Inventory Transfer Management System — Store Manager Module

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ABSTRACT

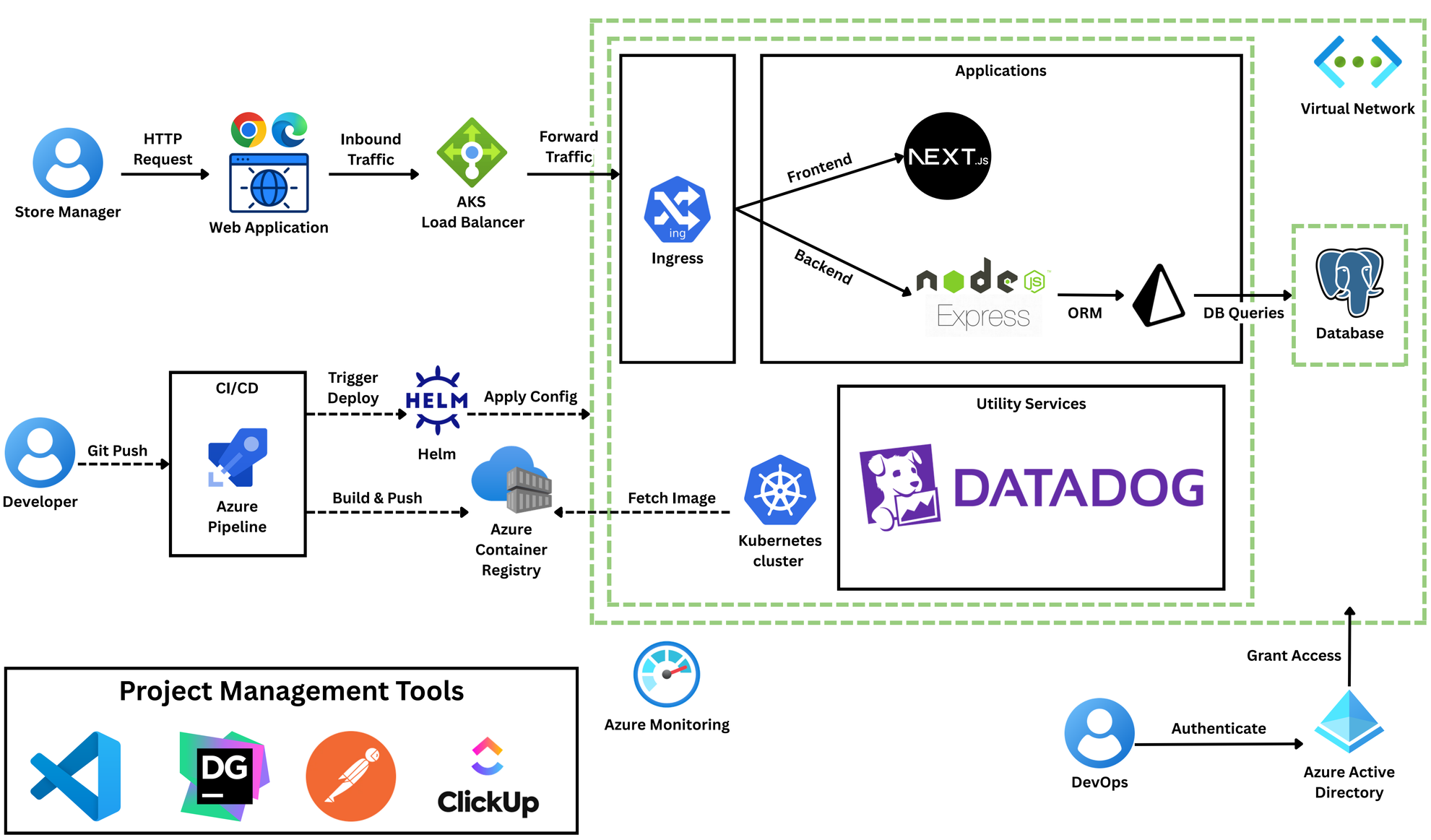
This cooperative education project presents the design and development of an Inventory Transfer Management System — Store Manager Module, aimed at enhancing inventory management efficiency within the organization. The system addresses key operational challenges including fragmented stock information, redundant data entry, and limited visibility into document statuses. By centralizing these processes into a single platform, the system enables store managers to monitor product movement and track document statuses with greater transparency and control.

The system comprises three core modules: Cycle Count, Site to Site, and Actual Good Receive, covering the full workflow from document creation and submission through approval and completion. Role-based access control and change history logging are incorporated to ensure accountability and support audit requirements. Both the frontend and backend were developed with emphasis on data accuracy, security, and scalability. The system is expected to reduce time spent on document preparation and tracking, improve data accuracy, and strengthen the organization's overall efficiency in inventory and resource management.

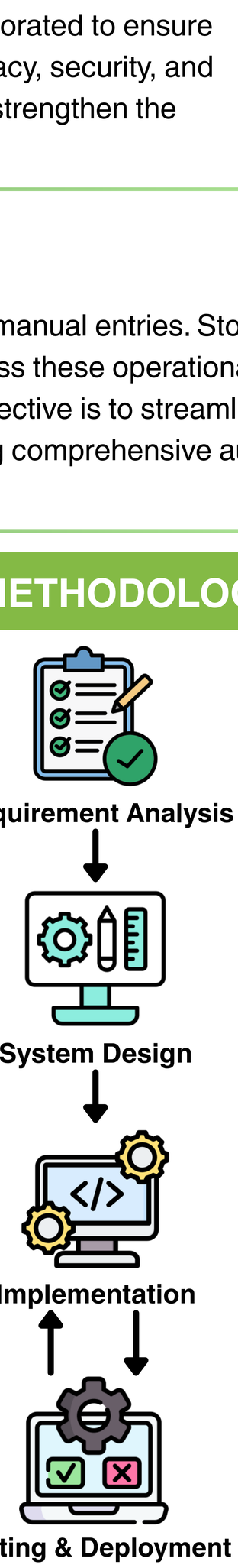
INTRODUCTION

Managing inventory across multiple branches traditionally involves scattered data, decentralized tracking, and redundant manual entries. Store managers often face challenges in gaining real-time visibility into stock movements and transfer document statuses. To address these operational bottlenecks, this project developed a centralized web-based platform tailored specifically for store managers. The primary objective is to streamline the creation, approval, and completion of inventory workflows while enforcing strict role-based access control and maintaining comprehensive audit logs for accountability.

SYSTEM ARCHITECTURE



METHODOLOGY



CONCLUSION

The Store Manager Module successfully modernizes and centralizes inventory transfer workflows. By providing real-time document tracking, automated document reconciliation, and a clear approval hierarchy, the system drastically reduces preparation time and minimizes manual entry errors. The platform empowers store managers with transparent, actionable insights, thereby elevating the overall efficiency and accuracy of the organization's resource management.

Poster **Full References**