FACULTY OF COMPUTING





STATUS DOCUMENT 2

"TeaBot" – Tea Plantation Preservation Using an Intelligent Robot.



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STUDENT NUMBER: IT19973470

GROUP ID: 2023-044

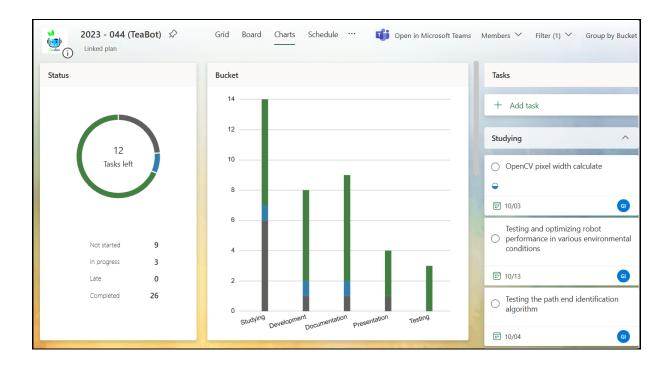
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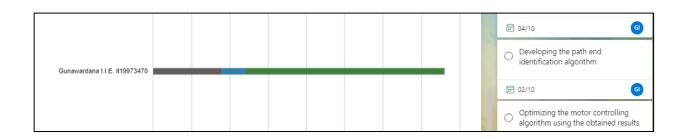
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1 GANNT CHART

