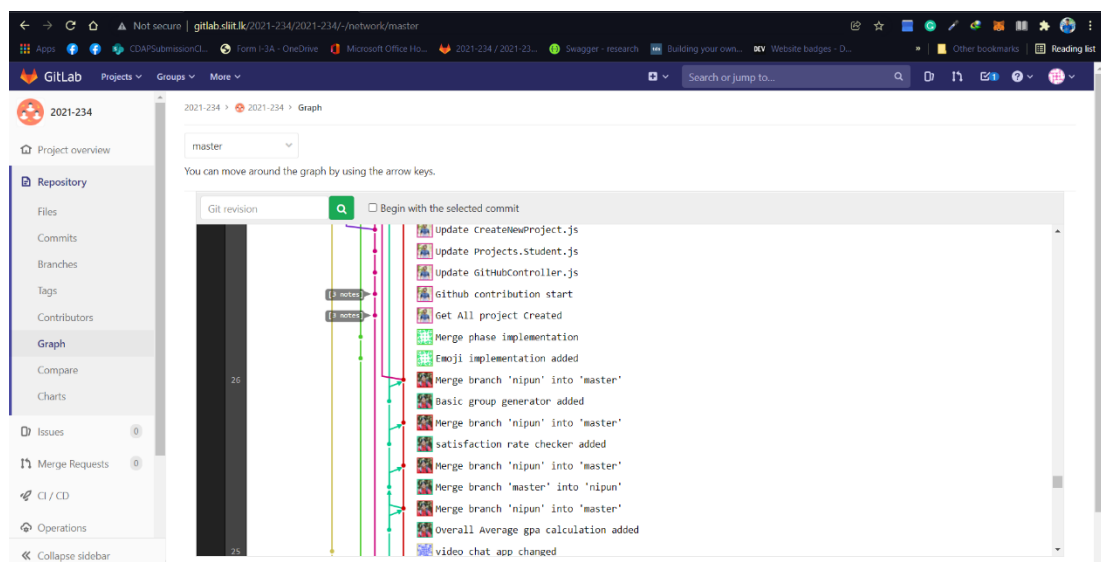


Figure 16 – April GitLab Contribution graph

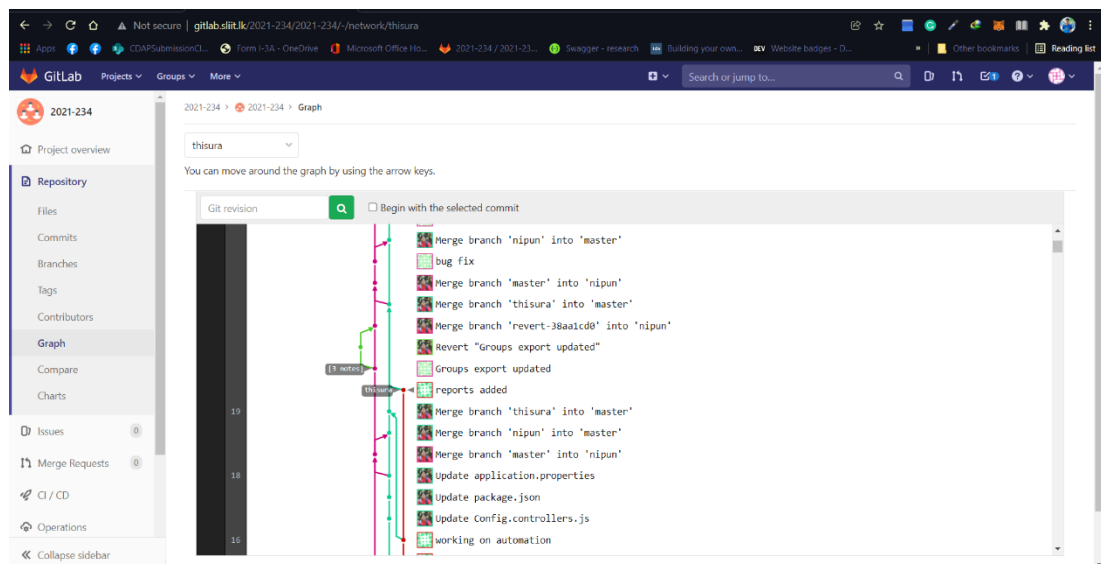


Figure 17 – November GitLab Contribution graph

