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Writing Prompt 1

Scrum/ sprint methodologies is a project management methodology that can help improve productivity, efficiency, and quality. Especially useful for short term planning, each sprint lasts two to four weeks.The team will work together to achieve a set of goals, and roles. Normal schedule for scrum will be the following process; it will start with product backlog creation, followed by sprint planning, daily scrum, sprint retrospective, incremental delivery, and finally continuous refinement.

Based on the case Mighty Jaxx, the production could benefit from the scrum/ sprint methodologies the most. This methodologies can help teams to prioritize and focus on delivering the most important value items first. Improving other tasks at the same time. Mighty Jaxx could be improved and be implemented for the product line at the following steps:

1. Product Backlog Creation: create a product backlog that outlines all the tasks that need to be completed for each production cycle.
2. Sprint Planning: set a sprint meeting, prioritize each itinerary, and select the highest priority item from the backlog. During this meeting, the team would break down each task into smaller tasks and estimate the timeline.
3. Daily Scrum: discuss progress, share updates, and identify any blockers that will prevent them from moving forward.
4. Sprint Review: review work at the end of the sprint, and demonstrate the completed work to stakeholders, and collect feedback.
5. Sprint Retrospective: to reflect the previous sprint, identify areas for improvement, and make adjustments for the next sprint.

Kanban may not be the best fit for it because it focused on visualizing. On the other hand, Kanban can be useful for managing the flow of work through a manufacturing process. Additionally, Kanban is typically used for continuous improvement rather than project-based work, which may not be suitable for Mighty Jaxx's production team.

Writing Prompt 2

Kanban is a visual project management methodologies, it helps display the workflow, tasks, and current status of the project. Which makes it easy to track the progress of work and identify bottlenecks. Kanban method involves following, work in progress(WIP), continuous improvement, flexibility, and pull-based system. It emphasizes continuous improvement and customer value. It suits projects and workflows that require a high degree of flexibility and adaptability.

For Mighty Jaxx, manufacturing could benefit the most from Kanban. Use 3D renderings and drawings as input to producing molds for manufacturing. This is because the manufacturing planning process has many moving parts, and involves constant tracking and managing. Kanban can help Mighty Jaxx to manage the manufacturing process more efficiently by allowing the team to track the status of each toy production and keep it on schedule. Mighty Jaxx could create a Kanban board with the following criterias for the process;

1. Pending: This column could include all the products that are waiting to be produced, along with relevant details such as product specifications, quantity, and deadlines.
2. Analysis (doing/done): This column could include all the products that are ready to be produced, and it can be moved from the backlog once all the necessary details are confirmed.
3. Development: This column could include all the products that are currently being produced, along with the expected delivery date.
4. Test: This column could include all the products that have been produced, and they are waiting to be checked for quality.
5. Deploy: This column could include all the products that have been checked for quality and have been shipped to customers.

Scrum/sprint will not be the most suitable for this process because the manufacturing process requires a WIP. In contrast, scrum/sprint focuses on short-term iterations and is more suitable for functions that require more planning and coordination.

Writing Prompt 3

Dear Jackson,

As you consider implementing agile methodologies for Mighty Jaxx, I wanted to draw your attention to a potential cognitive bias. Confirmation bias, remember information in a way that confirms one's preexisting beliefs.

In the context of your decision to move to agile, the confirmation bias could lead you to focus on information that supports preexisting beliefs about the benefits of agile, while ignoring potential risks. This could result in a biased decision, and does not fully consider all information.

To avoid confirmation bias, I suggest actively seeking out information that challenges assumptions. Consider potential biases that might occur, and think carefully in your decision-making process. This could include soliciting feedback from employees, consulting with experts who have a different perspective, or conducting a formal analysis of the strengths and the weaknesses of the move to agile.

Best regards,

Tingyu