Progress 3 Presentation

Patients

View current inpatients, bed assignments, and responsible staff.

Search patient name or ID... | All departments ▾ | All statuses ▾ | **Search**

Patient	Department	Room / Bed	Status	Rep / Nurse
George Porter ID: P-1012	Neurology	Rm 5 / Bed 1	Admitted	Nurse Anna Garner
Masha DaBear ID: P-1013	Neurology	Rm 5 / Bed 2	Reserved	Nurse Anna Garner
Tina Chang ID: P-1014	Cardiology	Rm 2 / Bed 3	In recovery	Nurse Michael Reed
Jose Martinez ID: P-1015	Oncology	Rm 8 / Bed 1	Discharged	Nurse Megan Lee

Messages

View and respond to staff messages and alerts.

System Alert — 2 mins ago
Bed 3 in Neurology Room 5 marked as "Needs Cleaning."

Nurse Anna Garner — 10 mins ago
Patient George Porter's vitals are stable; can move to post-op soon.

Dr. Michael Reed — 30 mins a

Insights

Predictive analytics based on seasonal trends, admissions, and bed capacity.

Last 30 days ▾ | All departments ▾ | All admission types ▾

Forecasted admissions (next 2 weeks)
+18%
Seasonal increase (flu/COVID)

Projected bed occupancy
82%
Above target (75%)

High-risk departments
3
Cardiology, Neurology, ER

Admissions trend (Power BI)
Embed your Power BI line chart here.

Power BI visualization placeholder

Capacity projection
Based on admissions + avg. length of stay.

Week 1: 74% occupancy
Week 2: 79% occupancy
Week 3: 83% occupancy (⚠ consider opening reserve beds)
Week 4: 81% occupancy

Recommendations
- Open 5 temporary beds in Neurology for fall surge.

Dashboards

-   Patients
-   Messages
-   Insights (Work in progress)

Manage beds

Update bed availability, cleaning status, and assignments.

	All departments ▾	All statuses ▾	Search by room or bed...	Filter

Bed	Room	Department	Status	Action
Bed 1	Neurology room 5	Neurology	In use	Mark clean
Bed 2	Neurology room 5	Neurology	Reserved	Assign
Bed 3	Cardiology room 2	Cardiology	Needs cleaning	Mark clean
Bed 4	Oncology room 1	Oncology	In use	Reassign

Manage rooms

View room capacity and update availability or assignments.

	All departments ▾	Capacity filter ▾	Search by room name...	Filter		Create room

Room	Department	Total beds	In use	Reserved	Needs cleaning	Open	Actions
Neurology room 5	Neurology	6	3	1	1	1	View beds / Open reserve bed
Cardiology room 2	Cardiology	5	4	0	1	0	View beds / Mark clean
Oncology room 1	Oncology	4	2	1	0	1	View beds / Edit room

Users

Manage user access, roles, and account status.

Search by name or email...	All roles ▾	All statuses ▾	Filter		Add user

User	Role	Department	Status	Last login	Actions
John Smith john.smith@medbedsystem.org	Admin	IT	Active	Today, 09:24	Edit Deactivate
Anna Garner anna.garner@medbedsystem.org	Nurse	Neurology	Active	Today, 08:10	Edit Deactivate
Michael Reed michael.reed@medbedsystem.org	Doctor	Cardiology	Active	Yesterday, 19:32	Edit Deactivate
Megan Lee megan.lee@medbedsystem.org	Nurse	Oncology	Inactive	Oct 30, 14:05	Edit Activate

Dashboards

- Manage beds
- Manage rooms
- Users

CloudRun, GitHub, and Eventarc

CloudRun:
- Cloud Run hosts the ingestion backend that reads CSV files and inserts the data into the MySQL database.

Eventarc
- Eventarc is Google's event delivery system.
- listens for actions happening inside Google Cloud and forwards those events to Cloud Run.
- Eventarc watches the storage bucket. When dealing with a CSV , Eventarc automatically sends the file information to Cloud Run so the ingestion process can start.

What Is Working
- Cloud Run deploys successfully and connects to the SQL database
- Eventarc triggers correctly when files are uploaded
- CSV ingestion logic for patients and beds functions as expected
- Cloud SQL schema and primary keys are properly configured
- Frontend can reach Cloud Run through the API
- Cloud Run logs show that ingestion logic runs when triggered

Errors with actual data showing on Frontend, drop down menu shows no CSV data:
https://capstone-f25.github.io/capstone-f25-project-repository-group-5/

Web Host Issue Fixed / Firebase Authenticator

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is live at https://capstone-f25.github.io/capstone-f25-project-repository-group-5/

Last deployed by SchorrJ 5 days ago

Visit site   Unpublish site

Identifier	Providers	Created ↓	Signed In	User UID
jasmine@gmail.com	✉	Nov 12, 2025		3s3RTM71ovU9JmuMZwne5...
jacob@gmail.com	✉	Nov 12, 2025		7iHZbg3IxzShEJBqOQ2SxJON...
stella@gmail.com	✉	Nov 12, 2025	Nov 12, 2025	fo72XQiHumTkIgetNLu3iwHI9...
marywilson@hospital.o...	✉	Nov 12, 2025		j3w6yxyeDoSyEmRNHIEZ7X5e...

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Issue solved by using Github pages to host website

Set up login page to use real users entered into firebase authenticator