Sri Lanka Institute of Information Technology

CHAT-BOT SYSTEM FOR COMPUTERS, ACCESSORIES & REPAIR CENTER RECOMMENDATION
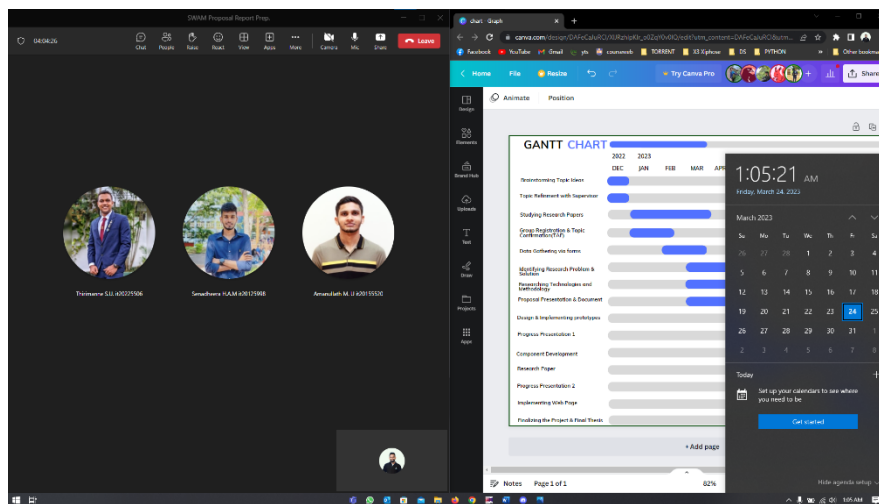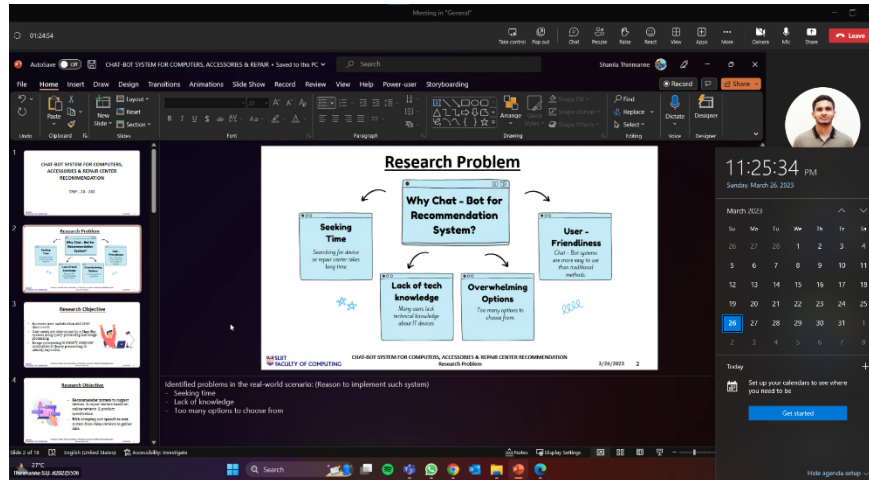
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Senadheera H.A.M

