Multi-Model Approach to Recommend Personalized Music Playlist

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Status Document - 1

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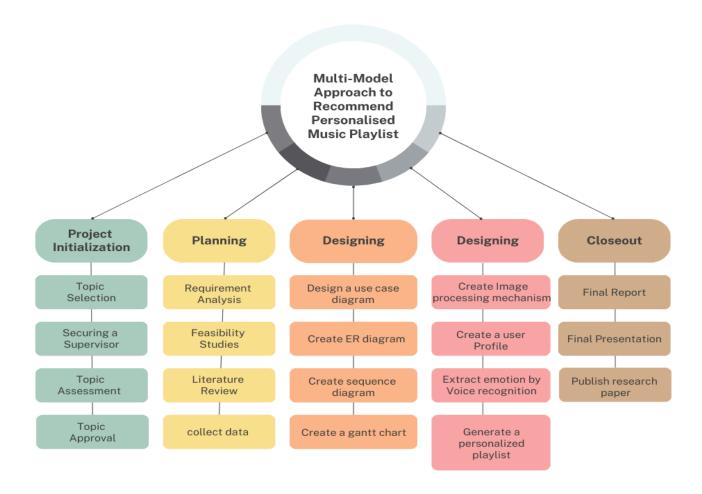
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Introduction

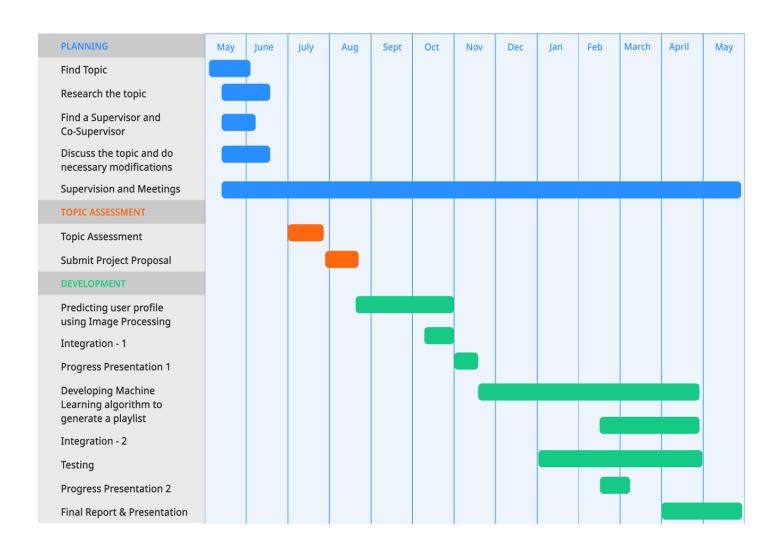
Music recommender systems play a crucial role in assisting users to discover new music that aligns with their preferences, enhancing their overall music consumption experiences. Existing music recommendation systems often overlook the importance of considering the user's immediate surroundings and environment when suggesting songs. The proposed "Music Recommendations Based on the Surroundings of the User" feature aims to create a context-aware music recommendation system that analyzes the user's surroundings. Factors such as the time of day, indoor or outdoor setting, noise level, and other environmental information are considered to understand the user's current mood, activity, and preferences. By bridging the gap between the user's background state and the music they are presented with, this context-aware approach enhances the overall music streaming experience and fosters a more personalized and engaging user journey.

This document is prepared to showcase the status of the project along with the proofs with screenshots of the teamwork within the group.

