Sri Lanka Institute of Information Technology Sri Lanka

SMART PROJECT MANAGEMENT SYSTEM

Predict future Contribution and Progress Tracking using GitHub REST API

2021-234

Log Book

Group Number: 2021_234

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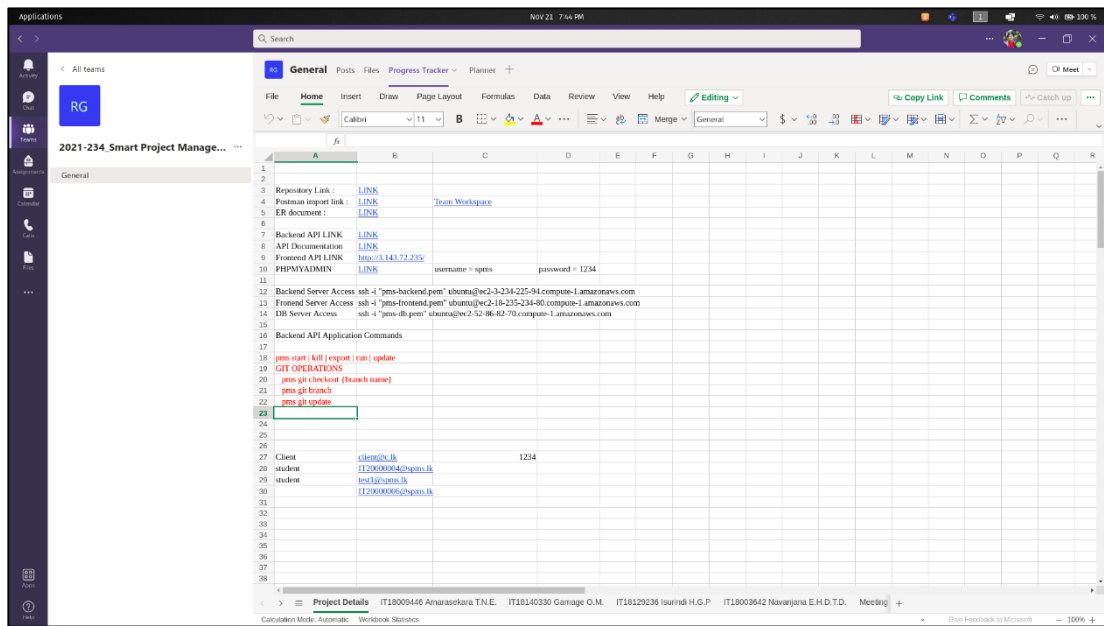
1. MS Teams Management

Figure 1 – Useful information storage

We've used an excel sheet to keep track of server information and login credentials of the system, in order to make easier to give access information to the group members. This excel sheet contains,

- Backend server login command using ssh
- Frontend server login command using ssh
- Database server login command using ssh
- IP addresses of each server to access web interfaces.
- Custom unix commands to deploy and 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.
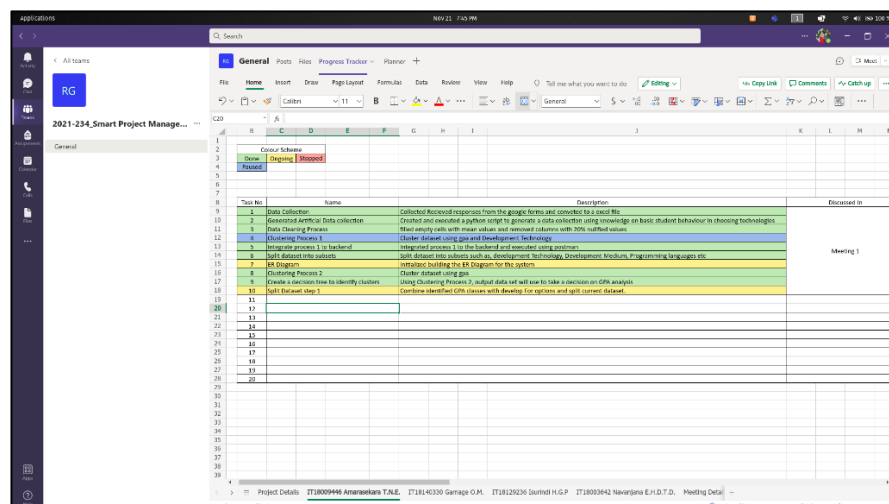
Figure 2 – Tasks definer in the excel sheet

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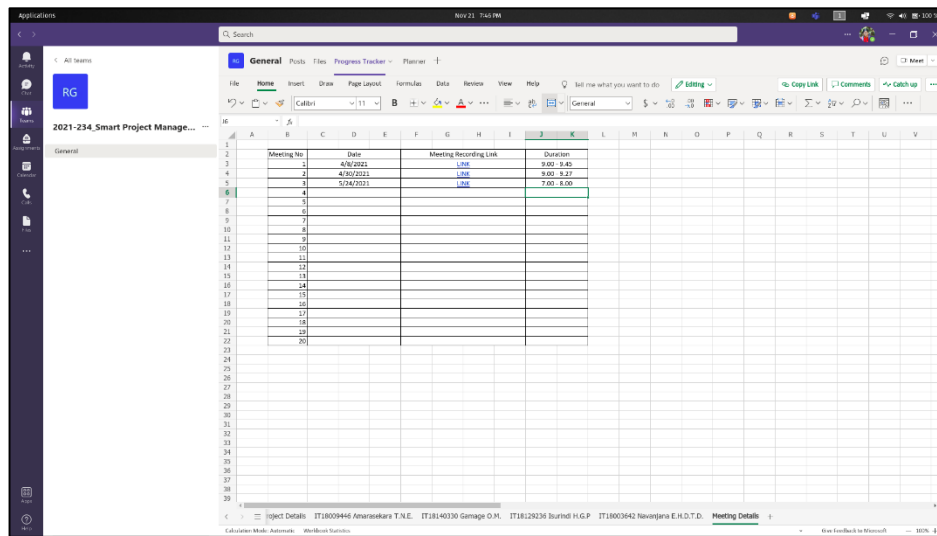

