BETAGRO PUBLIC COMPANY LIMITED

Stock Movement System

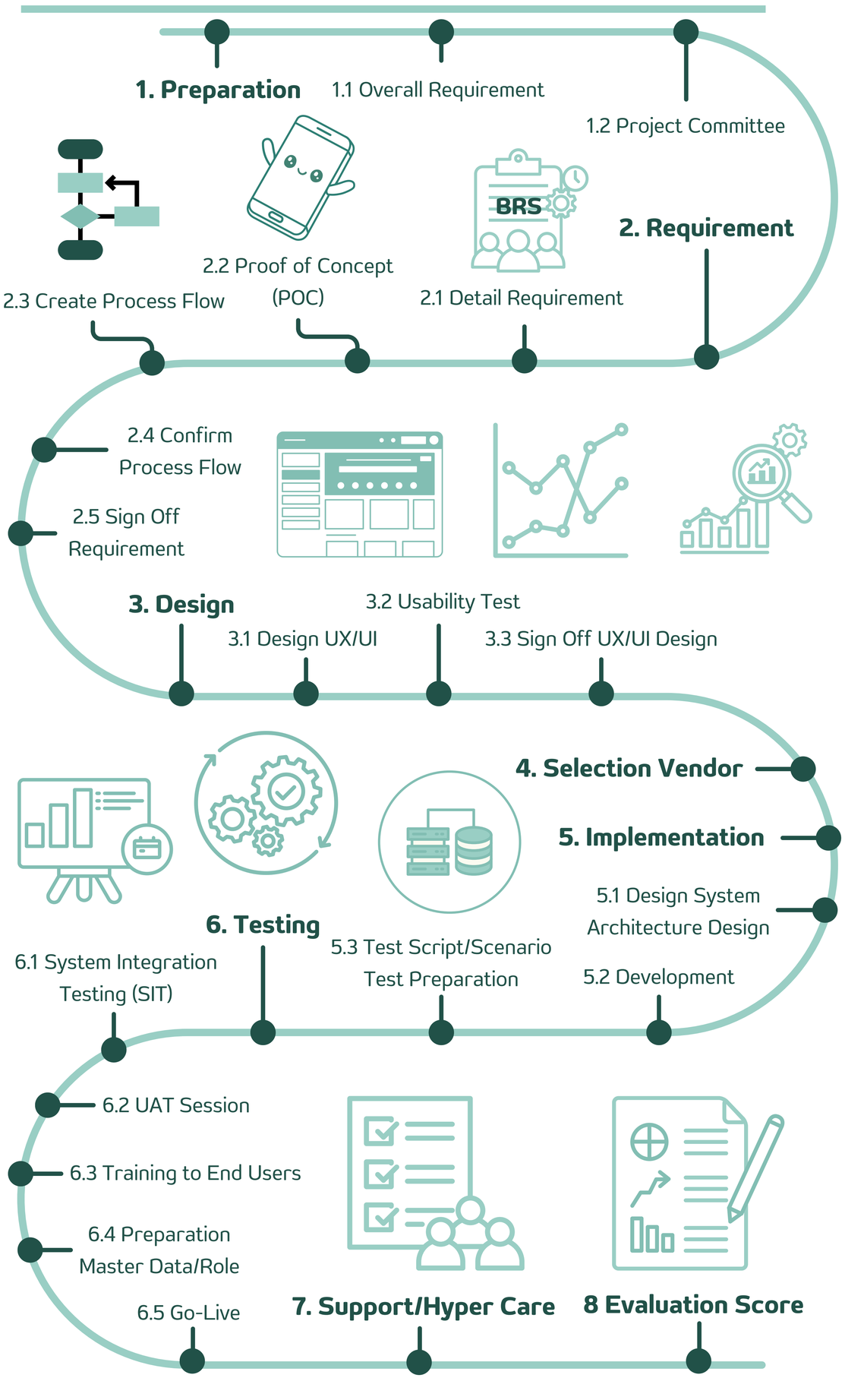
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Abstract

This report presents the analysis, design, and development of the Stock Movement System, a web-based application created to support store managers, staff, and approvers within Betagro's retail store. The system is designed to seamlessly integrate with the New POS system that is being implemented across the organization. The project involved business process analysis, requirement definition, and coordination between stakeholders and the development team to ensure the solution aligns with organizational needs. The primary objective of this system is to enhance the efficiency and accuracy of stock management activities while simplifying operational workflows. Key supported activities include Cycle Count, Transfer Site to Site, Actual Good Receive, Adjust Stock, Reservation & FOC, and Approve PO Outsource Vendor. The system emphasizes user convenience, data accuracy, and minimizing errors caused by traditional manual processes.

Internship Responsibilities



Introduction

Betagro Public Company Limited is a leading integrated food industry giant in Thailand. The company operates across the entire value chain–spanning upstream, midstream, and downstream sectors. With a robust production and distribution infrastructure across all regions of Thailand, Betagro also maintains a significant presence in major international export markets.

The core focus of this internship was to drive digital transformation by transitioning traditional paper-based workflows into digital systems. The scope of work encompassed:

- Process Analysis: Studying and analyzing existing legacy workflows to identify inefficiencies.
- System Design: Developing web-based solutions to streamline operations via Web Browsers.
- Data Integration: Ensuring seamless data synchronization and connectivity with the New POS (Point of Sale) system.

The internship role focused on business analysis, including process evaluation, requirement gathering, and ensuring system alignment with operational workflows.

Tools & Platforms

Figma **ClickUp** **MS Teams** **Microsoft 365**

Results

Based on the comprehensive functional testing across various scenarios, the results summarized demonstrate that the system fully aligns with user requirements and predefined criteria. Both primary activities were successfully validated, achieving full compliance in both functional performance and interface design. However, it should be noted that due to the evolving nature of current operational requirements during the development phase, certain test cases may be subject to future adjustments.

Conclusion

As a Business Analyst intern, executing each phase of the project lifecycle (shown in the internship responsibilities diagram) from requirement gathering to system design ensured that the final system fully aligns with user requirements and predefined criteria. Overall, the Stock Movement System successfully translates complex business process analysis into a functional digital solution. Through weekly synchronization and Sprint based development, the project maintained continuous alignment between technical output and Betagro's evolving operational requirements.

Reference

Jurčić, M. (2025, July 13). What is hybrid project management and how to implement it? Productive. Productive. (n.i.). Hybrid Project Management: What is it & how it works. https://productive.io/blog/hybrid-project-management/