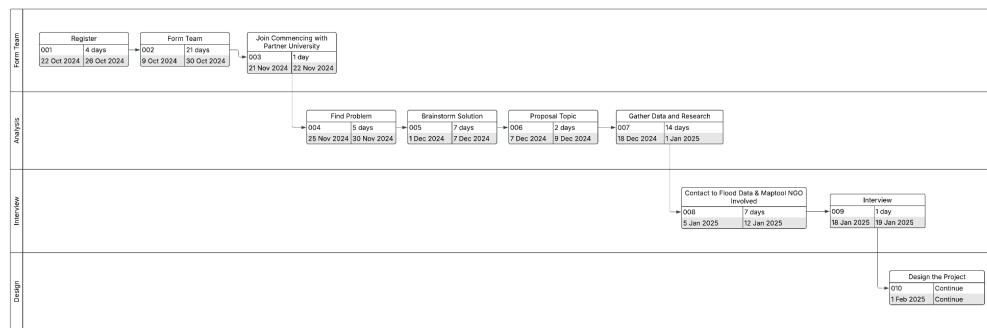


Name: Rithrolendo Ouk

Final Report

1. **(25pts) PERT Chart:** breakdown all of your activities and tasks. You may refer to this link or any other PERT Chart template you may have.



2. **(30pts) Reflection:**

a). Description: This internship with the Sustainability-AI project has been a period of significant professional and personal growth. The experience was defined by the challenge of integrating into a high-level, international collaborative project and assisting senior members with technically advanced frameworks. The following reflection details a key accomplishment in overcoming this challenge, outlines the critical skills developed throughout the process, and evaluates the overall work experience and the structure of the IConnecT program.

- **Problem:** The primary problem faced during the project was a significant technical knowledge gap. While assisting seniors with their Final Year Project on Sustainability-AI, it became clear that the frameworks they were using were "too advance for us" to understand immediately.
- **Anticipated Consequence:** If this problem was not resolved, the anticipated consequence was that I would be unable to contribute effectively to the project. This could lead to an inability to explain the project clearly to stakeholders and, in a worse-case scenario, the project might not be completed successfully.
- **Role:** My role was to transition from a passive observer to an active and knowledgeable assistant on the team. This required me to take personal initiative to bridge the knowledge gap so I could properly support the seniors and fulfill my responsibilities.
- **Action:** The action taken was to proactively engage in self-learning. The "best practices for this is to ask questions and do a lot of researches". I

dedicated time to researching the advanced frameworks and consistently sought clarification from the seniors on complex topics.

- **Decision Making:** I decided to take this direct approach of asking questions and researching because simply waiting to be taught would have been too slow and inefficient. The alternative was to remain unable to help, which would have negatively impacted the team's progress. Proactive learning was the only viable option to become a productive team member.
- **End Result:** The end result of this action was a deeper understanding of the project's technical requirements. This allowed for more meaningful contributions to the team and built the confidence needed to eventually present the project to other universities, a key goal of the task.

b) Skilled learned:

During this internship, several key skills were developed, relating directly to both my academic background and professional growth:

- **Project Timeline Planning:** A major insight gained was the importance of planning a project timeline to ensure "clear goals, efficient resource allocation, and effective time management". This skill is essential for managing complex ICT projects.
- **Task Prioritization and Deadline Management:** I identified a personal need for "Enhancing task prioritization and improving deadline management for greater efficiency". Actively working on this has led to better workflow and reduced delays in project execution.
- **Research and Problem-Solving:** Faced with unfamiliar and advanced frameworks, I developed strong research skills to quickly learn and understand complex technical subjects, which is a critical skill in the ever-evolving field of AI and IT.
- **Communication and Collaboration:** Assisting seniors, participating in stakeholder meetings, and engaging with international project partners required developing clear and effective communication skills to share findings and gather input.

c). Evaluate your experience at work:

My experience at work has been a valuable learning opportunity. The environment was supportive, particularly the senior team members who I was tasked with assisting. They were open to questions, which was essential for

overcoming the initial technical challenges and allowing me to grow and contribute to the project meaningfully.

d). Evaluate your experience with IConnecT?

The IConnecT program provided the official structure for this internship experience. Its main function was to bridge the practical work at the organization with academic oversight through a system of regular progress reports. The bi-weekly reporting requirement ensured that all activities were consistently documented, which helped in tracking progress and reflecting on personal and professional development throughout the semester.

e). What are the pros and cons of being a part of the IConnecT Program?

- **Pros:** The program's structured framework is highly beneficial for learning. The bi-weekly reports help you learn about the "overall operation of your work for the organization, see the progress and you can observe the area of improvement for yourself". This focus on regular reflection and goal setting is a significant advantage for personal and professional growth.
- **Cons:** A notable challenge of the program is managing the additional workload of the reporting deadlines alongside the primary internship responsibilities. The instruction that "failure to submit reports will reflect negatively on your final grade" adds a layer of academic pressure to the professional work environment.

1. (5pts) Photos at your work place with any related activities. (Online, in the office, activities outside, etc)

Meeting:



Meeting Room:





**3. (10pts) Online course:
Rithrolendo Ouk certificate:**



C++ Intermediate: Help understand C++ syntax, programming embedded system like Arduino and function deeper and learning OOP Programming better.



Introduction to C++: helps to understand the basics and fundamentals of C++ in order to successfully understand the upcoming projects.