Figure 3 – Meeting records with the meeting recording link

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.
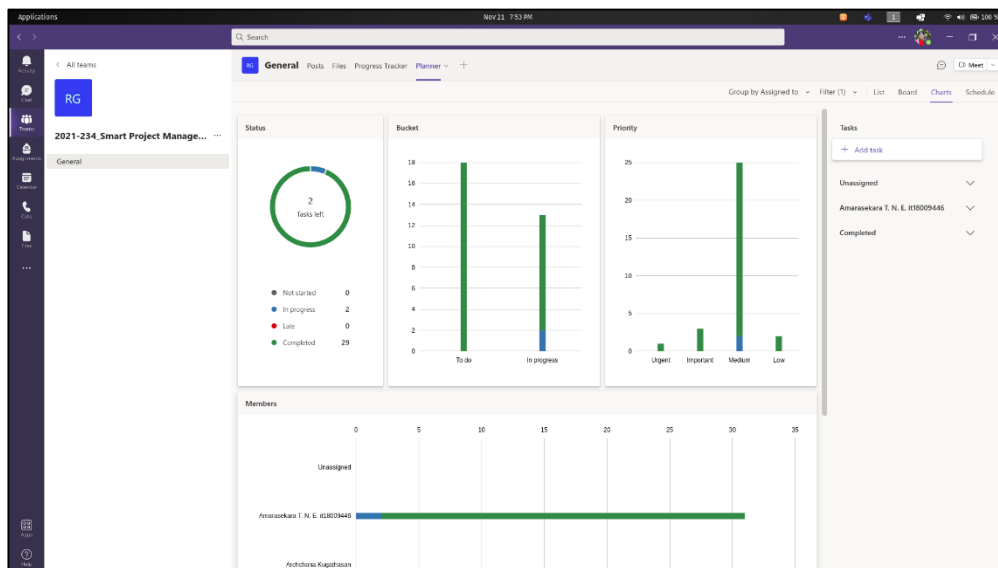

Figure 4 – Tasks overview of completed and in progress task records in the system.

