**Redesign of KKH Nursing Database (NsgDB)** 





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## INTRODUCTION

KKH's Nursing Division manages about **1,900** Nurses, constituting approximately **44%** of the total hospital manpower strength. The operational management effort is massive, thus the **need for an efficient and effective manpower management system is imminent.** 

In view of this, the project aims to **improve operational productivity and cost savings** by redesigning an electronic database application to **eliminate documentation duplication**, **paper records usage, and improve work processes**.

## METHODOLOGY

Ami (Accelerated Model for Improvement) approach was adopted. It embraces the change concept of developing specific change ideas based on the PDSA (Plan-Do-Study-Act) cycles for learning and transforming learning into action. Designing data collection plans and data analysis to develop, test and implement changes is a requirement.





## CONCLUSIONS

This project has helped improved the operational efficiency and effectiveness by eliminating paper records usage, improving work processes, and man-hours. Staff satisfaction level has significantly improved. The Team will continue to improve the system and processes to support the constant need for changes and expansion.