



BITI 3553 ARTIFICIAL INTELLIGENCE PROJECT MANAGEMENT

SEMESTER 1 2020/2021

3 BITI S1G1

Lab 1 : Project Management Framework

Lecturer's Name: Ts. Dr. Goh Ong Sing

Group Members:

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Lab 1 – Project Management Framework

Project Title : Text-Message Predictor

Stakeholders :

- **Project Manager** : Abdul Haziq Bin Abd Khalid
- **Group Members** : 1) Ahmad Naufal Bin Mohd Saleh
2) Muhamad Nur Bin Muhamad Zaidi
3) Muhammad Nabil Imran Bin Solehan
- **Project Sponsor** : None at the moment
- **Support Staff** : None at the moment
- **Customers** : Messaging Apps Company
- **Users** : Messaging Apps User
- **Suppliers** : None at the moment

Scope Management

The scope of our project is to help in the daily routine of messaging other people. As we know, messaging others often takes some time and our project is aimed on easing the messaging process by providing text suggestions that users can choose when typing their messages.

Time Management

To make sure our project meet the deadline properly without any issue, we will be dividing our task between group members and we will also create a Gantt Chart so that each group member can use it as a timetable to see which task needs to be prioritizes first, which task can be hold off longer, etc.

Human Resource Management

Human Resource Management includes the processes that organize, manage and lead the project team. To manage the project successfully, each team member needs to have a specific role such as Project Manager. The roles for each member in this team are:

- **Project Manager** : Abdul Haziq Bin Abd Khalid
- **Group Members** : 1) Ahmad Naufal Bin Mohd Saleh
2) Muhamad Nur Bin Muhamad Zaidi
3) Muhammad Nabil Imran Bin Solehan

Cost Management

Cost management is very important as it will determine the project's end product. It is viewed as a continuous process, it helps to split the function into four step which is resource planning, estimation, budgeting and control. They are mostly sequential, but it is possible that some resource changes happen midway through the project, forcing the budgets to be adjusted. Cost management also helps the project manager estimate what the project will cost and set in place controls by which can reduce the chance of the project going over budget.

Communication Management

Communication is one of the crucial factors towards a good progress of the project. A great communication among team members will create an environment of mutual understanding throughout members, thus leading to high productivity and efficiency of work by team members. Communication made through an open source communication application. The applications used are Discord for audio communication and synchronise working, and Cisco Webex Meeting for project meeting and presentation. Github also will be used in this project for work files repositories.

Risk Management

Risk management involves in determining and finding the possible threats that can affect the progress and development or the system of the text-message predictor itself. We have to ensure that we have proper license to run this project and good financial management to make sure the project can be done without any problem. Another risk that could cause the text-message predictor to not run properly is the changes in hardware and software that run the application. Changes like OS updates could affect the performance and how the application works. Providing the solution to these risks like always developing and updating the application will overcome these risks.

Procurement Management

Procurement management is implemented to gather all the required resources and supplies to help this project finish successfully. This process involves analyzing all the requirements that need to be achieved and monitored. For our application, a large amount of user input is required to help develop the application successfully.

Quality Management

Quality management in this project involves the condition of the product before and after launch. The condition of the product before launch must be according to a standard that has been defined by the project manager. For the condition after the launch, team members must work together in maintaining the overall quality of the product.

Tools and Technique

1. Google Docs - To write a project's report and documentation.
2. Discord - For general discussion and meeting about the project.
3. Cisco Webex Meeting - For formal meeting with stakeholders.
4. Python - Programming language used for the project.
5. Github - For task distribution among group members and document repositories.