UNIVERSITI TEKNIKAL MALAYSIA MELAKA

BITI 3533: ARTIFICIAL INTELLIGENCE

PROJECT MANAGEMENT

LAB 11: QUALITY PROJECT MANAGEMENT

PREPARED BY:

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PREPARED FOR:

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1) AI Project Quality Management Process and Output

	Process	Output
Planning	Quality Planning	Planning and clustering can be exploited for offering public services in a personalized. Scheduling and clustering that empower functionalities such as route planning and recommending points of interest.
Executing	Quality Assurance	With a performance closer to the best known recommender algorithm, including common user-based and item-based approaches, and it needs the lowest computational time.
Monitoring and Controlling	Quality Control	To evaluate the performance collaborative filtering methods are monitored using the k nearest neighbors, the maximal clique methods, the k-clique methods, and the proposed methods are used to evaluate the MovieLens data. The performance results show that the proposed methods improve more accuracy of the movie recommendation system than any other methods used in this experiment. Different implementations could deal with use of personal data issue in different ways, such as making this information available to users, leaving the control to each individual user or hiding it completely.

Expectations Management Matrix

Prepared by: Project Manager   **Date: 31/12/2020**

Measure of Success	Priority	Expectations	Guidelines
Scope	1	The scope statement clearly defines mandatory requirements and optional requirements.	Focus on meeting mandatory requirements before considering optional ones. In this case, following corporate AI standards is optional.
Time	1	There is little give in the project completion date. The schedule is very realistic.	The project sponsor will be alerted if any issues might affect meeting schedule goals.
Cost	3	This AI project is crucial to the organization. If you can clearly justify the need for more funds, they can be made available.	Cost plays major role in AI project. There are strict rules for AI project expenditures and escalation procedures. Projected costs are calculated during the planning phase of a project and must be approved before work begins.
Quality	6	Quality is important and the expectation is that we follow our well established processes for testing movie recommendation system.	Without customer satisfaction there can be no quality. Firstly, identify the requirements for the quality of the deliverable and how the AI project needs to be managed. Agree on how this process will be documented and how that information will be delivered.
Customer Satisfaction	4	Our customer expects us to act professionally answer questions in a timely manner and work collaboratively with them to get the project done.	Customer satisfaction is part of the project quality management. It ensures that the policies, objectives and responsibilities of the project will satisfy everyone involved in the project. All presentations and documents provided to the customer.

ROI Projection	5	The business case for this project projected a ROI of 40% within two years after implementation.	Our finance department will work with the customer to measure the ROI. Meeting or exceeding this projection will help us bring in future business with this and other customers. If costs are spread over more than a year, the project manager should calculate the net present value of costs as well when determining ROI.
Technology/standards	2	There are several potential solutions available, but only one that meets all of the sponsor's technical requirements especially for accounting.	While corporate AI standards are important, an exception makes sense in this case.