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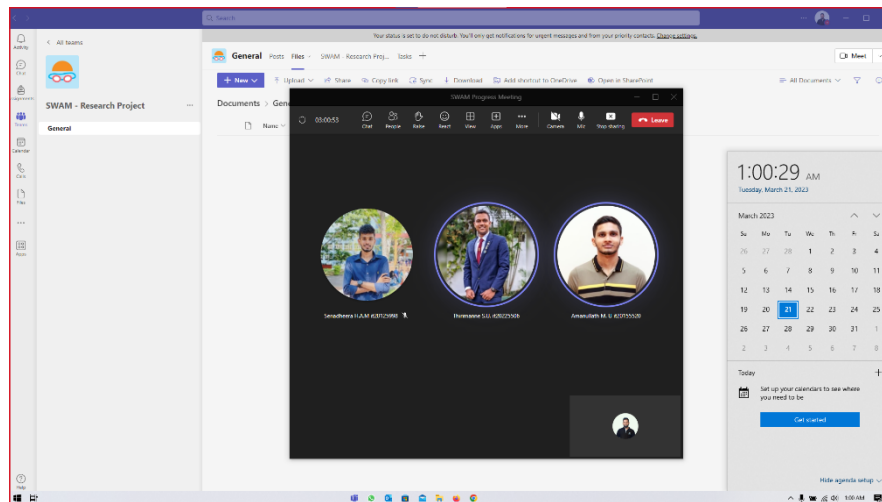
1. Communication
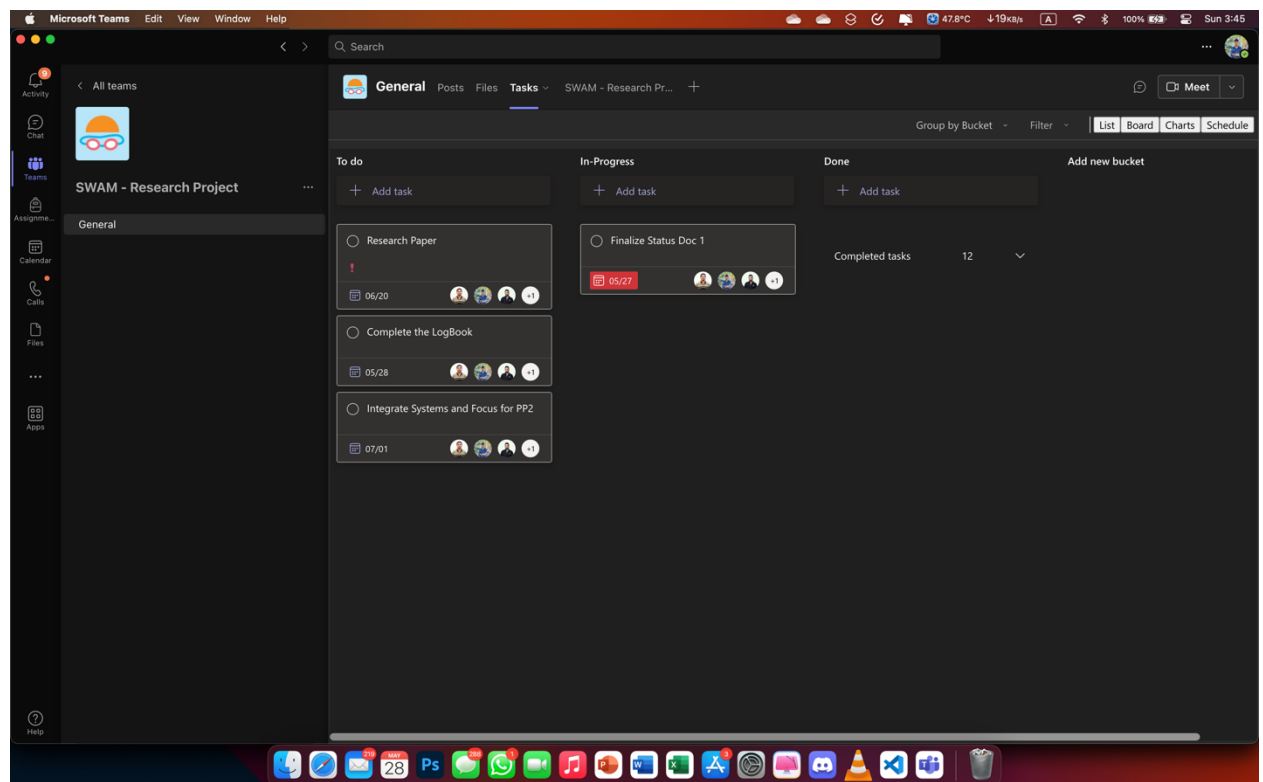
1.1 Creating the proposal presentation.

