

DISSERTATION

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Topic

Identification Of Challenges Of Indoor Navigation Software Implementation In Hospital



Introduction

- Role of indoor navigation software
- Methods of Indoor Navigation in history
- Benefits of Indoor navigation



Rationale

- Poor navigation system in large infrastructure
- Unavailability of accurate navigation solutions
- Indian hospital v/s foreign hospitals



Research Question

Why large Indian hospitals are not adopting digitalize indoor navigation system?



Objectives

- Determine current wayfinding methods and their limitations.
- Quantify staff perceptions of the navigation app's usability, usefulness, and reliability.
- Map barriers into CFIR domains for structured analysis.



Research Methodology

- Cross Sectional Descriptive Survey
- Semi Structured Interview – CFIR
- **Research Tools** – Survey Questionnaire, Data Collection, Data Analysis

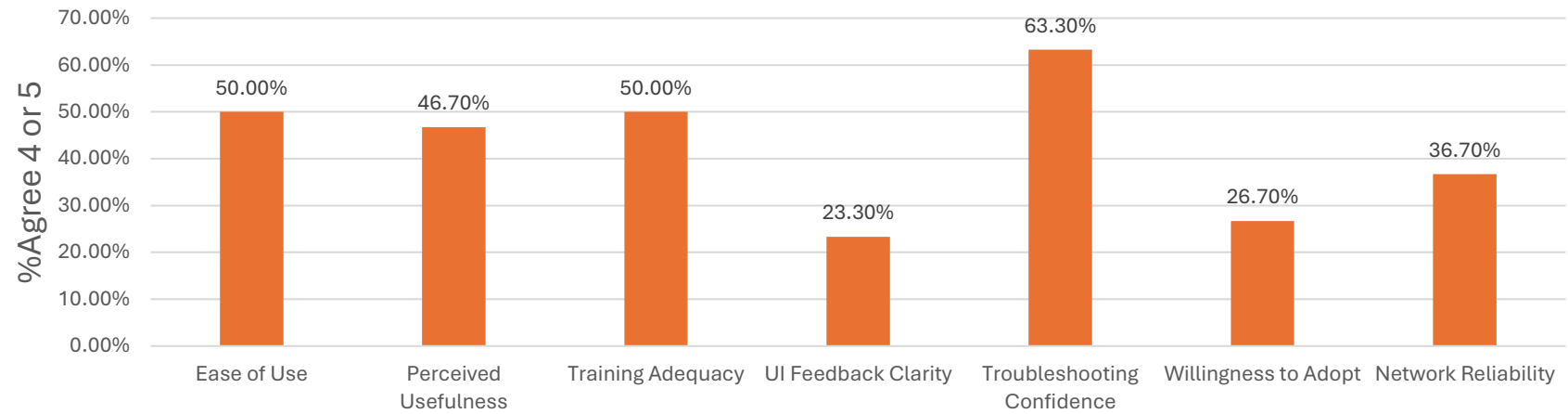


Key Findings

- More than half of population found indoor navigation useful
- Approximately 50% of population wants training to utilize indoor navigation
- More than 63% of population find boosted confidence with digitalize indoor navigation solution



Results



Recommendation

- Hospital administrators should assign “Navigation Champions” in frontline of staff
- Hospital administration needs to train their employees for adopting the new world technology
- Hospital administration should add indoor navigation satisfaction scale in patient feedback form



Thank You