

SYNOPSIS FOR DISSERTATION



The IIHMR University, Jaipur

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In

Hospital and Health Management

BY

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MBA HOSPITAL AND HEALTH MANAGEMENT

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Title:

Identification challenges of indoor navigation software implementation in hospital.

Introduction:

Indoor navigation is a utility service for hospital, it is use for directing patient to various department and point of service in hospital. Indoor navigation is provided by security staff, signage boards, kiosk (LED Display). Indoor navigation is required for crowd management, patient navigation in hospital.

Review of Literature

A review of existing literature on hospital patient navigation system, indent processes, and navigation inefficiencies will be conducted. Previous studies on hospital indoor navigation, workflow inefficiencies, and patient safety concerns related to crowd management will be examined to establish the research context.

Theoretical/Conceptual Framework:

The study will utilize indoor navigation software implementation and lean healthcare theories to understand the root causes of multiple indent generation. The conceptual framework will include factors such as communication gaps, technological inefficiencies, and procedural redundancies in hospital settings.

Research Gap:

Existing research focuses broadly on challenges experienced by visitor in navigating hospital but in these challenges of implementation indoor navigation software will be determine. There is also a lack of studies that compare the perspectives of both hospital staff and visitors.

Research Questions:

- What are the key challenges faced by stakeholders of hospital regarding indoor navigation in hospital?
- What are the barriers to implement indoor navigation software in hospital?

Research Objectives:

- To identify the factors causing troublesome to various stakeholder of hospital.
- To determine the challenges of indoor navigation implementation in hospital.

Methodology:

- **Study Design:** A mixed-method approach combining quantitative and qualitative analysis.
- **Data Collection:** Review of hospital indent data for the current month, structured interviews, and surveys with patients and visitors
- **Data Analysis:** Statistical analysis of indent frequency, root cause analysis, and thematic analysis of qualitative responses.
- **Study Setting:** A hospital environment where multiple indent generation is observed as a recurring challenge.

Plan of Analysis:

- Descriptive statistics to assess the extent of multiple indent generation.
- Thematic analysis of qualitative responses from patient and hospital staff.
- Identification of process inefficiencies through root cause analysis.
- Recommendations based on the findings for process optimization.

