

Peer-graded Assignment: Project Scenario 1

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My first PM role

by Anonymous Learner
April 20, 2022

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PROMPT	RUBRIC
<p>What software development methodology would you suggest for this situation and why?</p> <ul style="list-style-type: none">Step 1: Start analyzing the scenario by identifying the characteristics of this situation and specify the logic behind the selection of characteristics. For example, you may identify "User Needs Unknown" as a characteristic based on statement X, Y, and Z in the scenario.Step 2: Select a model that best fits the characteristics you identified in step 1. Justify your choice by providing the logic behind your selection. For example, you may say that since the scenario has characteristics X and Y, model A and B are potential candidates. Additionally, since the scenario has characteristic Z, model A is the best option. <p>Base on the thing that we already have a product that user still using, making's time of new product a not so urgent because it take time to user getting to many and overload our old product.</p> <p>Second, we know exactly what we want (new scalable product which the same requirements which old product, which we know every try thing).</p> <p>Third, to follow iterative method we need a lot communicate between PM, Lead and team's member, which we don't have in a model, I want to propose using WATER FALL method to overcome this situation.</p>	<p>Did the learner identify "Known User Needs" or "Known Requirements" (or something similar) as one of the characteristics and specified the correct logic?</p> <ul style="list-style-type: none">0 pts Didn't identify this characteristic1 pt Identified the characteristic but the logic/reference statement used to support the characteristic was incorrect. The correct logic/reference statement to support this characteristic is "with the exact same functionality. Thus, the requirements from client perspective are very well known and do not need to change"2 pts Identified the characteristic and specified the correct logic <p>Did the learner identify "Known Solution" (or something similar) as one of the characteristics?</p> <ul style="list-style-type: none">0 pts Didn't identify this characteristic1 pt Identified the characteristic but the logic / reference statement to support this characteristic was incorrect. The correct logic / reference statement to support this characteristic is "What needs to be changed in the system to support the growing demand is also well understood"2 pts Identified the characteristic and specified the correct logic <p>Did the learner identify "Benefits in deploying part of the product" (or something similar) as one of the characteristics?</p> <ul style="list-style-type: none">0 pts Didn't identify this characteristic1 pt Identified the characteristic but the logic/reference statement to support this characteristic was incorrect. The correct logic/reference statement to support this characteristic is "Out of the 4, one of them has caused the most pain and organization could benefit greatly if that component could be replaced first with a new, highly scalable architecture."2 pts Identified the characteristic and specified the correct logic <p>Did the learner select the right model for the scenario and provide the correct logic?</p> <ul style="list-style-type: none">0 pts Learner selected a model that is ill-suited to this situation like the Spiral Model, the V-Model, Scrum, or the Waterfall method1 pt Learner selected a model that will work but is not the preferred model (e.g. "Unified Process")2 pts Learner selected the right model: the Incremental Model3 pts Learner selected the right model and the right variation of it: the most basic incremental model - all phases are completed in each increment. This allows us to replace the most pain-inducing component, as fast as we can.4 pts Learner selects the right model and specifies the right logic behind the selection: "Out of the 4, one of them has caused the most pain and the organization could benefit greatly if that component could be replaced first with a new, highly scalable architecture." <p>What is the overall quality and detail of the response and the facts supporting the response.</p> <ul style="list-style-type: none">0 pts Little detail1 pt Enough detail2 pts Enough detail with additional, out-of-the-box/creative thinking <p>Any other open feedback for this question?</p> <div></div>


PROMPT	RUBRIC
<p>Imagine that you were the lead or project manager for this project. For the selected model, take us through a simulated/stochastic journey on how this project will be completed all the way from defining requirements to deployment. You are free to make up characters as you feel appropriate to fit your story. Please watch the video on "Applying Software Development Model" to get an idea. The video stops at a high level, but you can go into further detail as you feel necessary. In your story, please make sure to talk about artifacts and practices followed by the team on this project.</p> <p>Base on the team's size, I will have different approach.</p> <p>For small team 0-20 members, every day will have a teams meeting at the early in the morning, so every one talk about what they have do yesterday and they will do today, so I can catchup with the process of the project, evaluate every member and have appropriate way to assign job.</p> <p>For bigger team, I will separate it into multiple small teams, each with a leader and I will catchup with those leaders.</p>	<p>Does the story supports the model selected by the learner?</p> <ul style="list-style-type: none">0 pts The story does not supports the model selected by the learner1 pt The story supports the model selected but story was shallow with not much detail2 pts The story was very detailed and complete (covers all artifacts and ceremonies of the model selected)4 pts The story was very creative and covers things that weren't taught in the course but applicable to this scenario.

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<p>Assume that you are the quality lead or technical lead on this project. What kind of testing would you suggest the team to do? Be sure to justify your answer. To answer this question, first, list down the key things from the use case above that are really important. For e.g. scalability, performance, usability, integration between components, etc. After that, identify what type of testing would you want the team to do to make sure that upgraded product is high quality and deployed defect free. Please refer to the "Testing and Verification" section in module 2. Also, please watch the following videos to learn about various types of testing methods: https://www.coursera.org/learn/software-engineering/lecture/930F7/software-testing-requirements</p> <p>For this project, I want the testing phase be done extremely careful, because bad experience with the feature that users are being comfortable with will make the users go away and never return.</p> <p>The system test can be reuse with the old project because the requirement don't change, so the overview of the product not change at all.</p> <p>The test team will do all the sub system and system test, with the help from dev team</p> <p>The unit test will be carried out by dev team, and will take place about 60-80 percent of effort.</p>	<p>Are the types of testing suggested by the submission appropriate for the example?</p> <ul style="list-style-type: none">0 pts There are no suggested types of testing.5 pts Some types of testing are listed, but no attempt is made to justify them, right or wrong.6 pts Some types of testing are listed, some are right but most are wrong. The justification does not do a good job of explaining why these types of testing are needed.7 pts Types of testing listed make sense for the project (with at most one exception), but the justification does not do a good job of explaining why they are necessary.8 pts Types of testing listed make sense for the project (with at most one exception), but the justification only does a mediocre job of explaining why they are necessary.9 pts Types of testing listed make sense for the project (with at most one exception), and the justification provided makes sense (with at most one exception).10 pts The types of testing listed are perfectly applicable to the project, and these types of testing are fully justified.

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<p>Continuing your role as a quality lead or technical lead for the project. Write a few examples of test cases or a descriptive narrative for what you expect the testing team to use when testing this product. Please refer to the "Testing and Verification" section in module 2. Feel free to make assumptions about the functionality of the system to come up with a scenario.</p> <p>Like I said before, system test can be reuse with the old project since the requirement don't change. But we also need to cover the bug that we got through release time by the user, and make a small effort to update new test case for system test.</p>	<p>Do the test cases or narrative provided make sense relative to the project at hand?</p> <ul style="list-style-type: none">0 pts There are no test cases or narrative5 pts Test cases or a narrative exist, but is either not at all clear or completely misses the point of the assignment.6 pts Some test cases or a brief narrative appears, but only applies to the project in a tangential way (is mostly off topic, hardly related, etc.)7 pts Test cases provided are not fully described (e.g. they are missing expected output); the narrative merely lists ways of testing which are generic or the definition of the type does not apply them to this specific project.8 pts Test cases exist but are not considered comprehensive; Narrative only applies to the project partially, or is incorrect in some major way9 pts Test cases exist and are nearly comprehensively descriptive; Narrative applies but has mistakes which affect applicability/understandability10 pts Test cases included are excellent; Narrative clearly explains the how the testing should be approached.

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