Green colored column segments indicate the completed tasks and blue column segments indicate in progress tasks.
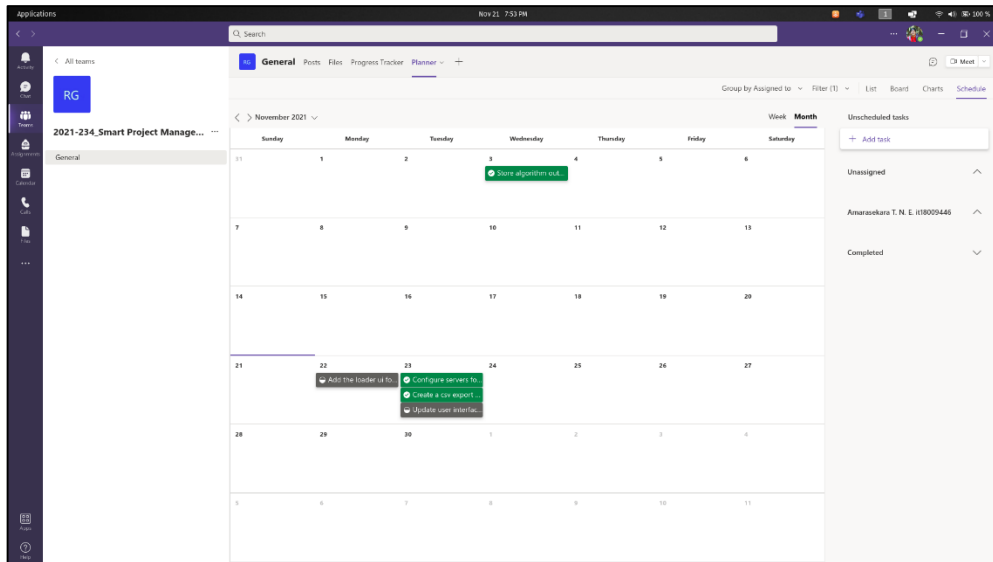
Figure 5 – Calendar overview of completed tasks and in progress tasks
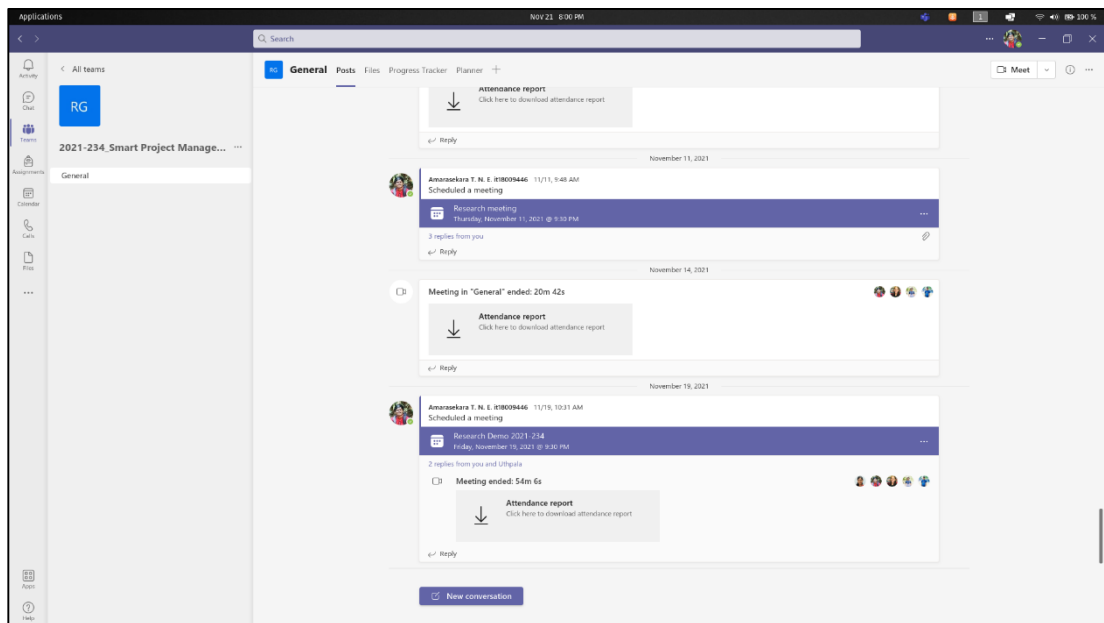
2. MS Teams Meeting Screenshots.
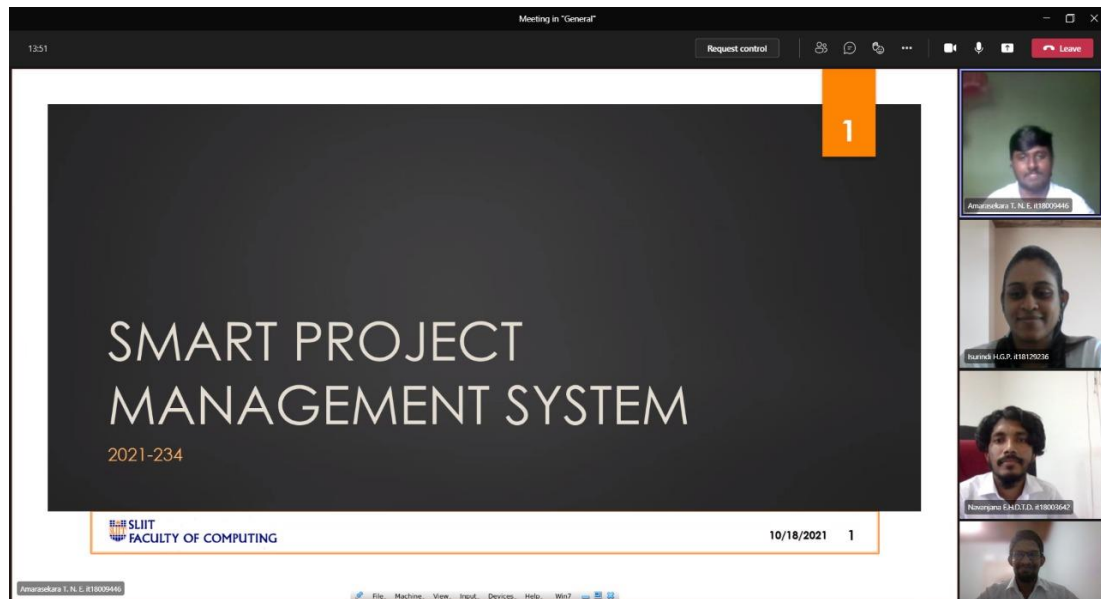