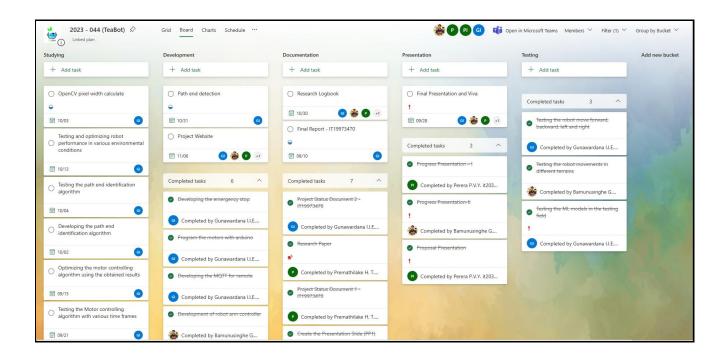


2 PROJECT VIEWS MS PLANNER

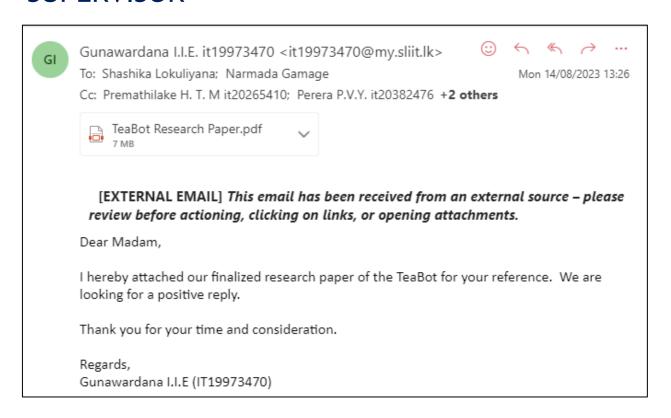




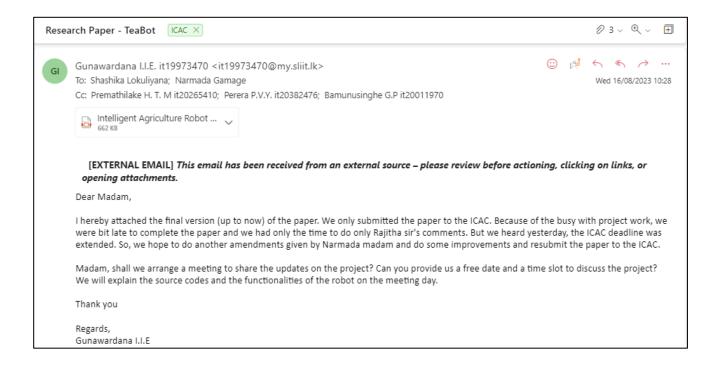
3 WORK BREAK DOWN STRUCTURE MS PLANNER

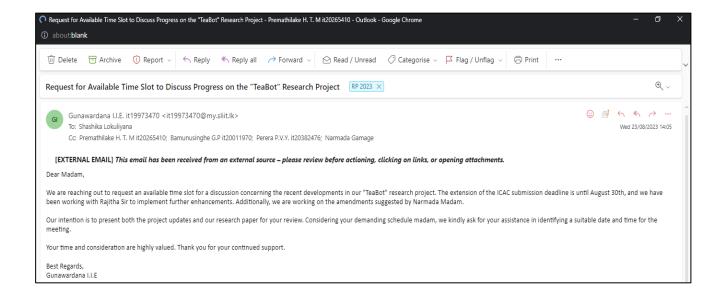


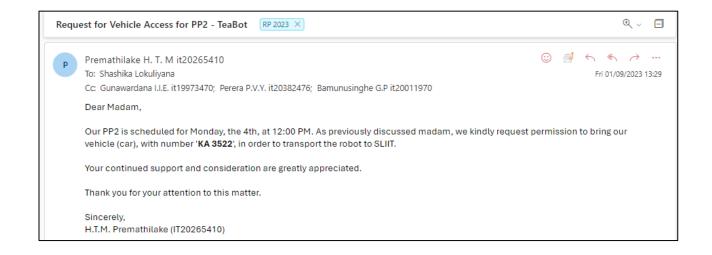
4 EMAILS, MEETINGS WITH SUPERVISOR, CO-SUPERVISOR



