

DRNE Dashboard

Digital RN Experience Interactive Dashboard

UX/UI Design Concept

Based on published research thesis:

DRNE: Bridging the gap between Nurses and Information Technology Specialists

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Purdue Global (Kaplan University), 2015 | Published 2020

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3570180

Project Overview

The DRNE (Digital RN Experience Interactive Dashboard) is a healthcare IT support system design concept that bridges the communication gap between nurses and IT specialists in hospital settings. This UX/UI project transforms nursing informatics research into a design proposal that could improve workflow efficiency, accountability, and patient safety.

Problem Statement

Challenge: In 2015, nurses expressed significant frustration with IT ticketing systems in hospital environments. Issues include:

- Lack of transparency in ticket status and resolution progress
- Poor communication between IT specialists and nursing staff
- Tickets marked as 'resolved' when problems persist
- No accountability or tracking mechanism for IT responses
- Technical problems directly impacting patient safety and care quality

Impact: As one nurse stated: 'No one realizes how quickly we need our computers fixed on this unit. If I can't log in and see the patient's information, then the patient is not treated and will be the one who suffers.'

Research & Discovery

User Research Methods

- Conducted qualitative interviews with nurses across four hospitals
- Analyzed user frustrations with EHR systems post-implementation
- Reviewed literature on nursing time-motion studies and workflow analysis
- Examined communication breakdown patterns between clinical and IT staff

Interested in Learning More?

This case study demonstrates the design thinking and research process. Detailed technical specifications, complete user research findings, and implementation roadmap are available for serious inquiries.

Contact me to discuss:

- Full technical implementation specifications
- Complete user research findings and insights
- Development roadmap and phased rollout plan
- Healthcare IT system integration requirements
- Customization for your organization's specific needs

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