

ENGN 2125: Assignment 10: Deciding About Agile at Mighty Jaxx

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Section: S02

Writing Prompt 1:

Production function of Mighty Jaxx could benefit the most from implementing scrum/sprint methodologies. Scrum/sprint is a framework that emphasizes iterative, incremental, and collaborative work to deliver value in a predictable manner. In the production function, the implementation of scrum/sprint could help improve efficiency and reduce production times.

- The production team can hold daily stand-up meetings to discuss progress, identify and address any issues, and plan the day ahead.
- The team can work in two-week sprints to produce a set number of products, with a sprint review at the end of each sprint.
- The team would have a backlog of work items that can be prioritized based on customer demand and internal goals.
- The team would use burn-down charts to track progress and adjust their work accordingly.

Kanban, on the other hand, might not be the best fit for the production function because it focuses more on visualizing and managing workflow, rather than on collaborative and iterative work.

Writing Prompt 2:

Distribution function of Mighty Jaxx could benefit the most from implementing kanban methodologies. Kanban is a framework that focuses on visualizing and managing workflow to improve efficiency and reduce waste. In the distribution function, the implementation of kanban could help improve the delivery of products to customers and reduce lead times.

- The distribution team can use a kanban board to visualize the workflow, with columns such as "To-Do," "In Progress," "Testing," and "Done."
- Each product order can be represented by a card on the board, with information such as the customer name, order details, and delivery date.
- The team can limit the work-in-progress (WIP) to reduce bottlenecks and improve flow.
- They can regularly review the board and adjust their work accordingly.

Scrum/sprint might not be the best fit for the distribution function because it focuses more on collaborative and iterative work, rather than on visualizing and managing workflow.

Writing Prompt 3:

Dear Jackson,

As you consider a move to agile methodologies in your organization, I want to caution you about the potential impact of the confirmation bias. Confirmation bias is the tendency to search for, interpret, and favor information that confirms one's preexisting beliefs or values. This can lead to a narrow and inaccurate assessment of the situation at hand.

In the context of your decision making, confirmation bias could lead you to focus solely on information that supports your preexisting beliefs about what should be done, while ignoring or dismissing information that challenges those beliefs. This could result in a failure to consider all relevant information, leading to a potentially flawed decision.

To avoid falling into the trap of confirmation bias, I suggest that you actively seek out information and opinions that challenge your own. Encourage team members to provide dissenting opinions, as well as create a pre-mortem document and constantly work towards the potential issues mentioned in the pre-mortem. You should also hire an external consultant to provide an unbiased opinion. Additionally, take time to reflect on your own assumptions and biases, and actively seek to challenge them. By doing so, you can make more informed and objective decisions for the benefit of Mighty Jaxx.

Best regards,

Namasvi Shah