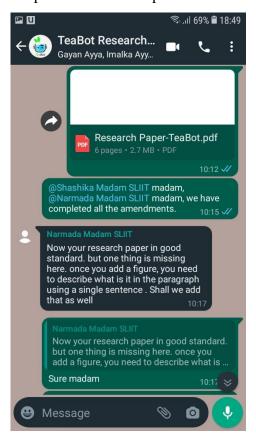




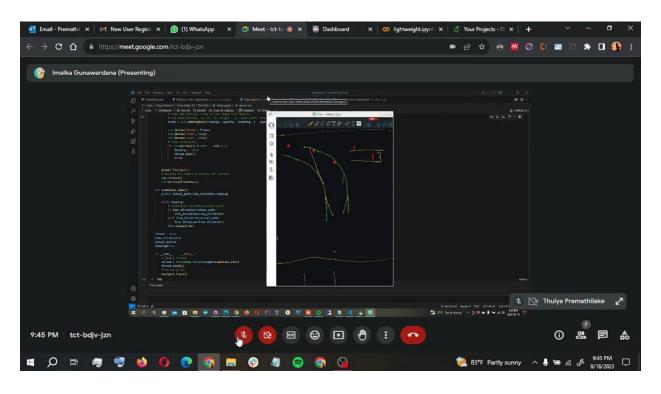


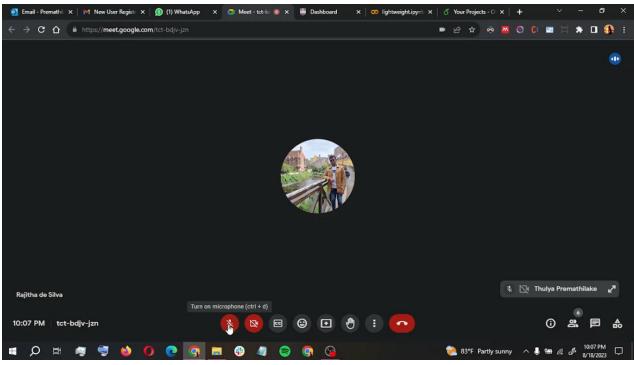


WhatsApp conversations with the supervisor and co-supervisor

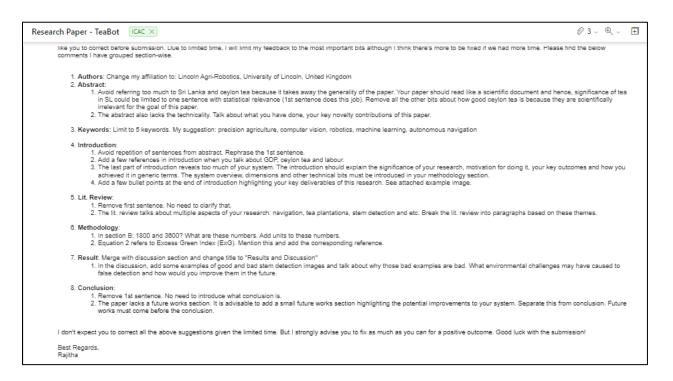


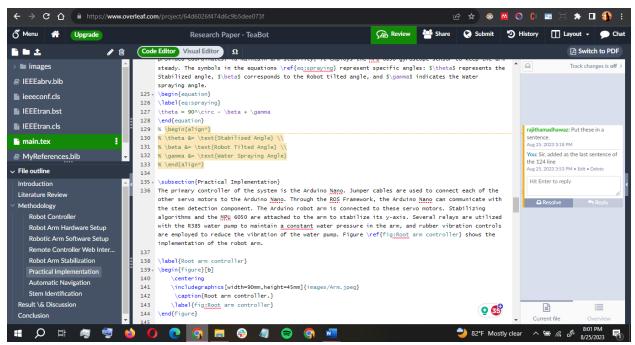
5 EMAILS, MEETINGS WITH EXTERNAL SUPERVISOR

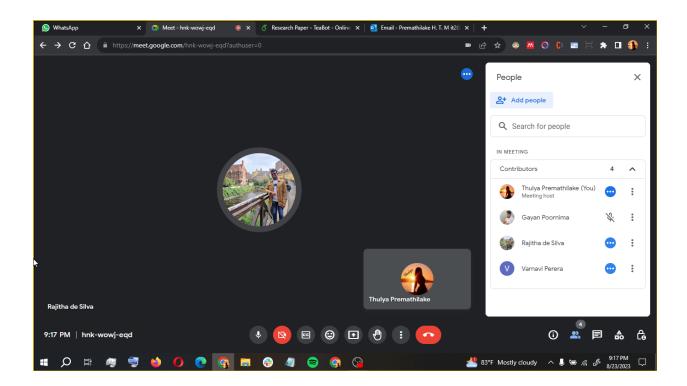




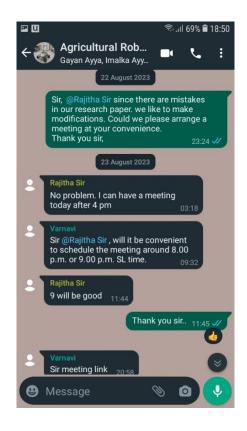
Discussions regarding research paper with external supervisor Dr Rajitha De Silva.

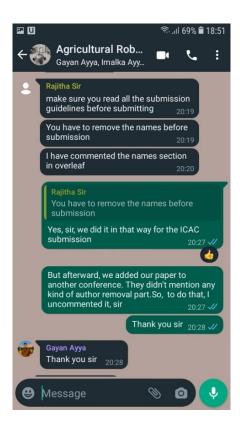




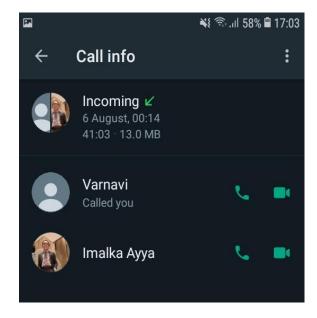


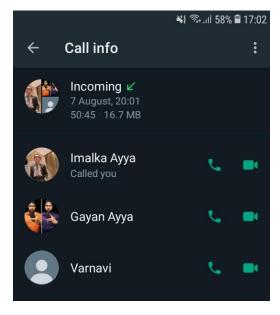
WhatsApp conversations with the external supervisor.



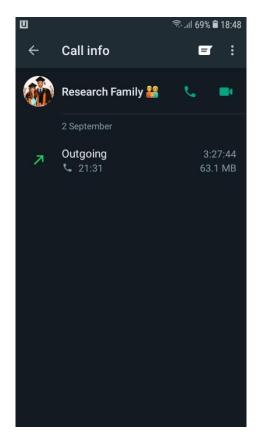


WhatsApp conversations with the team members.

