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**LAB 11: QUALITY PROJECT MANAGEMENT**

(Submit your Lab assignment at ulearn with group of 2-4 students)

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

| Planning | **Process:** Quality Planning |
|---|---|
| | **Outputs:** Quality management plan, quality metrics, quality checklists, process improvement |
| **Executing** | **Process:** Quality Assurance |
| | **Outputs:** Requested changes, recommended corrective actions, updates to organizational |
| **Monitoring and controlling** | **Process:** Quality Control |
| | **Outputs:** Quality control measurements, validated and recommended defect repair, recommended corrective and preventive actions, requested changes, validated deliverables, and updates to the quality baseline, organizational process assets, and the project management plan. |

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: Ariff Rahimin**                              **Date: 31/12/2020**

| Measure of Success | Priority | Expectations | Guidelines |
|---|---|---|---|
| Scope | 2 | All the scope statement clearly defines. | Make sure the face recognition model can perform well. |
| Time | 1 | All the progress needs to follow the deadline and make sure the schedule is realistic based on the scope of work | The project sponsor, program manager and developer need to alert with the deadline. |
| Cost | 3 | Funds are needed due to the project target which is to cover whole hotspot area in a city. | Propose a sponsor to the company that interested with the project. |
| Quality | 4 | The quality is important to be able accurately recognize faces without any error and it follows our testing procedure. | Compose a group of testers that is expert and through with the facial recognition system. |
| Customer Satisfaction | 5 | Customer satisfaction is understanding, defining, evaluating and managing customer requirements so that their expectations are satisfied. | All the documents and presentations that are provided to the customer need to be prepared from people who involved in the project. All the customer desire needs to be satisfied as soon as possible. |
| ROI Projection | 7 | Professional or senior employee must be as a head of finance department to ensure that all projects can handle and calculate company's finance in achieving Chief Executive Officer's Key Performance Index (company value increase at least 5-8% every quarter). | Only person that are experienced in negotiation skills with customers and very particular in handling a project fund to ensure that production line can run based on production benchmark's value (Net Present Value) |
| Technology/ Standards | 6 | There are several potential solutions available, but only one that meets all the sponsor's technical requirements, especially for accounting. | While corporate IT standards are important, an exception makes sense in this case. |