Figure 8 – Meeting history
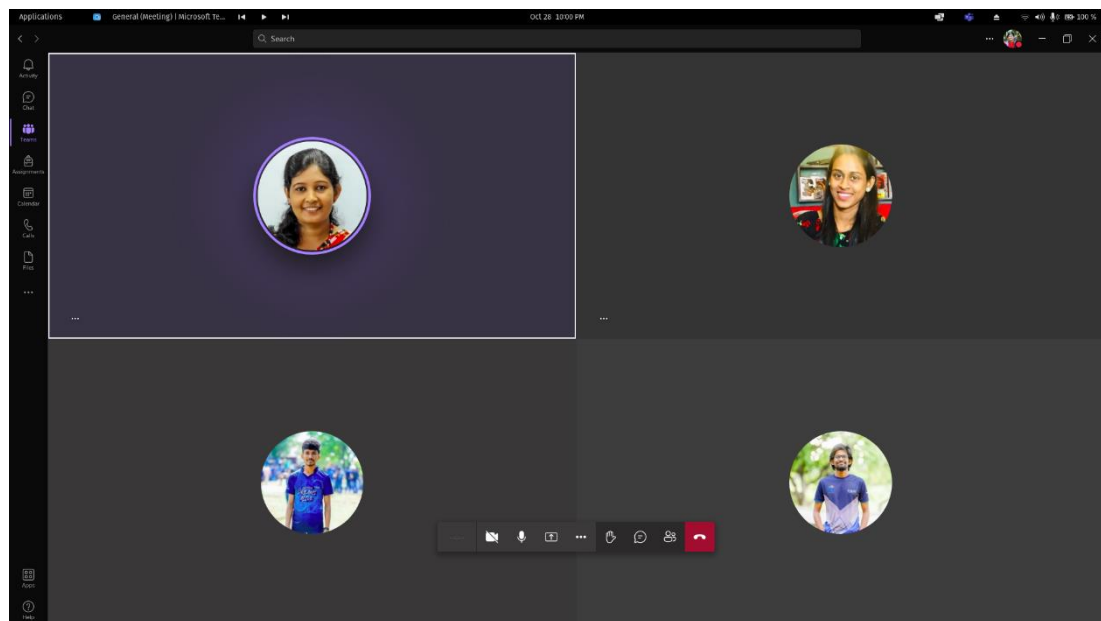
Figure 9 – Progress Presentation 2
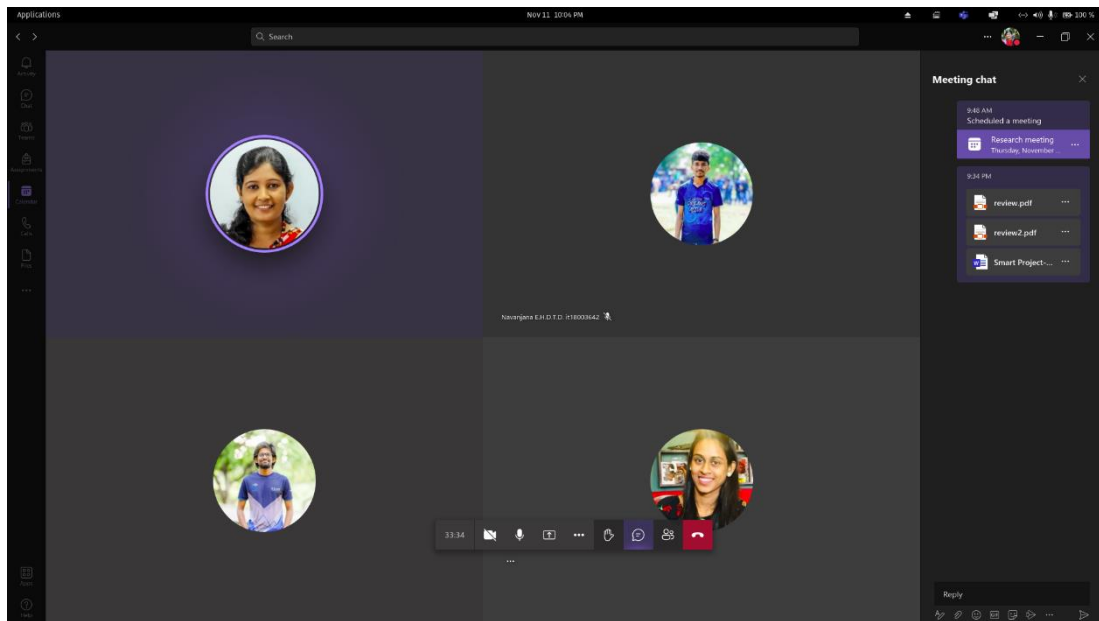

Figure 10 – Meeting screenshot 1

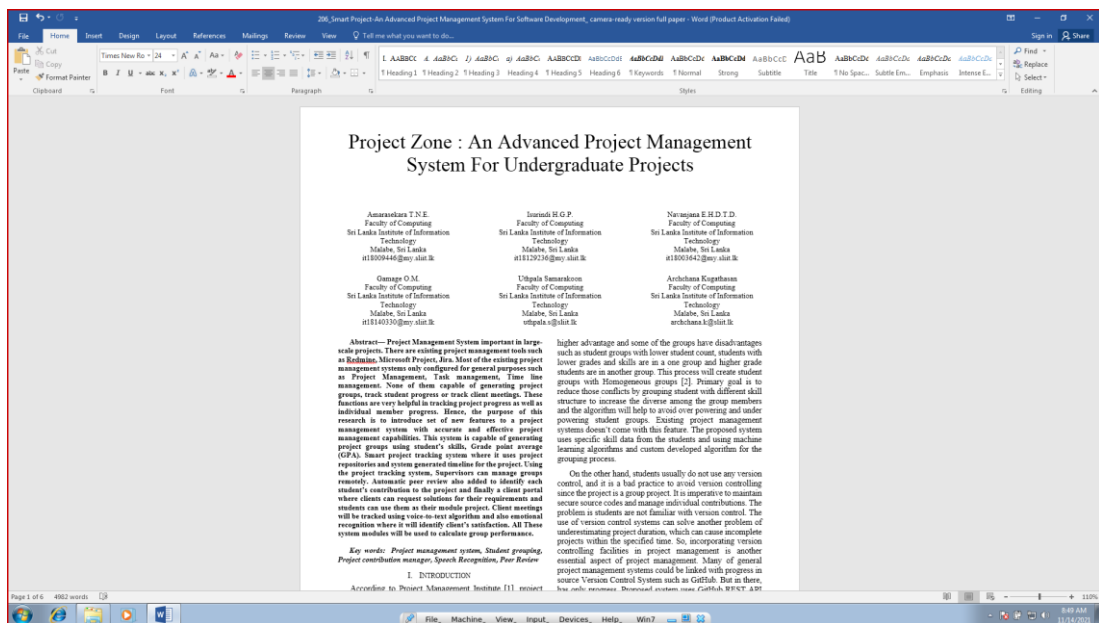Figure 11 – Meeting screenshot 2 (Conference blind review results discussion)