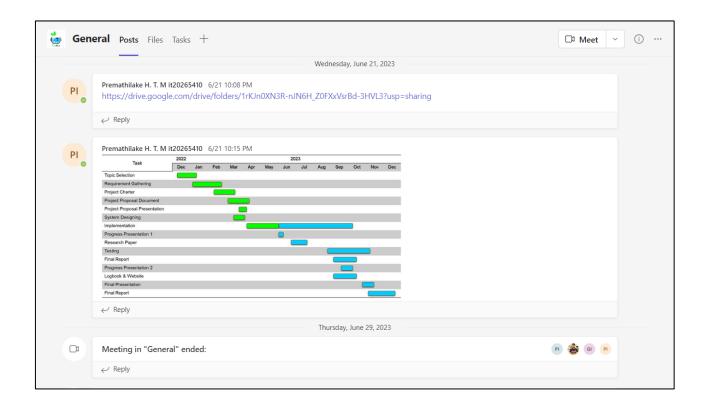




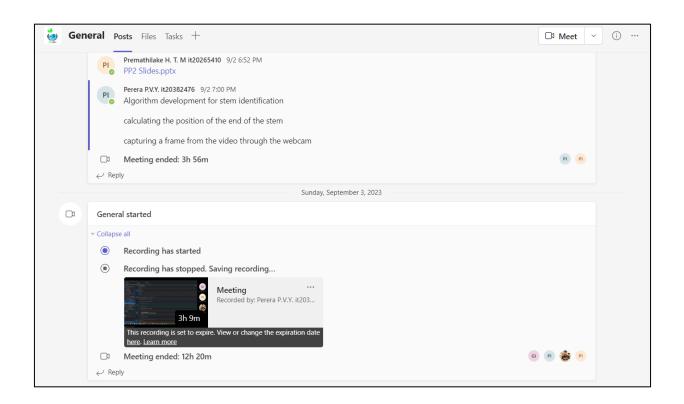


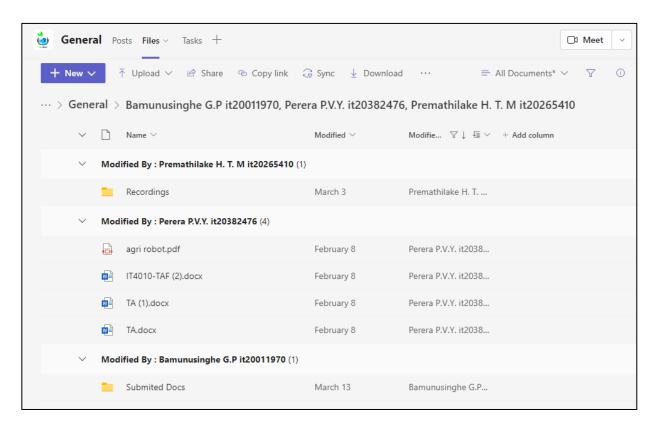


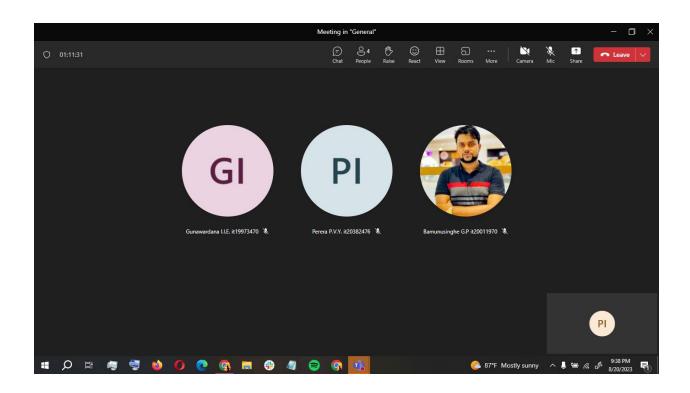
6 Ms TEAMS AND CALLS

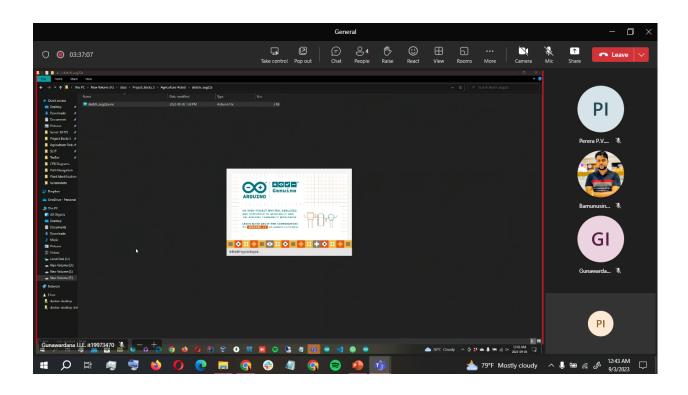


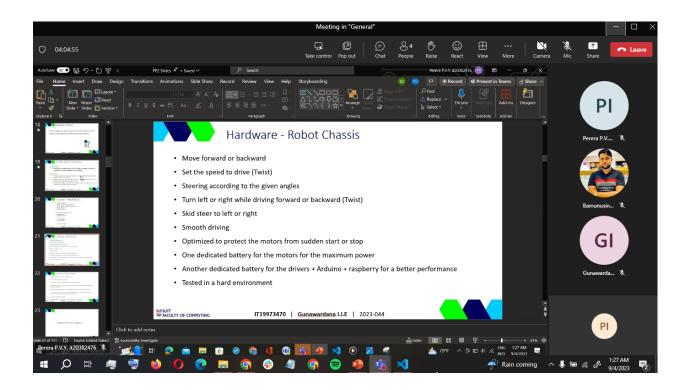






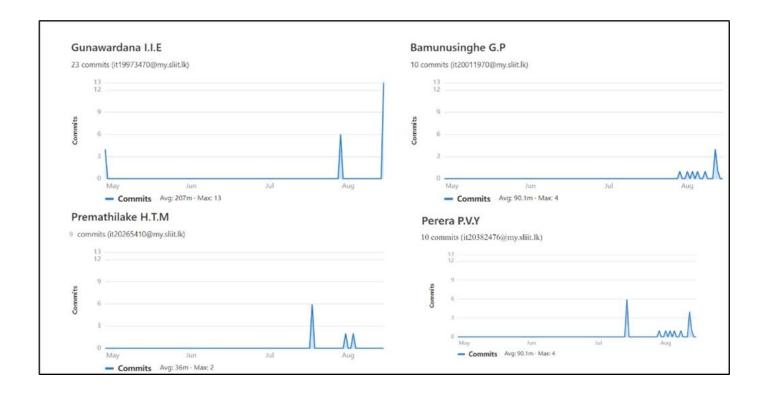








7 GITLAB GRAPHS



8 DEVELOPED PROTOTYPE

Robot chassis development.







ROS motor controlling algorithm development.

