Module 3 - Project Plan

Brady Chin

Colorado State University Global

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Dr. Jonathan Vanover

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Creating a successful project management plan is important for the success of a project. In the Module 3 milestone, we are continuing to build on the Design and Implementation of a Project Management API using Python and Blockchain Technology. We are to integrate environment variables, scope processes, and organizational systems into a project plan.

Below is the initial Work Breakdown Structure for the project. The WBS will act as a road map for the project by breaking the project down into smaller, manageable components.

Work Breakdown Structure

Project Initiation: The first phase is to define the project goals, objectives, and scope. For this project, we are to design and implement a project management API using Python and Blockchain Technology. We will have to define stakeholders such as software developers, blockchain engineers, and IT security teams.

Planning: The planning phase involves creating a project management plan. This is how the project will be executed, monitored, and controlled. This is the current phase we are at and creating this WBS helpful by breaking down the project into smaller, manageable steps.

Execution: During this phase, the plan should be defined and ready to execute. Teams will start working on their respective tasks and the design and development process will begin. Meetings will be regularly conducted to keep everyone updated and on the same page.

Monitoring: This phase will track the progress of the project and compare it to the project plan. Milestone and deadlines will be monitored. An important part of this phase would be risk management. All teams will report any potential risks that may arise and the team will develop mitigation strategies.

Closure: The closure phase will take place at the completion of all tasks and deliverables. The final project will be handed over to the customer and we will get final sign-offs. Post project meetings will be held to discuss lessons learned and allow the team to reflect on what could be improved for future projects.