

Assignment 10 - Deciding About Agile at Mighty Jaxx

Ao Sun

Response 1

From my perspective, I think producing 2D renderings of new product ideas will benefit the most from implementing scrum/sprint methodologies. Scrum methodology is an iterative and incremental approach that emphasizes teamwork, communication, and continuous improvement, aiming for managing and completing complex projects. Compared to other four functions, producing 2D renderings of new product ideas has several features which help it benefits from implementing scrum methodology most:

- Producing 2D renderings of new product ideas is the only function without previous template, which increases the complexity of this function. Scrum methodology is suitable for complex projects which requires communication and collaboration from different stakeholders. Although all five functions are complicated, producing 2D rendering of new product ideas represent a new project, the process of producing can be completely different depending on the new ideas, thus teamwork, continuous improvement and communication are more necessary.
- By contrast, though other four functions are also complicated, these functions are not completely new projects and there are templates which can help accelerate the process without scrum methodology.

The reason that kanban is not the best fit for this particular function is that this function is similar to research project, frequently exploratory and open-ended and calls for some creativity and flexibility. While, Kanban depends on a clearly defined workflow and a small number of open tasks, is inappropriate for research projects.

Response 2

In my opinion, using 3D renderings and drawings as input to producing molds for manufacturing will benefit the most from implementing the scrum/sprint methodology. Kanban is a visual method that offers provides a visual and easy-to-understand system to represent the work that is currently being done, the work that is currently being completed, and the work that has yet to begin. Compared to other four functions, using 3D renderings and drawings as input to producing molds for manufacturing had several features which help it benefits from implementing Kanban methodology most:

- The process of this function can be separated into several stages, for instance, design, review, prototype test, mold production and stuff like that. By visualizing these stages, the project will be more transparent and easily tracked.
- Other four functions cannot benefit the most from Kanban method because of several reasons. Kanban is suitable for the project which has a clearly defined workflow and a small number of open tasks, thus producing 2D renderings of new product ideas is not ideal

since its workflow is not clear. Other three functions cannot benefit the most since it is meaningless to separate their projects into small tasks.

The reason scrum is not the best fit for this particular function is that the production does not fit into a time-boxed iteration, as the process is affected by factors such as the complexity of the mold, the time required for prototype design, and the availability of resources.

Response 3

Dear Jackson,

From my perspective, negativity bias could be a problematic trap for your thinking. Negative bias is the tendency to give more weight to negative experiences than positive ones. Focusing on negative information may improve resilience to risk, but focusing on excessive unneeded negative information may produce the opposite effect, such as increased risk aversion and reduced resilience. The negative outcome may not only affect the schedule and quality of our products, but also hurt our confidence if we keep considering the negative information.

One possible solution is to re-consider the possibility of adverse events happening and the significance of each negative event. It is impossible to eliminate risks, and only the most harmful and the most frequent risks should be considered. Considering all the negative information could lead to negative bias. Thus, my suggestion is to consider the most harmful and the most frequent negative information.

Best regards,

Ao