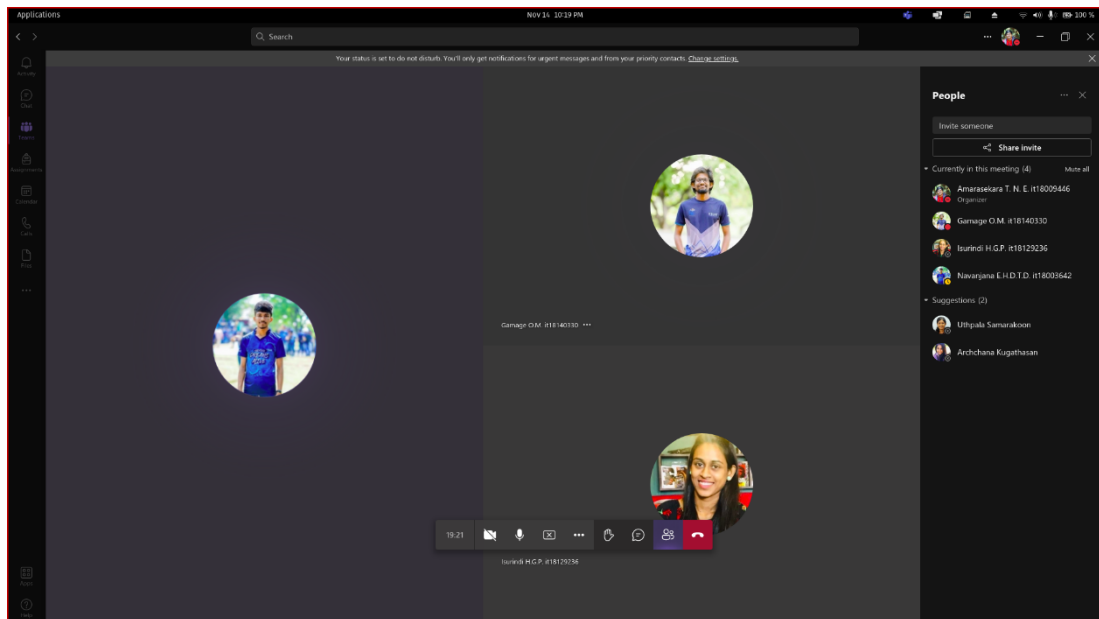Figure 12 – Blind review discussion of the research paper