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Arduino Motor Controller algorithm.

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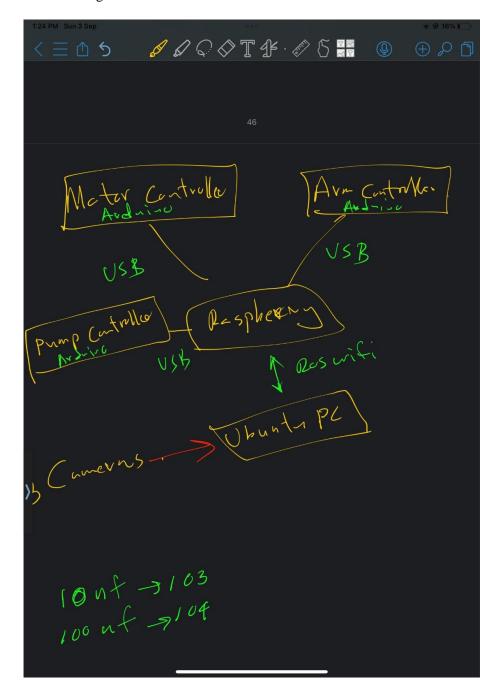
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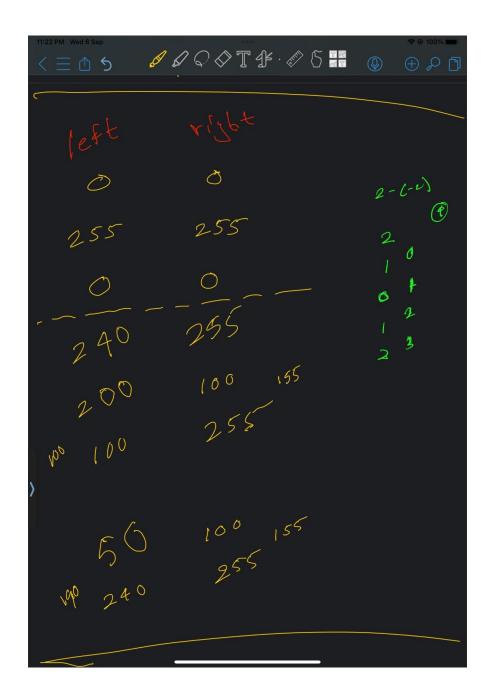
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Auto/Manual Remote Controller algorithm.

Overall architecture design





Robot testing motor controller



