

ENGN2125
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Writing Prompt 1:

The production development function including producing 2D rendering of new product ideas and 3D renderings and drawings as input to producing molds for manufacturing could benefit the most from implementing scrum/sprint methodologies. Scrum/sprint is an agile methodology that focuses on short, iterative cycles to complete tasks. The production development process would be ideal for this type of methodology because it allows for tasks to be broken down into smaller tasks and for team members to work together to complete tasks quickly. As the article mentioned, the company's product development team needs to be innovative and release new unique toys in order to stay one step ahead of the competition. The team would have a more efficient and better quality control production process, ensuring everyone is on the same page and quality standards being met during the process by prioritizing tasks. By implementing scrum/sprint methodologies, Mighty Jaxx are able to compete with their competitors, and deliver new products faster and better quality that meet customer's needs. Kanban may not be the best fit for production development since it requires innovation in product design and Kanban is more practical in a repetitive processes, such as manufacturing work.

Writing Prompt 2:

Production is the business function that could benefit the most from implementing kanban methodologies. Kanban would allow the production team to visualize their workflow and identify difficulties or inefficiencies in their processes. The team could use a kanban board with columns to track their progress and ensure that tasks are completed on time by reducing waste

and improving productivity. Kanban would also allow the team to prioritize tasks based on their importance resulting in better overall workflow management. It could help Mighty Jaxx to manage inventory levels, and limit the number of tasks in process to avoid production delays. Scrum/sprint may not be the best fit for production function compared to kanban since it is more efficient for production operation as scrum/sprint are more suitable for iterative projects.

Writing Prompt 3:

The cognitive bias that Jackson Aw should be cautious of when making decisions about a move to agile in his organization is confirmation bias. This bias means that the individual would prefer to look for and absorb information that supports one's preexisting opinions or theories. In this particular decision, confirmation bias could lead to Jackson only looking for evidence supporting his move to agile and disregarding any evidence suggesting it is not the best decision. To avoid bias, Jackson should consider all available information and evidence and weigh the pros and cons of each option objectively before making any decision. In addition, he should also seek out opinions from experts who might have different perspectives in the field to ensure he is making an informed decision. By understanding and recognizing the potential pitfalls of cognitive biases, Jackson Aw can ensure he makes an informed decision based on facts and objective data.