Figure 13 – Meeting screenshot 4 (Demo testing meeting)
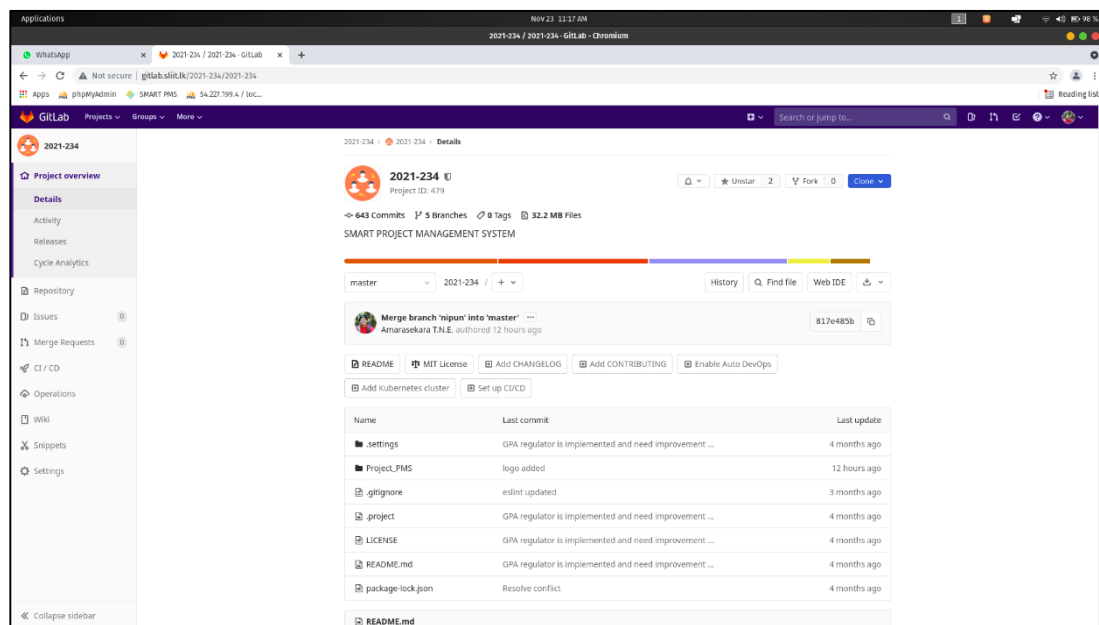
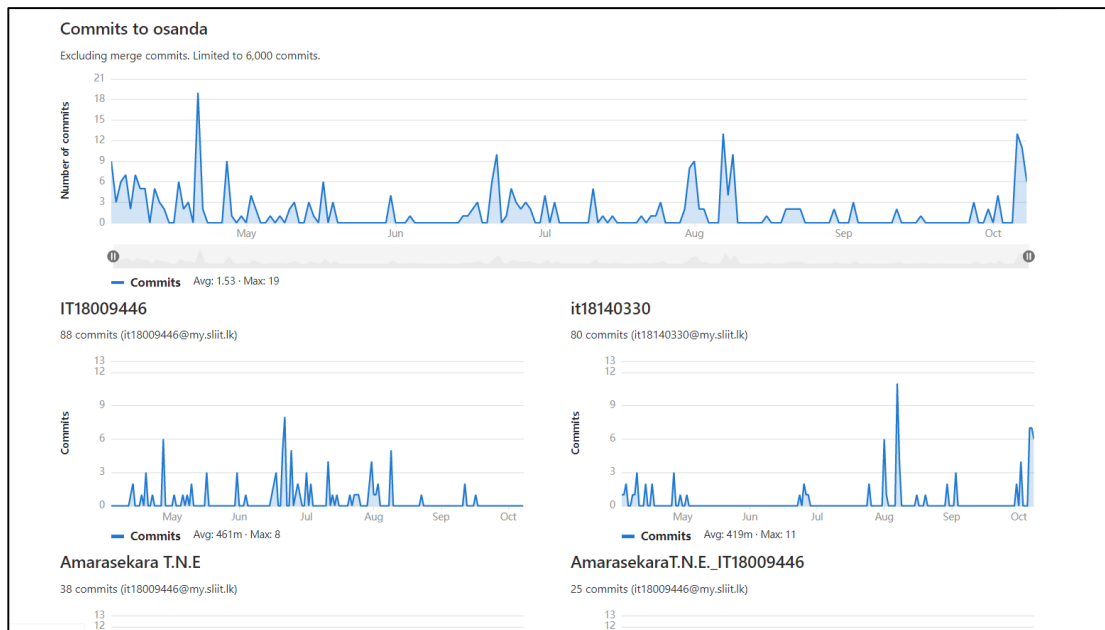## 3. GitLab Reports
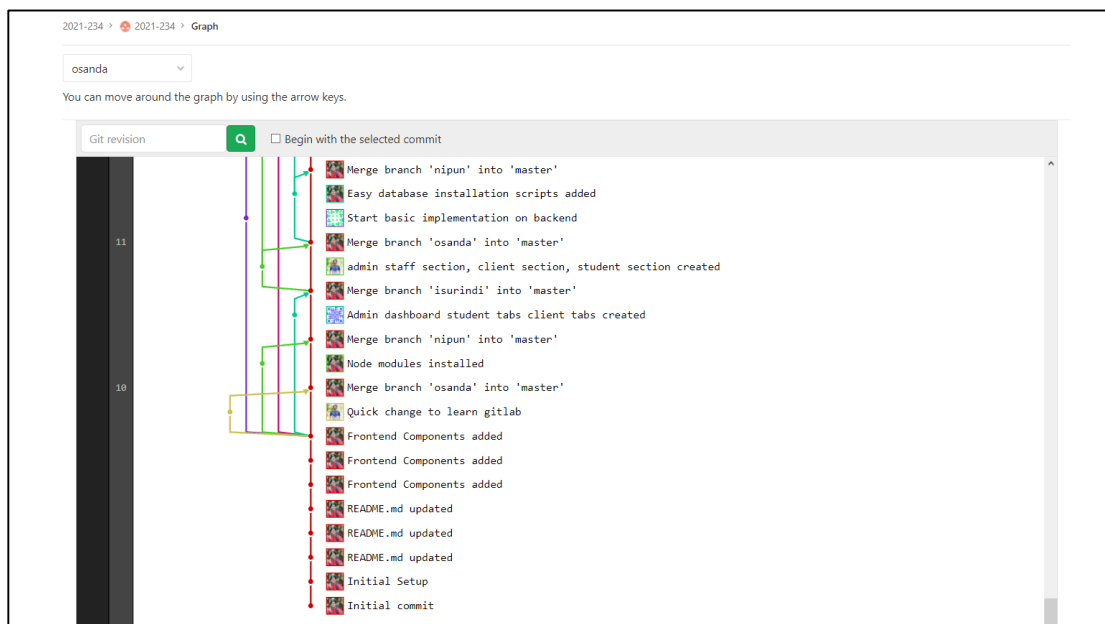