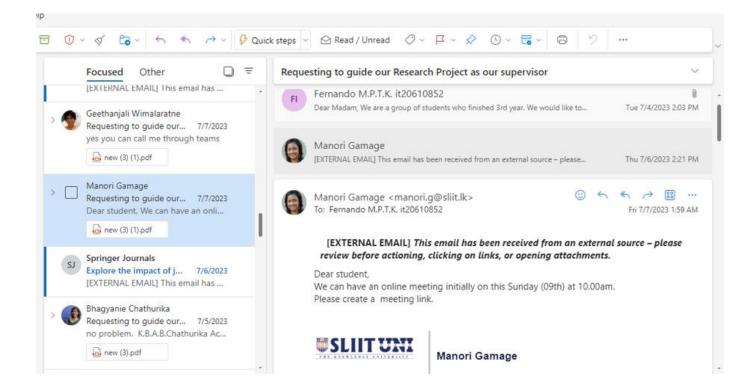
Work Breakdown Chart



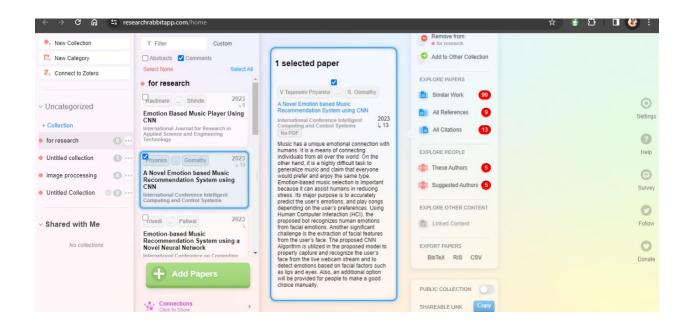
Gantt Chart

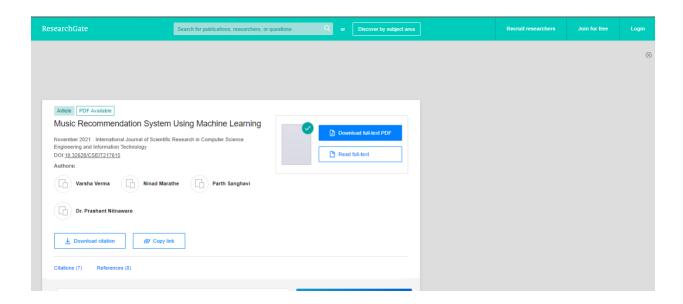


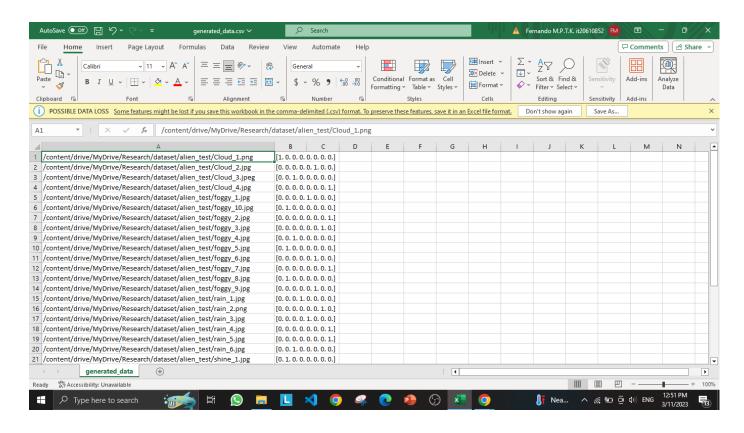
Finding Supervisors and Selecting the research topic

