✓ Peer-graded Assignment: Project Scenario 2

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names are still visible to course instructors.

Georgia Revamped

by Anonymous Learner
March 19, 2020   ♡ Like ⚐ Flag this submission

PROMPT	RUBRIC

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.
 	
Considering the given facts:1. Time constraint of 5 years2. Focus group will help define University's requirements3. Feedback system for bettering future projects4. Functionality relating to students shall be built first (Attendance and grading systems, online lectures, etc)5. Privacy and Security are quintessential key features6. Existing team of 5 developers, 3 QA and a Team Lead
The best possible model according to me, is the Kanban Agile framework. Using this system, the team can map out the segments of the project that they can build a) themselves, b) with the help of consultants and c) themselves but require learning the concepts involved. Since there is a time constraint of 5 years that cannot be decreased due to budgetary reasons, Kanban system can help in maximmising the time being utilised.
	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 agutomation 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	RUBRIC

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.
 	
1. Reviewing new requirements by focus group alongside IT team.
2. Working on the design according to the requirements stated before.
3. Defining the design within the software architecture.
4. Defining the segments and tasks.
5. Applying Kanban system for efficient and effective development.
6. Handling risks and mitigating them.
7. Testing the new system.
8. Reiteration and maintenance
	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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