

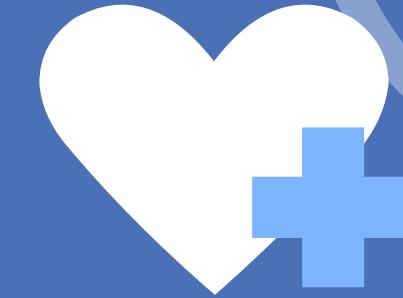


MEDSYNC

Intelligent Hospital

Operations Platform

Transforming hospital management & patient engagement



🌟 Introduction

- Modern hospitals struggle with fragmented data systems
- No predictive tools for patient surges or equipment demand
- Manual processes → slow decisions & higher costs

🧩 Problem Statement

- Lack of unified data view
- Inefficient patient management & resource allocation
- Hospitals operate in silos with no visibility into nearby hospital capacity during peak loads or emergencies



Our Solution: MedSync ERP

- Dynamic OPD Queue Management
- Live Bed Availability Dashboard
- Rule-Based Admission Workflow
- Inventory Usage Tracking
- Low-stock alerts
- Inter-Hospital Capacity Sharing (APIs)

tools to power the hospital

- **Admin:** manage staff & machines, track bed usage, see real-time analytics
- **Doctors:** patient info, prescriptions, e-sign surgical docs or lab reports
- **Nurses:** view patient vitals, log notes, schedule medicine reminders
- **Pharmacists:** review prescription requests, confirm availability, update stock
- **Receptionists:** add patients, assign doctors, manage appointments & beds

Tech & Architecture

Tech & Architecture

Frontend: Next.js

Backend/Database: Firebase (Firestore & Auth)

AI module (predictive analytics)

NEXT.js



Gemini

Why Choose Us?

Program 1

Data-assisted predictions using historical averages

Program 2

Real-time data prevents delays & reduces human errors

Program 3

Empowers patients with full visibility over their care journey

Program 4

Scalable & modular: fits clinics, hospitals, diagnostic centers



USER INTERFACE

MedSync

Welcome back, admin ☀️

Admin Dashboard

Admin dashboard subheading here

- Total Patients: 3 +2 from yesterday
- Staff Members: 6 All active
- Critical Patients: 0 Requires attention
- Inventory Alerts: 2 Items need restocking

