KioskCare – AI & GraphQL Enhanced Hospital Check-In System

Accelerating Patient Check-In on Touchscreen Kiosks with Real-Time Sync, NLP Intelligence, and GraphQL Precision
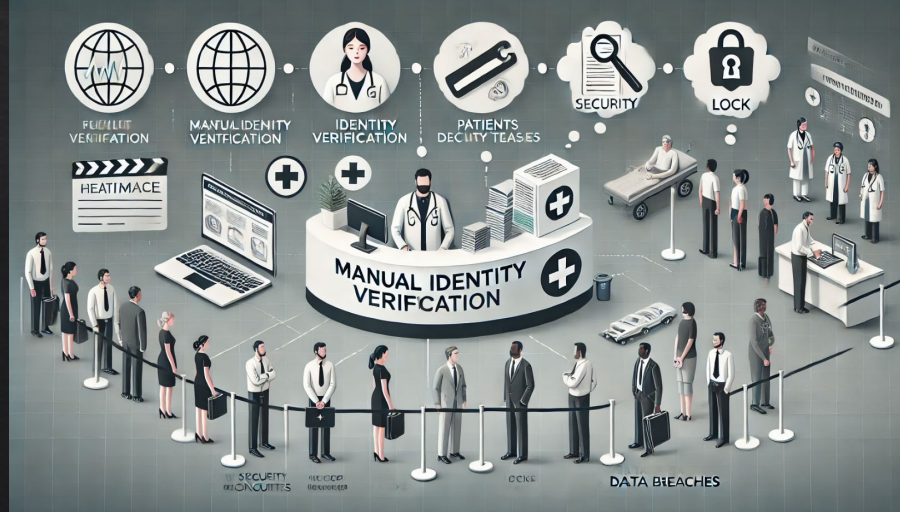
Introduction

❖ This project is part of a Healthcare/Hospital Enterprise Application designed to assist front desk reception staff in securely and efficiently verifying patient identities during the check-in process.

Problem Statement

◈ - Manual identity verification (name, phone number, address) is time-consuming and less secure.

◈ - Reception staff cannot handle multiple verifications efficiently.

◈ - Traditional methods may lead to data breaches or errors.

Proposed Solution

◈ - Use touchscreen kiosk devices for patient self-check-in.

◈ - Reception staff can assign verifications to kiosks automatically.

◈ - Multiple verifications can be managed simultaneously, improving workflow.

◈ - Staff are notified of the verification results in real-time.

Key Benefits

◈ - Faster patient check-in and reduced front desk workload.

◈ - Accurate identity verification to minimize errors.

◈ - Real-time updates across all connected devices.

◈ - Enhanced patient experience with a seamless process.

◈ - AI-powered natural language queries for streamlined staff operations.

◈ - Advanced, flexible data access through GraphQL for custom searches and dynamic filtering