UML Assignment 3

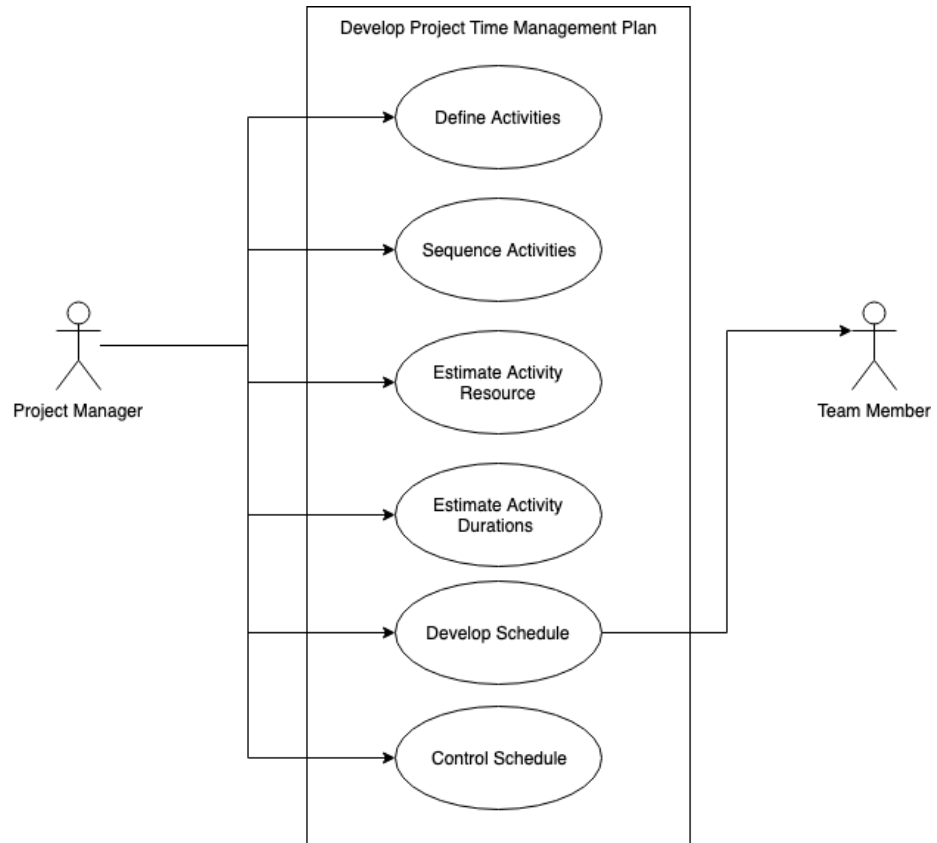Himanshu Patel (C0735691), Shubham (C0737342), Sujalkumar Patel (C0735603)....

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Contents

1 Use Case - Develop Project Time Management Plan

1.1 Actors - Project Manager, Team Members

1.2 Scenario

- Provide GUI for Project Manager to Define Activities by identifying and documenting the specific actions to be performed to produce the project deliverables.

- Provide GUI for Project Manager to Sequence Activities by identifying and documenting relationships among the project activities.

- Provide GUI for Project Manager to Estimate Activity Resources by estimating the type and quantities of material, human resources, equipment, or supplies required to perform each activity.

- Provide GUI for Project Manager to Estimate Activity Durations by estimating the number of work periods needed to complete individual activities with estimated resources.

- Provide GUI for Project Manager to Develop Schedule by analyzing activity sequences, durations, resource requirements, and schedule constraints to create the project schedule model.

- download the document as a pdf by selecting Export > Local Filesystem (or by clicking the desktop download button)

- Provide GUI for Project Manager to Control Schedule by monitoring the status of project activities to update project progress and manage changes to the schedule baseline to achieve the plan.
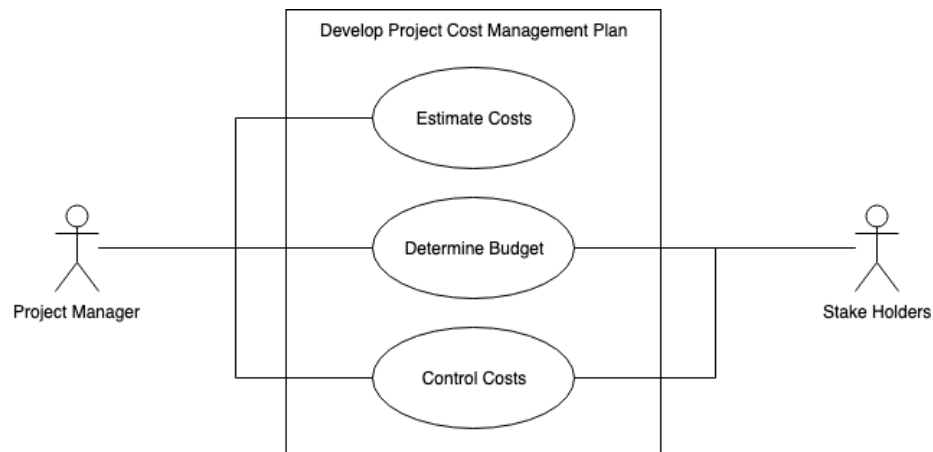
1.3 UML

Develop Project Time Management Plan

Define Activities

Sequence Activities

Estimate Activity Resource

Estimate Activity Durations

Develop Schedule

Control Schedule

Project Manager

Team Member

2 Use Case - Develop Project Cost Management Plan

2.1 Actors - Project Manager, Stake Holders

2.2 Scenario

- Provide GUI for Project Manager to Estimate Costs by developing an approximation of the monetary resources needed to complete project activities.

- Provide GUI for Project Manager to Determine Budget by aggregating the estimated costs of individual activities or work packages to establish an authorized cost baseline.

- Provide GUI for Project Manager to Control Costs by monitoring the status of the project to update the project costs and managing changes to the cost baseline.

2.3 UML

3 Use Case - Develop Project Quality Management Plan

3.1 Actors - Project Manager, Quality Analyst, Team Members

3.2 Scenario

- Provide GUI to Plan Quality Management by identifying quality requirements and standards for the project and its deliverables and documenting how the project will demonstrate compliance with quality requirements.

- Provide GUI to Perform Quality Assurance by auditing the quality requirements and the results from quality control measurements to ensure that appropriate quality standards and operational definitions are used.

- Provide GUI to Control Quality by monitoring and recording results of executing the quality activities to assess performance and recommend necessary changes.

3.3 UML