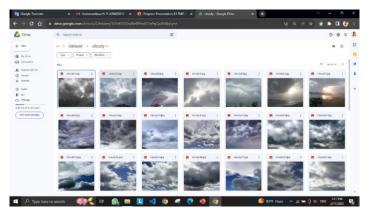


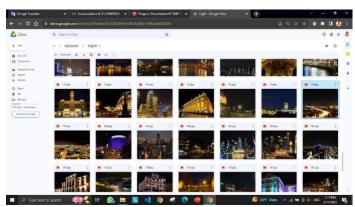
Data Gathering and Research

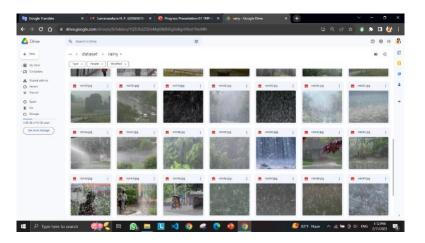




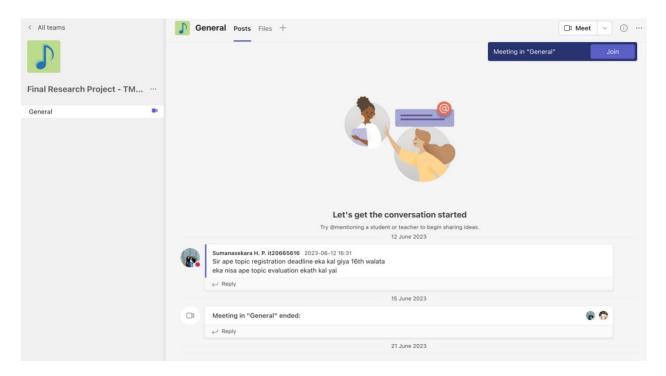


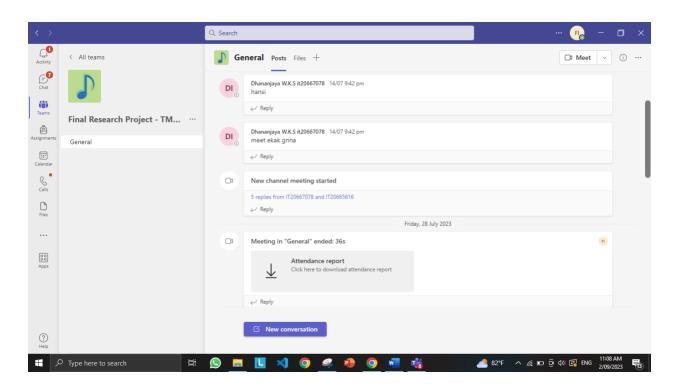


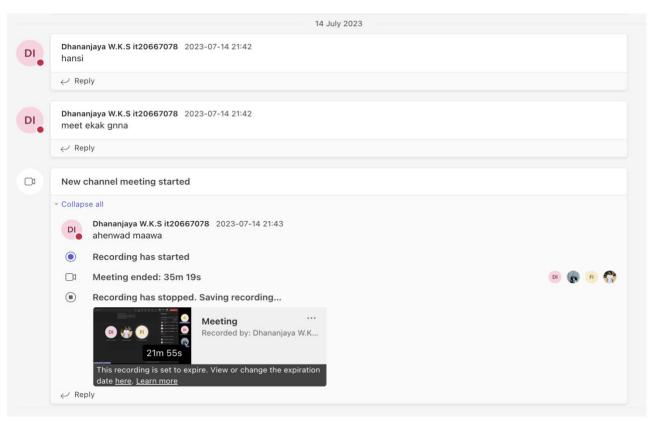




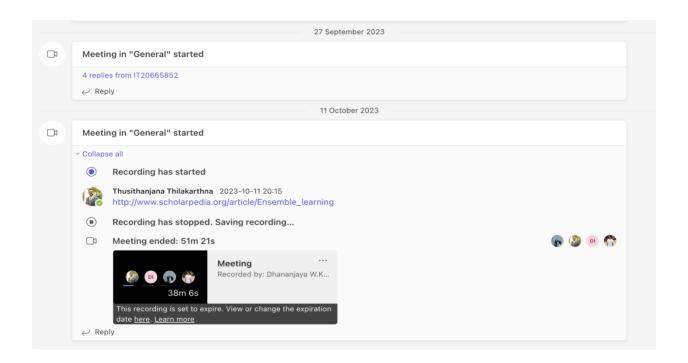
MS Teams Group Creation and continuous meetings