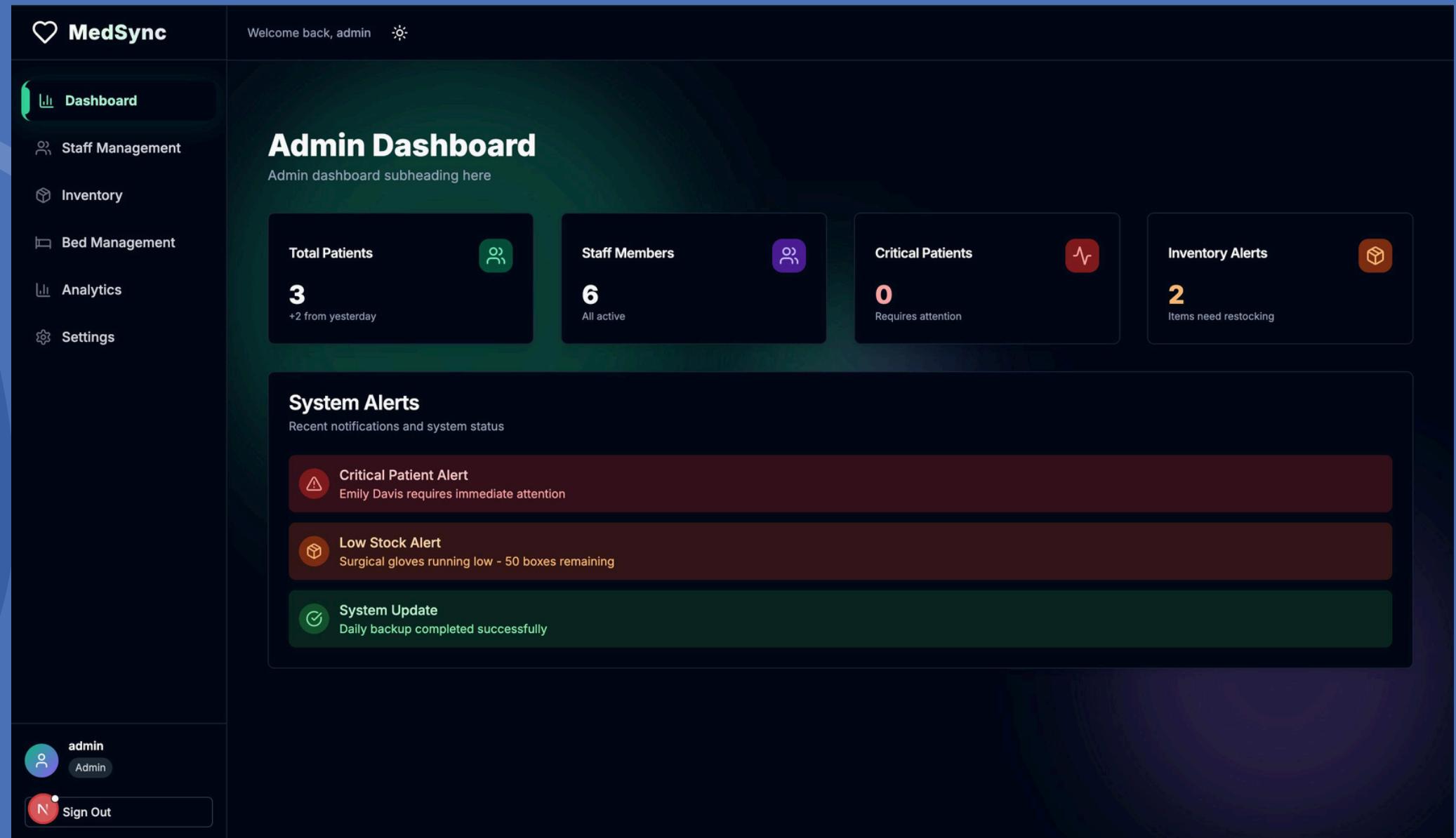
System Alerts

Recent notifications and system status

- Critical Patient Alert: Emily Davis requires immediate attention
- Low Stock Alert: Surgical gloves running low - 50 boxes remaining
- System Update: Daily backup completed successfully

admin Admin

Sign Out



MedSync

MODERN HEALTHCARE ERP

MedSync: Next-Gen Hospital Management

The all-in-one platform to streamline patient care, staff management, and hospital operations. Secure, real-time, and role-based.

Get Started Request Demo

Why MedSync Stands Out

- Secure & Compliant**: Your data is protected with industry-leading security, privacy standards, and two-factor authentication.
- Real-time Insights**: Access up-to-date patient and operational data for informed decision-making and analytics.
- Role-based Dashboards**: Tailored experiences for doctors, nurses, pharmacists, admins, and receptionists.

Hospital Roles

Role	Description
Admin	Full control over hospital operations, staff, and system settings.
Doctor	Manage patients, appointments, prescriptions, and medical records.
Nurse	Track patient vitals, assist in care, and manage bed assignments.
Pharmacist	Oversee pharmacy inventory and process prescriptions.
Receptionist	Schedule appointments and manage patient intake.

All-in-One Hospital Modules

Module	Description
Patient Management	Register, track, and manage patient records securely.
Appointments	Schedule and coordinate appointments with ease.
Pharmacy	Manage prescriptions and inventory efficiently.
Bed Management	Monitor and manage hospital bed allocation.
Inventory	Track and manage hospital inventory and supplies.
Notes & Collaboration	Empower your team with seamless communication tools.
Prescriptions	Create, approve, and manage patient prescriptions.
Analytics	Gain real-time insights into hospital operations.
Settings	Configure system, security, and notification preferences.

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Next phase: smarter care with AI

- Predict readmission risk & alert staff early
- Auto-assign doctors based on specialization & patient profile
- Chatbot for basic queries, symptom checking, appointment booking
- AI-driven alerts for low medicine stock or equipment issues

THANK
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