1.2 Creating the proposal presentation

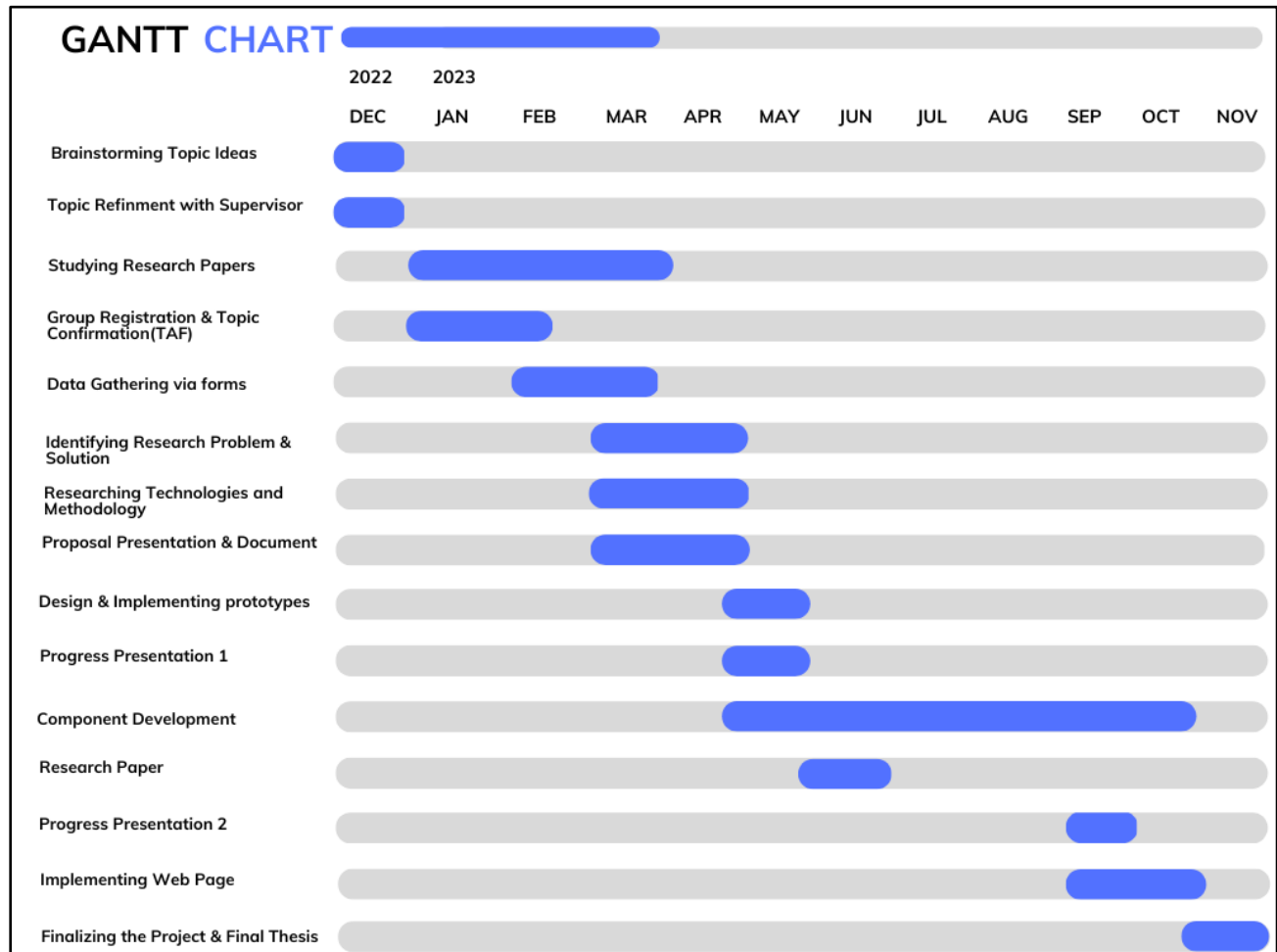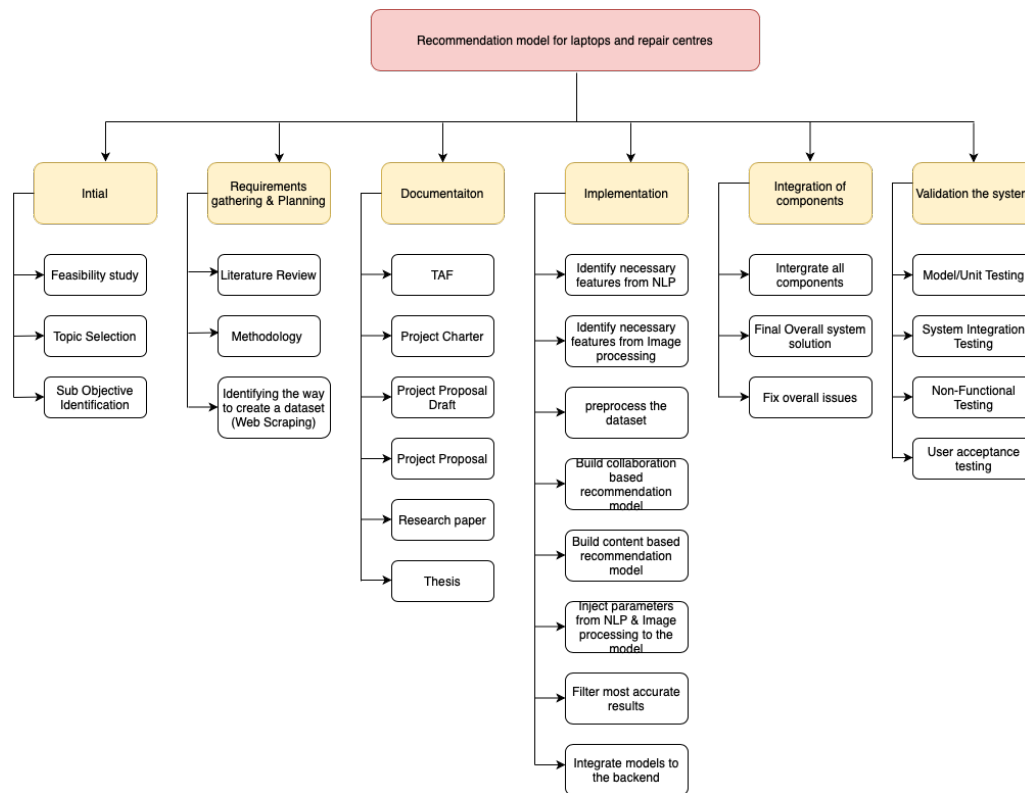This link contains all the necessary attendance reports and Logs UpToDate: LOGS

