FACULTY OF INFORMATION & COMMUNICATION TECHNOLOGY

SEMESTER 1 SESSION 2020/2021

BITI3533 ARTIFICIAL INTELIGENCE PROJECT MANAGEMENT

FIRE DETECTION USING COMPUTER VISION

LAB 11: QUALITY PROJECT MANAGEMENT

Prepared for:

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1. Explain briefly the project **quality management process and output** in planning, executing, monitoring and controlling the artificial intelligence project.

Project quality management is a set of interrelated or interacting elements of an organization that establishes policies, objectives and processes to achieve those objectives that are aligned to customer focus and satisfaction through quality services or products. In simple terms a Quality Management System helps you maintain and expand your customer base by putting them first. In addition, help of our management manual and additional process instructions, we document the high demands placed on our quality management system.

Planning

Process: Quality Planning

Output: Quality schedule plan, cost analysis, quality communication plan, risk management, quality change and configuration plan.

Executing

Process: Quality Executing

Output: Quality procurement management, track and tasks management, quality project tasks execution, quality KPIs management, quality project update and chart updates.

Monitoring and Control

Process: Quality Control

Output: Quality installation, configuration, unit testing and review result.

2. Prepare the Expectations Management Matrix (EMM) for your AI Project Management using EMM below and with given sample in the Table 1.

Expectations Management Matrix

Prepared by: Nur Izzati binti Shafie   **Date: 31/12/2020**

Measure of Success	Priority	Expectations	Guidelines
Scope	1	Everyone must do according to their job scope.	Meeting once a week but if there is emergency, emergency meeting can be done.
Time	2	Has been scheduled realistically and need to be delivered on time.	Stakeholders need to be alert if there are any changes of timeline.
Cost	3	Using lower cost materials while still making sure the quality is good.	Cost need to be limited but if additional financial is needed, project manager has to tell the sponsor.
Quality	6	Need to be top notch to satisfy the customer.	Quality standards have to be followed.
Customer Satisfaction	5	Expects us to have a great quality system and delivered in on time.	Making sure each items of the system will run properly.
ROI Projection	4	The ROI is 79.77% in 6 years	Project Manager and other members will handle the customer until the ROI has been reached and bring a bright future to the company.