

aws

Page 0 — Login

Hospital ID

Admin email

Password

Login button

Footer disclaimer

Page 1 — Admin Overview

Summary metrics:

ER occupancy percentage

ICU occupancy percentage

Total ER patients

High-risk patient count

Status indicators:

ER status (normal / watch / critical)

ICU status (normal / watch / critical)

Trend visualization

Combined ER and ICU load trend

Past 60 minutes

Forecast next 60 minutes

Alerts

Predicted ER overload

Predicted ICU capacity breach

Page 2 — ER Pressure & Prioritization (https://chatgpt.com/s/t_6950fe78b3988191a80ca06928e0cdf4)

Operational metrics:

Current ER inflow rate

Average waiting time

Patients exceeding wait threshold

Visualizations:

ER inflow forecast (30 / 60 / 120 minutes)

Waiting time distribution

Patient prioritization table:

Patient id	Severity	Deterioration Risk	Waiting Time	Priority	conceptual explanation	Short rationale for priority changes	time since last priority update
A	High	Medium	10 min	Medium			

Patient id	Severity	Deterioration Risk	Waiting Time	Priority	conceptual explanation	Short rationale for priority changes	time since last priority update
B	Medium	Medium	80 min	High			
C	Low	High	60 min	High			

includes:

Patient ID

Severity score

Deterioration risk level

Waiting time

AI-assigned priority rank

Contextual explanation

Short rationale for priority changes

time since last priority update

confidence score

Page 3 — ICU Capacity & Resources

(https://chatgpt.com/s/t_6950fea5d24c8191aa342adf4a186376)

Capacity metrics:

Beds occupied vs total

Staff availability index (doctors on duty : high/low/medium & nurses available: high/low/medium)

Forecast:

ICU occupancy prediction (30 / 60 / 120 minutes)

Recommendations:

Admission suggestions

Contextual explanation/Short rationale for ICU recommendations

The AI is answering this question:

"Given current ICU capacity + forecast + patient risk, which admissions are safest and most beneficial *right now?*"

It combines:

- patient deterioration risk (from ER page)
- ICU occupancy forecast
- current capacity limits

Then it produces a **ranked shortlist**, not a decision.

Example UI entry

Patient ID: ER-2041

Urgency: High

Reason:

"Rising respiratory rate and falling oxygen saturation over the last 30 minutes. ICU occupancy predicted to remain below safe limits for the next hour, making early admission beneficial."

That's a **perfect admission suggestion**.

Page 4 — Explainability

(https://chatgpt.com/s/t_695103bfa0cc819181350e5070e445f4)

Context selection:(3 options)

Patient-level

Recommendation-level

Forecast-level

Explanation breakdown:

Key contributing factors

Human-readable reasoning

Confidence indicator