Discussion 7 User Acceptance

<u>Discussion Topic:</u>

What approach would work best for your project to close it down and get user acceptance that the project is completed? You can use your project for this course, or another project that you have worked on.

<u>My Post:</u>

Hello Class,

To close out the Project Codebase at Omega.py (my course project) and get user acceptance, I would implement a transition plan and administrative closure process.

Project Codebase Overview:
The goal of the Project Codebase development is to design and implement an intelligent platform (AI Agent + RAG system) that helps Omega.py software engineers and AI coding agents understand complex software architectures. It utilizes a Neo4j knowledge graph and a custom markup language, DE-ML, to store and extract context such as component relationships from software project code and related data.

User Acceptance:
Project Codebase program management plan implements a hybrid methodology to manage the project work and deliver the final result, which combines a predictive approach for infrastructure requirements, security, and legal compliance constraints, and an adaptive approach for developing and implementing the AI features and the RAG system requirements. To obtain user acceptance, I will use the following acceptance strategies:

- To deliver the core AI features, I will use an incremental stakeholder validation approach, where the Project Codebase product owner and exploratory team will need to accept deliverables (MVP increments) at the end of each two-week sprint based on the "Definition of Done" (Ucertify, n.d.)
- For the integration and Deployment phase of the project, which uses the predictive approach to execute this phase, stakeholders (such as the CEO) are presented with the final deliverables based on the acceptance criteria established at the beginning of the project. These criteria were documented in the project management plan, within a requirements traceability matrix. Additionally, for traceability and sign-off purposes, based on the requirements traceability matrix data, I will provide evidence to the Omega.py CEO and other key stakeholders that all technical requirements have been met, such as the Neo4j knowledge graph, DE-ML syntax, and the VS Code plugin.
- Finally, I will use an internal beta release of Project Codebase to capture feedback from Omega.py software engineers, who are the primary end-users. This feedback would help to ensure that the system meets their workflow needs and identify any further improvements that may be needed.

Project Closure:

To close down Project Codebase, I will use an administrative closure process that includes the following steps:

1. I will start the closure by preparing a final project report summarizing performance against cost (BAC of $303,050), schedule (44 weeks), and quality objectives. I will focus on how the AI agent improves the business value of employee workflow efficiency.
2. I will implement a detailed transition plan that will manage the integration of the AI agent and RAG system into the maintenance/operations phase.
3. I will update the lessons learn report by performing audits of high-risk scenarios encountered, such as AI hallucinations or integration delays. Additionally, I will update the organizational process assets (OPA) for future Omega.py projects by archiving all project records and documentation.
4. Finally, I will reallocate resources by releasing team members from the project to other high-priority projects.

-Alex

Ucertify (n.d.). Lesson 15: Closing a Project. Project Manager Professional (PMP) Based on PMBOK7. Ucertify. ISBN: 978-1-64459-415-5