Peer-graded Assignment: Project Scenario 2

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The Pro app for Georgia school of Arts

by Anonymous Learner
April 13, 2022

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PROMPT

What software development methodology would you suggest for this situation and why?

- Step 1: Start with analyzing the scenario and **identifying characteristics** of this situation and **specify logic** behind the selection of characteristics. Example: You may identify "User Needs Unknown" as a characteristic based on statement x, y and z in the scenario.

- Step 2: Map the characteristics to **selection of model** and **provide your logic** to make that conclusion. For e.g, you may say that since scenario has x and y characteristic, model A and B would be potential candidate. Additionally, since scenario has characteristic z, model A would be best option.

In the above scenario the model which be followed in the Agile methodology.

This is because we do not know as to how much time will the process take and the requirements are not completely available at the beginning.

RUBRIC

Did the learner identify "**Vague Requirements**" (or something similar) as one of the characteristics and specified the correct logic?

○ 0 pts
Didn't identify this characteristic

○ 1 pt
Identified the characteristics but logic / reference statement to support this characteristic were incorrect. The correct logic / reference statement to support this characteristics is "**Also, college leadership has some idea on what to build but not sure what exactly are college needs in terms of automation**"

● 2 pts
Identified the characteristic and specified the correct logic

Did the learner identify "**New Technology**" (or something similar) as one of the characteristics and specified the correct logic?

○ 0 pts
Didn't identify this characteristic

○ 1 pt
Identified the characteristics but logic / reference statement to support this characteristic were incorrect. The correct logic / reference statement to support this characteristics is "**The IT department has lot to learn in terms technology to build this system.**"

● 2 pts
Identified the characteristic and specified the correct logic

Did the learner identify "**Need to deliver value early**" (or something similar) as one of the characteristics and specified the correct logic?

○ 0 pts
Didn't identify this characteristic

○ 1 pt
Identified the characteristics but logic / reference statement to support this characteristic were incorrect. The correct logic / reference statement to support this characteristics is "**College wants to reap the benefit of automation as it is being built and use feedback from system users to guide future automation efforts**"

● 2 pts
Identified the characteristic and specified the correct logic

Did the learner identify "**Clients or Business available to work closely with development team**" (or something similar) as one of the characteristics and specified the correct logic?

○ 0 pts
Didn't identify this characteristic

○ 1 pt
Identified the characteristics but logic / reference statement to support this characteristic were incorrect. The correct logic / reference statement to support this characteristics is "**College has formed a group from various departments of college that will help define and drive the development. This group will work closely with IT department on this effort.**"

● 2 pts
Identified the characteristic and specified the correct logic

Did the learner select the right model for the scenario and provided the correct logic

○ 0 pts
Learner selected a model that may be very unnecessary for this situation like V-Model, Sashimi or Waterfall method

○ 1 pt
Learner selected the model that will work but is not the preferred model e.g. "Unified Process"

○ 2 pts
Learner selects the right model -- Agile Model

○ 3 pts
Learner selects the right model and right variation of it which could be scrum in this case.

● 4 pts
Learner selects the right model and specify the right logic behind the selection: Need to iterate due to 1) Unknown needs 2) Unknown Technology 3) Need to deliver value earlier. Since business is available to collaborate closely with development team, it validates one of the assumption before using agile methods

What is the overall quality and detail of the response and supporting facts for the response.

○ 1 pt
Little details

○ 2 pts
Enough Details

● 3 pts
Enough detail with additional and out of the box / creative response

Any other open feedback for this question?

ok

PROMPT

For the selected model, take us through a simulated / fictitious journey on how this project will be done all the way from 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 models to get an idea. The video stays at high level. You can go in further details as you feel necessary. In your story, please make sure to talk about artifact and practices followed by the team on this project.

The College IT team should follow this process to create this project.

A. The initiation phase
The initiation phase is the first phase of the entire project management life cycle. The goal of this phase is to define the project, develop a business case for it, and get it approved. During this time, the project manager may do any of the following:

1. Perform a feasibility study
2. Create a project charter
3. Identify key stakeholders
4. Select project management tools

B. The planning phase
The planning phase is critical to creating a project roadmap the entire team can follow. This is where all of the details and goals are outlines in order to meet the requirements laid out by the organization.

Create a project plan
Develop a resource plan
Define goals and performance measures

C. The execution phase
This stage is where the bulk of the project happens. Deliverables are built to make sure the project is meeting requirements. This is where most of the time, money, and people are pulled into the project.

D. The controlling and monitoring phase
This phase happens in tandem with the execution phase. As the project moves forward, the project manager must make sure all moving parts are seamlessly headed in the right direction. If adjustments to the project plan need to be made due to unforeseen circumstances or a change in direction, they may happen here.

E. Project closure
The closing phase is a critical step in the project management life cycle. It signals the official end of the project and provides a period for reflection, wrap-up, and organization of materials.

RUBRIC

Does the story supports the model selected by the learner?

○ 0 pts
The story does not supports the model selected by the learner

○ 1 pt
The story supports the model selected

○ 2 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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Comments

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