

## **ABSTRACT**

Government hospitals often struggle with inefficient resource management, and fragmented communication between doctors, staff, and patients. HOSPITRAX is designed to address these challenges by providing a web-based hospital management system that streamlines patient record-keeping, enables real-time tracking of hospital resources, and enhances coordination among medical professionals.

A Public DigiHealth is a comprehensive, healthcare management system, designed to transform public health services through digitization and real-time data accessibility. The system focuses on secure, efficient, and user-friendly healthcare delivery by integrating advanced features that address key challenges in the public health domain. HOSPITRAX facilitates digital patient record-keeping, enabling healthcare providers to access and update medical histories seamlessly across multiple hospitals. It incorporates real-time tracking of hospital resources, including bed availability, medical equipment, and staff deployment, ensuring timely and data-driven decision-making during emergencies.