

Peer-graded Assignment: Project Scenario 2

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Software Development Methodology

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by Anonymous Learner
September 2, 2019

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<p>PROMPT</p> <p>What software development methodology would you suggest for this situation and why?</p> <ul style="list-style-type: none">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. <p>The user needs are not clear as it has been said "Also, college leadership has some idea on what to build but not sure what exactly are college needs in terms of automation" we need to deliver value earlier as it has been said "Need to deliver value early" and the technology is unknown as it has been said "The IT department has lot to learn in terms technology to build this system" so we'll need an iterative model. We also know that the business is available to collaborate with the development team. For a project of these characteristics we should use an agile approach. We will use Scrum.</p>	<p>RUBRIC</p> <p>Did the learner identify "Vague Requirements" (or something similar) as one of the characteristics and specified the correct logic?</p> <p><input type="radio"/> 0 pts Didn't identify this characteristic</p> <p><input type="radio"/> 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"</p> <p><input type="radio"/> 2 pts Identified the characteristic and specified the correct logic</p> <p>Did the learner identify "New Technology" (or something similar) as one of the characteristics and specified the correct logic?</p> <p><input type="radio"/> 0 pts Didn't identify this characteristic</p> <p><input type="radio"/> 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"</p> <p><input type="radio"/> 2 pts Identified the characteristic and specified the correct logic</p> <p>Did the learner identify "Need to deliver value early" (or something similar) as one of the characteristics and specified the correct logic?</p> <p><input type="radio"/> 0 pts Didn't identify this characteristic</p> <p><input type="radio"/> 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"</p> <p><input type="radio"/> 2 pts Identified the characteristic and specified the correct logic</p> <p>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?</p> <p><input type="radio"/> 0 pts Didn't identify this characteristic</p> <p><input type="radio"/> 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."</p> <p><input type="radio"/> 2 pts Identified the characteristic and specified the correct logic</p> <p>Did the learner select the right model for the scenario and provided the correct logic.</p> <p><input type="radio"/> 0 pts Learner selected a model that may be very unnecessary for this situation like V-Model, Sahimi or Waterfall method</p> <p><input type="radio"/> 1 pt Learner selected the model that will work but is not the preferred model e.g. "Unified Process"</p> <p><input type="radio"/> 2 pts Learner selects the right model – Agile Model</p> <p><input type="radio"/> 3 pts Learner selects the right model and right variation of it which could be scrum in this case.</p> <p><input type="radio"/> 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</p> <p>What is the overall quality and detail of the response and supporting facts for the response.</p> <p><input type="radio"/> 1 pt Little details</p> <p><input type="radio"/> 2 pts Enough Details</p> <p><input type="radio"/> 3 pts Enough detail with additional and out of the box / creative response</p> <p>Any other open feedback for this question?</p> <div></div>
<p>PROMPT</p> <p>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.</p> <p>We will first gather the requirements. We know that they may change but we will start working with the requirements the colleague has defined at this moment. Based on the user needs we will create the user stories and put them in order of priority (the most important on the top) on the product backlog. The duration of the sprints will be 4 weeks. We'll hold the first sprint planning meeting and choose the user stories we're going to work on based on the duration chosen and the skills of the team. Every day we'll hold a meeting in which every member of the team will tell what was done the day before, what will be done the current day and inform about any obstacle. At the end of each sprint we will hold a sprint review meeting to demonstrate the work completed and get feedback from the client. This is one of the requirements described on the situation: "College wants to reap the benefit of automation as it is being built and use feedback from system users to guide future automation efforts". On the sprint retrospective meetings we will analyze the performance of the team, and identify what we could do best to implement improvements on the next sprint. This cycle (sprint) will be repeated until we finish the Project.</p>	<p>RUBRIC</p> <p>Does the story supports the model selected by the learner?</p> <p><input type="radio"/> 0 pts The story does not supports the model selected by the learner</p> <p><input type="radio"/> 1 pt The story supports the model selected</p> <p><input type="radio"/> 2 pts The story was very detailed and complete (covers all artifacts and ceremonies of the model selected)</p> <p><input type="radio"/> 4 pts The story was very creative and covers things that weren't taught in the course but applicable to this scenario.</p>

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