2. Microsoft Planner and Project Management

3. Gannt Chart

GANTT CHART

	2022	2023										
	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
Brainstorming Topic Ideas	███											
Topic Refinment with Supervisor	███											
Studying Research Papers		████████										
Group Registration & Topic Confirmation(TAF)		████										
Data Gathering via forms			████									
Identifying Research Problem & Solution				████								
Researching Technologies and Methodology				████								
Proposal Presentation & Document				████								
Design & Implementing prototypes					███							
Progress Presentation 1					███							
Component Development						██████████████						
Research Paper						███						
Progress Presentation 2										███		
Implementing Web Page										████		
Finalizing the Project & Final Thesis												███

5

4. Work Breakdown Structure

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                      ┌────────────────────────────────────────────┐
                      │ Recommendation model for laptops and repair │
                      │                  centres                    │
                      └────────────────────────────────────────────┘
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Intial
- Feasibility study
- Topic Selection
- Sub Objective Identification

Requirements gathering & Planning
- Literature Review
- Methodology
- Identifying the way to create a dataset (Web Scraping)

Documentaiton
- TAF
- Project Charter
- Project Proposal Draft
- Project Proposal
- Research paper
- Thesis

Implementation
- Identify necessary features from NLP
- Identify necessary features from Image processing
- preprocess the dataset
- Build collaboration based recommendation model
- Build content based recommendation model
- Inject parameters from NLP & Image processing to the model
- Filter most accurate results
- Integrate models to the backend

Integration of components
- Intergrate all components
- Final Overall system solution
- Fix overall issues

Validation the system
- Model/Unit Testing
- System Integration Testing
- Non-Functional Testing
- User acceptance testing

5. Gitlab Commits