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Deciding About Agile at Mighty Jaxx

Writing Prompt 1

Use 3D renderings and drawings as input to produce molds for manufacturing benefit the most from implementing scrum/sprint methodologies.

Scrum methodology breaks a project into small units with specific goals similar to the APP development process, allowing developers to focus on one unit at a time. For 3D renderings and drawings, to produce a realistic product model that reflects the brand's concept, the 3D rendering needs to include every detail and iterate to meet clients' needs. Furthermore, client feedback is the most critical aspect of any design process because any minimal mistake directly causes the next production process. For example, if they are not satisfied with the sketch structure or the clients and the company are not on the same page, the final mold will end disastrously and have a negative effect on the company's reputation. Sprint methodologies perfectly solve this problem. Benefiting from the visibility rule in the methodology, stakeholders and clients related to the project are constantly collaborating and iterating, which makes the results more clearly displayed. As a project undergoes sprint-based development, drawings as input to produce molds will become more and more suitable for the ideal situation. On the other hand, the risk is also reduced because the expectation and preferences of clients won't cause much effort. Without adding new features, the overall cost is controllable.

Kanban is not the best fit for this particular function because it provides too much freedom to start a new task as long as members follow the WIP limit. During the 3D renderings and drawings process, it will cause chaos.

Writing Prompt 2

The production process could benefit the most from implementing Kanban methodologies.

Kanban methodology allows producers to list their work content in a specific sequence and post them on the workflow board with post-it notes. Within a full work cycle of each Kanban, the repeating and implementation work will be carried out in sequence, while accepting the supervision of managers and co-workers. In the reading, to enhance market size and profit, the production of toys needs to be improved. Customers' ability to select the ideal product in accordance with their needs can increase the product's competitiveness, which can enhance the product's quality in another way. An unstable supply chain and excessive production time can lead to poor product quality. Kanban methodology eliminates overload problems in the supply chain and creates a steady flow of work. It is also possible to better connect company goals with personal ambitions. Many producers are constantly worn out from carrying out several production tasks at work. They no longer prioritize tasks, and their individual contributions are not recognized. The benefits of Kanban management include the ability to visualize abstract tasks, a clear reflection of work significance, and alignment between employee efforts and corporate goals.

Scrum/sprint is not the best fit for this particular function. Scrum does not recommend accepting any changes in the middle of a sprint. It means low flexibility and if there are any changes during the production process, the team must wait until to sprint ends before reprioritizing.

Writing Prompt 3

Mighty Jaxx CEO Jackson Aw may not be aware of deviations between the expected product and the actual product quality parameters. This bias belongs to systemic biases. The effectiveness of the supply chain can be significantly impacted by the product's quality. The majority of logistics connections are intricate, thus big businesses frequently work with various warehouse suppliers or outside logistics firms to coordinate the transfer of items to other locations and customer delivery. As a result, it is challenging for sellers to understand the logistics situation for any commodity. If there is a problem with the product's quality, the client will ask to return it, and the business will need to get in touch with them for reimbursement before using the spare stock right away. The supply chain's divergence caused will ultimately result in higher expenses. The company's reputation will likewise be severely damaged. Product sales for businesses depend on word-of-mouth. If the firm's products have quality issues, no one will buy them, and the enterprise will find itself in a predicament where money cannot be recovered. Other products will also be impacted at the same time. In the end, it's extremely possible that the company will fail.

Suggestion: After production, the procedure for identifying products and evaluating their quality needs to be strengthened. Producers must diligently produce in accordance with the specifications of product drawings that comply with technical standards because the project requires more personnel to identify unqualified product parameters than usual release procedures. The manager has the authority to halt or resume manufacturing when unqualified products are discovered. Managers in charge of product quality must also be knowledgeable of technology in order to direct producers toward producing excellent goods.