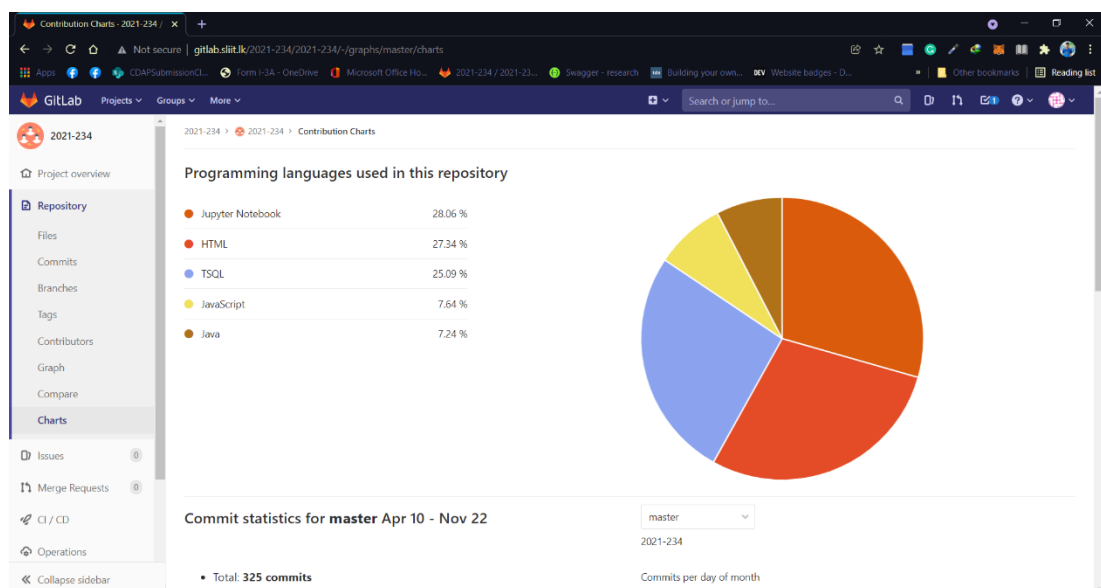


Figure 18 – Programming Languages Chart

### 3. AWS EC2 instances for Servers

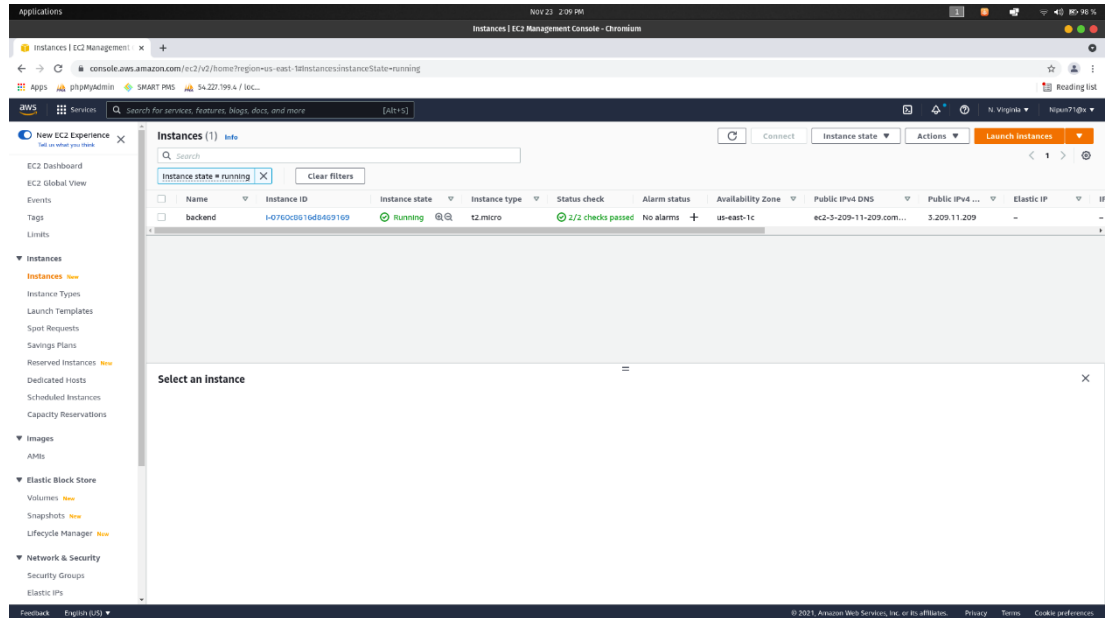


Figure 19 – Backend Server EC2 instance

