**School name ……Greenwich University…**



**ASSIGNMENT TITLE**

**Course Name:** Requirement Management – COMP1787

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**Section A: Management Summary**

The decision to recommend Agile methodology for the development of the Green Groceries Online Platform is rooted in the company’s need for flexibility, adaptability, and responsiveness to changing requirements. Agile methodology, with its iterative and incremental approach, aligns well with the project’s dynamic nature and the company’s commitment to sustainable and accessible products. However, it’s essential to evaluate both the advantages and drawbacks of Agile in this context.

## **Advantages of Agile methodology**

* **Flexibility and Adaptability:** Agile allows for continuous feedback and adjustment, enabling the project team to respond swiftly to changes in market demands or stakeholder preferences. In the case of Green Groceries, where the online platform aims to cater to evolving customer needs and preferences, Agile's flexibility is invaluable. The iterative nature of Agile also allows for the incorporation of new features or changes as the project progresses, ensuring that the final product meets the evolving needs of the company and its customers.
* **Stakeholder Collaboration:** Agile promotes close collaboration between the development team and stakeholders, fostering a sense of ownership and alignment with project goals. The involvement of key personnel from Green Groceries, such as the CEO, Operations Manager, and Marketing Manager, signifies a commitment to collaborative decision-making, a cornerstone of Agile methodology. By involving stakeholders throughout the development process, Agile ensures that the final product meets their expectations and addresses their concerns.
* **Iterative Development:** Agile emphasizes delivering working increments of the product at regular intervals, allowing for early validation and feedback. This approach mitigates the risk of extensive rework or divergence from the desired outcome. For Green Groceries, whose primary goal is to launch the online platform within a tight timeline, iterative development minimizes project delays and ensures timely delivery. By breaking down the project into smaller, manageable iterations, Agile allows for rapid progress and the identification of potential issues early in the development process.
* **Risk Management:** Agile methodology encourages the identification and mitigation of risks throughout the development process. By breaking down the project into smaller, manageable iterations, risks can be addressed proactively, reducing the likelihood of project derailment. Given the company's previous challenges with traditional waterfall projects, Agile's risk management approach provides a sense of assurance. The ability to adapt and respond to changing requirements also reduces the risk of project failure, ensuring that the final product meets the company's objectives and customer expectations.

1. **Drawbacks of Agile Methodology**

* Resource Intensive: Agile projects require active involvement and commitment from all stakeholders, including dedicated time for meetings, feedback sessions, and collaboration. The Financial Controller, despite being interested in the project, may face challenges balancing project commitments with existing responsibilities, potentially impacting project progress. Similarly, the Marketing Manager's involvement in the project may be limited by other responsibilities, affecting their ability to provide timely feedback and direction.
* Scope Creep: Agile's iterative nature may lead to scope creep if not managed effectively. Without clear boundaries, additional features or changes requested by stakeholders could prolong the project timeline and increase costs. The Marketing Manager's involvement, certified in Agile Project Management, will be instrumental in maintaining scope discipline and managing stakeholder expectations. By clearly defining project scope and objectives at the outset, the company can minimize the risk of scope creep and ensure that the project remains on track.
* Dependency on Stakeholder Availability: Agile projects rely heavily on stakeholder availability for timely decision-making and feedback. The Operations Manager, responsible for allocating resources to the project, may encounter challenges coordinating with the Logistics Manager, whose availability is limited. Clear communication channels and designated proxies for key stakeholders can mitigate this risk. By establishing regular communication channels and involving stakeholders in key decision-making processes, the company can ensure that project progress is not hindered by stakeholder availability issues.

In conclusion, Agile methodology offers numerous benefits for the development of the Green Groceries Online Platform, aligning well with the company's objectives and project requirements. However, it's crucial to address potential challenges proactively and establish effective communication and collaboration mechanisms to ensure project success. By leveraging the advantages of Agile while mitigating potential drawbacks, Green Groceries can ensure the successful development and launch of its online platform, thereby expanding its market reach and making sustainable products more accessible to customers.