Project Title

AI HOSPITAL ASSISTANT ROBOT

Problem Statement

Patients often struggle to navigate large hospitals, find departments, and communicate their needs when signage is unclear, staff are busy, and language differences make instructions hard to follow during visits and appointments. As a result, many patients miss locations, face delays, feel confused, and experience stress, creating inefficiencies, safety risks, and dissatisfaction, highlighting the need for intelligent assistants that guide, translate, and coordinate care.

Project Team



TEAM 5 - NAVYUG THINKERS

Team Members

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SDG 3 – Good Health and Well-Being

SDG Goals

SDG 10 – Reduced Inequalities

Solution

This idea focuses on creating an intelligent hospital assistant that meaningfully reduces the daily workload on doctors, nurses, and front-desk staff by handling routine guidance, directions, translations, and reminders, allowing professionals to focus more on clinical care. It improves patient experience by making hospital visits less stressful, more organized, and easier to understand, especially for first-time visitors, elderly patients, and people who speak different languages. A single integrated system can solve multiple problems at once, from navigation and communication to scheduling and waste alerts, increasing overall efficiency and safety. Because it is digital and modular, the solution is easy to scale across large hospitals, adapt to different layouts, and replicate in new facilities with minimal changes, making it cost-effective and sustainable over time.