Figure 14 - Repository

Figure 15 – Contribution
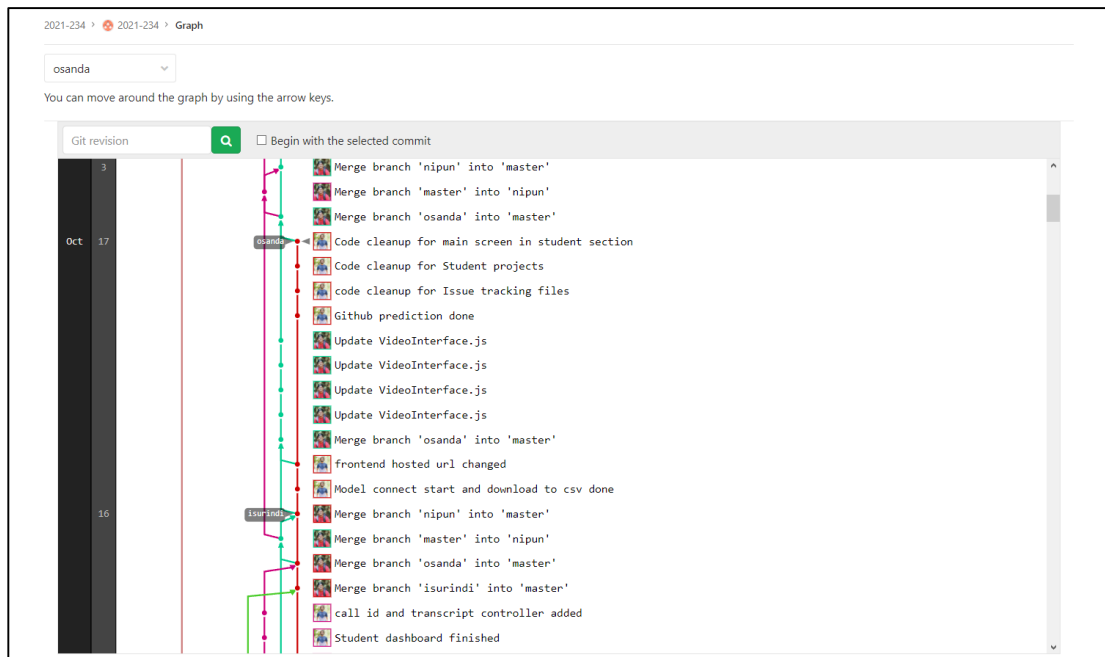

Figure 16 – April GitLab Contribution graph
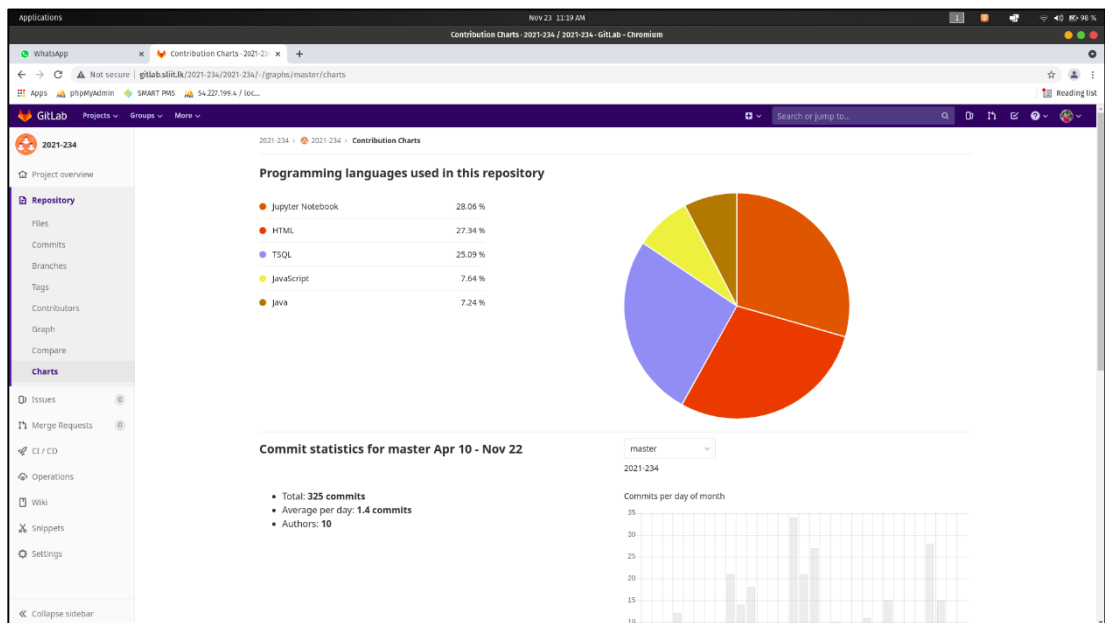
Figure 17 – October GitLab Contribution graph

Figure 18 – Programming Languages Chart
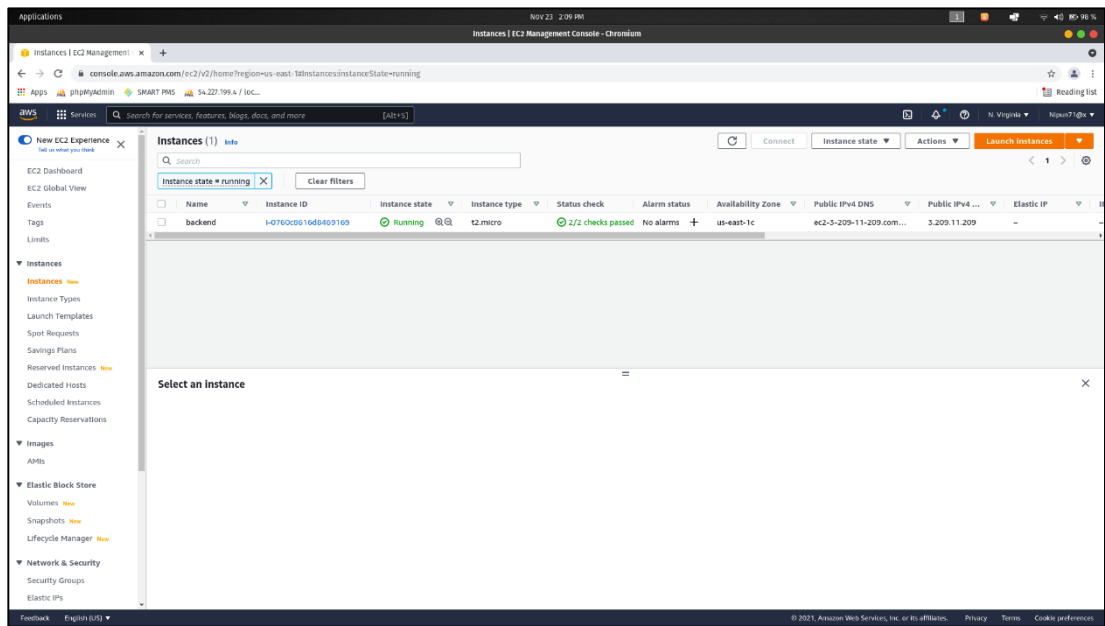
3. AWS EC2 instances for Servers

