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CS460 Senior Capstone Project 1

Homework #1

Review PMBOK KA-1. Just one paragraph describing your understanding, related image, and caption.

Project Integration Management includes the processes required to ensure that the various elements of the project are properly coordinated.

4.1 project plan development

Guide project execution. Document project planning assumptions. Document project planning decisions regarding alternatives chosen. Facilitate communication among stakeholders. Define key management reviews as to content, extent, and timing. Provide a baseline for progress measurement and project control.

4.2 project plan execution

Project plan execution is the primary process for carrying out the project plan. The majority of the project’s budget will be expended in performing this process. In this process, the project manager and the team must coordinate and direct the various technical and organizational interfaces that exist in the project. It is the project process that product of the project is actually created here.

4.3 overall change control

Overall change requires: Maintaining the integrity of the performance measurement baselines. Ensuring the changes to the product scope are reflected in the definition of the project scope.

PMBOK (Project Management Body of Knowledge) is the globally recognized standard for Project Management Field. It is created and maintained by PMI Organization.

PMBOK provides practices, tools and techniques that can be used in most projects. With PMBOK, PMI also intends to promote a common language to be used by Project Management Professionals. PMBOK recommends 42 processes. These processes can be categorized into 5 Project Life Cycle Groups. Those are Initiating, Planning, Executing, Controlling and Monitoring, Closing. Processes can also be categorized into 9 Knowledge areas.

* Integration Management
* Scope Management
* Time Management
* Cost Management
* Quality Management
* Human Resource Management
* Communication Management
* Risk Management
* Procurement Management

For each process, Common Input, Tools &Techniques, and Output are explained.