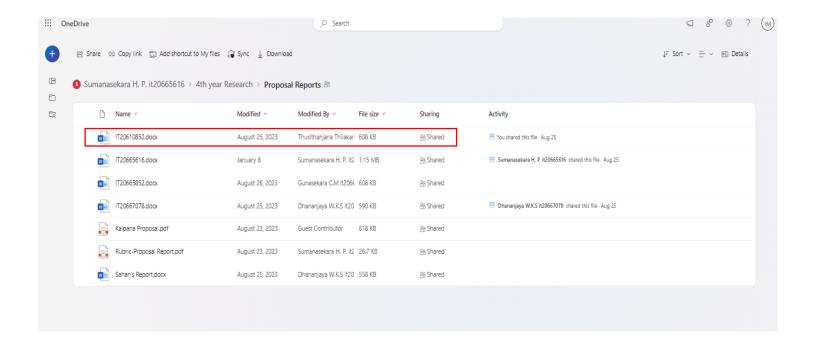




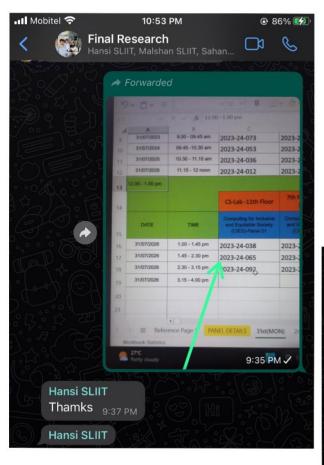


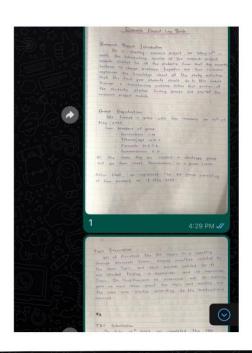


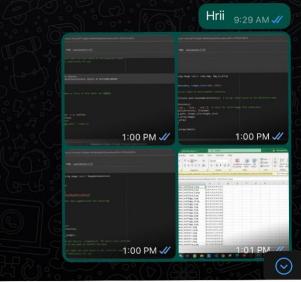
Active with a OneDrive (Cloud) Folder for easy collaboration



Active with a WhatsApp Group for the Team collaboration







Maintaining a logbook

Research Project Log Book

Research Project Introduction

As a storting research project, on May 11th in 2023, the introductory session of the research project module started for all the students. From that day onwards Lecturer in charge professor Jayantha and four Lecturers explained the knowledge about all the study activities that the final year students should do in this module through a brainstorming weekshop. After that session, at the students started finding groups and started the research project module.

Group Registration.

We formed a group with four members on 18th of May , 2023 .

Four Hembers of group

- Gunastkara C.M Dhananjaya W.K.S
 - Fernando M.P.T.k.
- Sumanasekara H. P

All the Same day we created a whatsapp group and we four chose Sumonosekora as a group Leader.

After that, we registered the RP group consisting of four members on 18 May 2023.

Topic Discussion

We all discussed the RP topic in a meeting through Microsoft Teams, shared noveliles related to the Hoth Topic, and each member related to it. and started finding a supervisor and co-supervisor There, Dr. Theithoriana as supervisor and co-supervisor and co-supervisor and novelty, and the work was started according to the instructions

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TAF Submission.

On July 14th 2083, we completed the TAF document through a team meeting and discussed the Firal document. All this members attacussed with a good understanding of their components, and the parts of other members corrected the defeats of the document and finalized it. Then we submitted the TAF document on July 15, 2023.

Discuss Day Hanagement.

On July 18, 2023, all the members discussed how to proceed with the research in a meeting through teams that night and how to use all allocated time for that and discussed the day's management. Accordingly, taking that consideration the future were of the research, as discussed the issues related to the parts of each member in general and decided to study the research papers again after that we managed the dates for the research, taking into account the the options of each members.

Fixed Group member tasues.

On 07/22/2023, one of our research members had a problem with the Dhanajaya Wisk component, and we all had a meeting again through teams Arcardingly, to solve the problem that had arisen for this component, wir at went together through google and Studies various research methods, made the necessary changes, and solved the problem And Discuss the Project with Additional Components. methodologies.

Proposal Presentation

Proposal Presentation.

There was a lecture for the proposal presentation on July 27, 2003, where the proposal presentation was held as the second step of the research. It was said that arrangements have been made to held the proposal presentation on July 31 and Angust 31. After that, on July 28, the members of the group held a meeting in trains to prepare for it and prepare the proposal presentation. We prepared the Inferentian for each member's port separable and discussed the pends to be included in it. After that, an July 36th, we held a meeting with the trains again to fine the prepare for the presentation. We concluded the meeting by considering and correct its shortcomings, and prepare for the presentation. We concluded the meeting by considering and correcting the shortcomings of each member and discussing how to prepare for the presentation. After that our group successfully faced the prepared presentation as discussed and prepared on July 31st and completed the

We discussed the preparation of all the members We discussed the preparation of the make the propersol report. We went back to all the members and sorted out the problems and prepared the report individually. While preparing it. prepared the report individually through the feath the feath leader arranged a meeting through the feath on Rug 07th to discuss the progres of preparing the report of the members, where two team members, Gunasekora C.H. and Dhannejaya W.K.S., took Into consideration the problems that had arisen, and resch some problems is in those two components. Let's try to solve the problems by discussing. After that, we looked of the shortcomings of the documents and discussed to do it again. A meeting was held to finalize the proposal report that was to be uplead on 25th Augest, where the deficiencies where discussed with the supervisor, where the supervisor checked all the reports and discussed the actions to be taken regarding the methodology of the component as per the proper instructions, the groups on 25th Rag proposal report uploaded by members.

Progress so far....