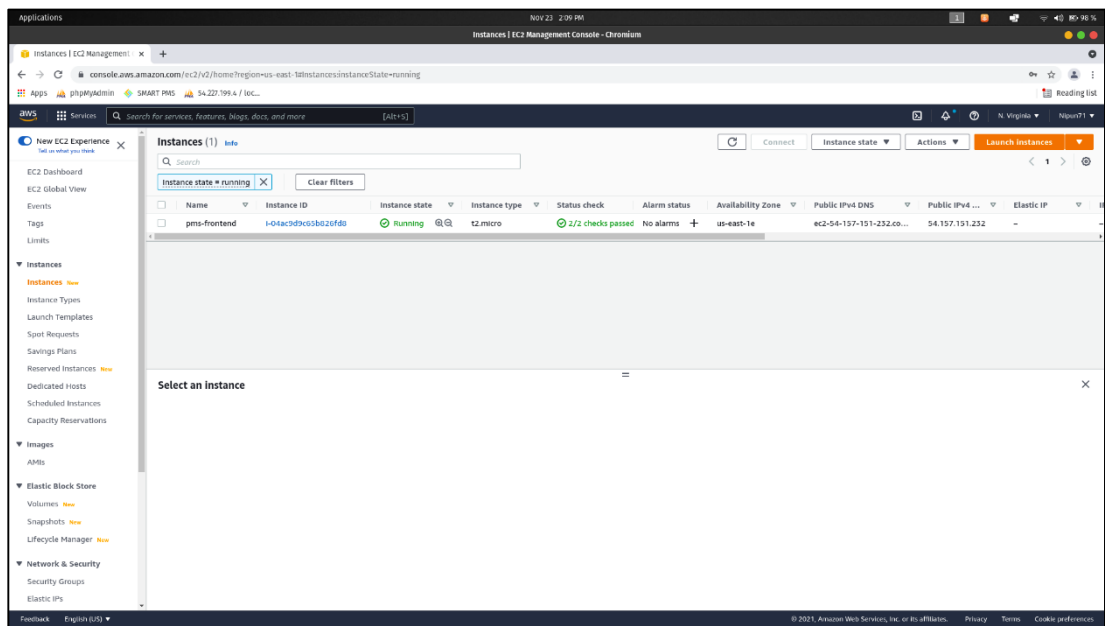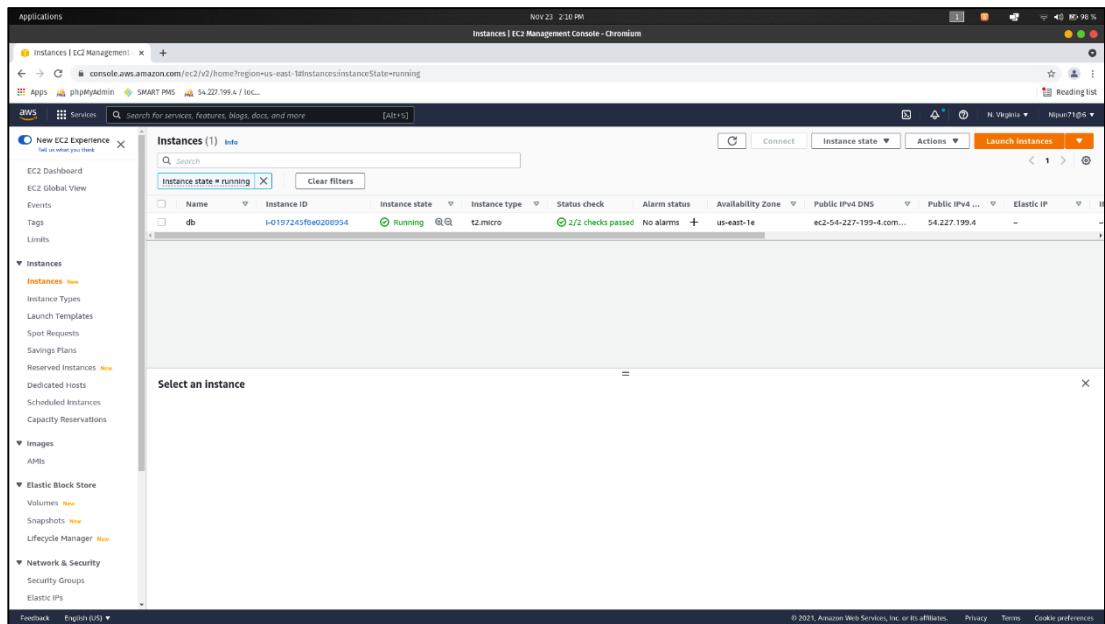Figure 19 – Backend Server EC2 instance

Figure 20 – Frontend Server EC2 instance

Figure 21 – Database Server EC2 instance