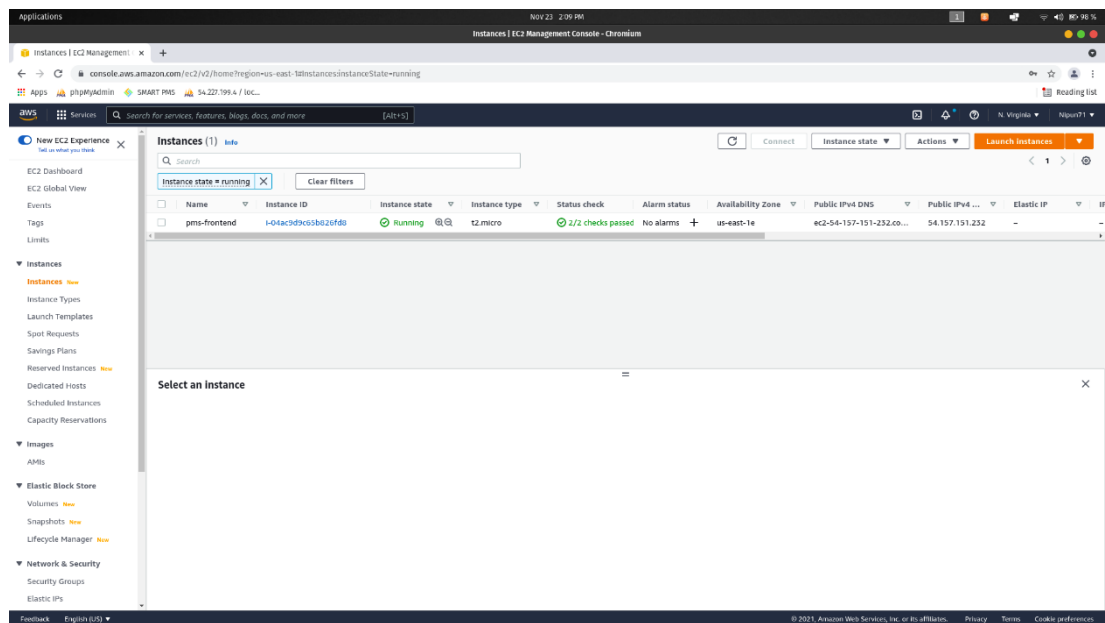


Figure 20 – Frontend Server EC2 instance

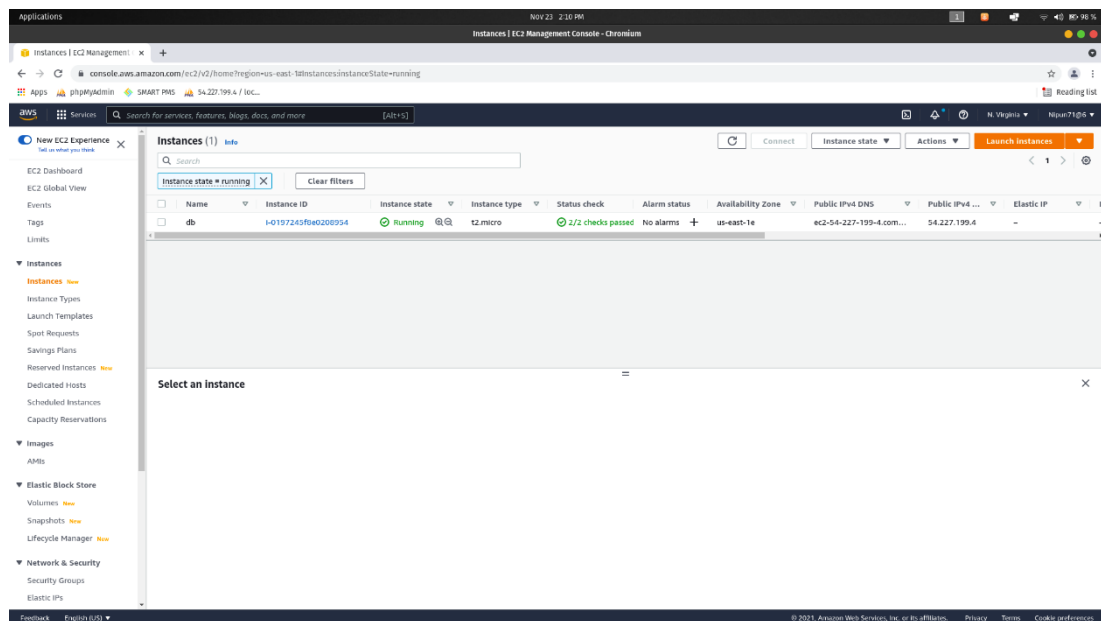


Figure 21 – Database Server EC2 instance