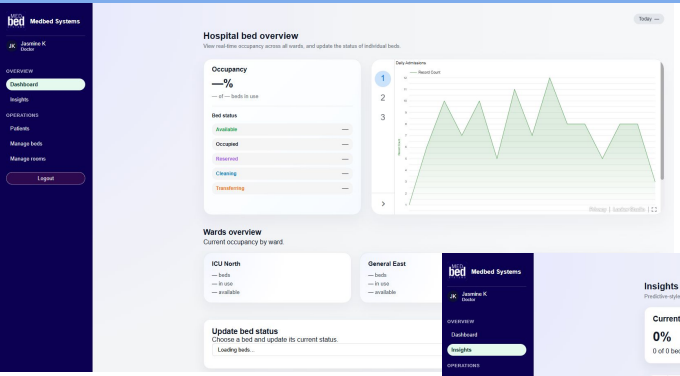
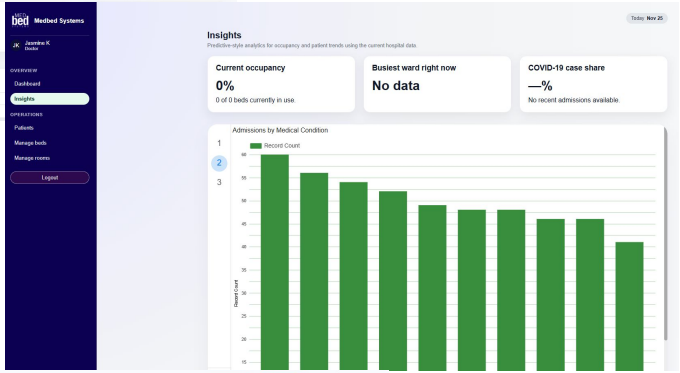
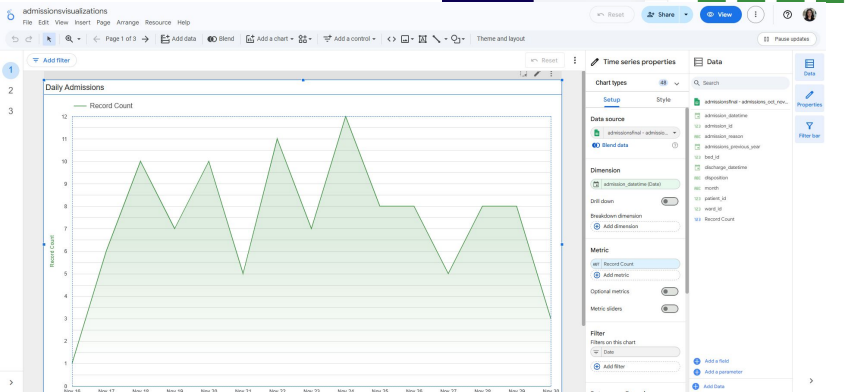
Progress 5 Presentation



Dashboard/Home Page



Insights Page



Looker Studio

Front End Changes + Improvements

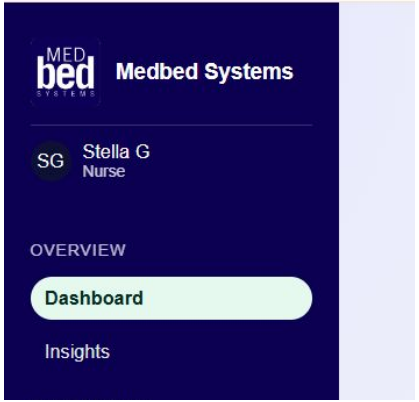
- Updated and refined UI design
- Added additional testing using mock data
- All calculations now update in real time
- Small mock datasets work fully; currently scaling testing to datasets in the hundreds

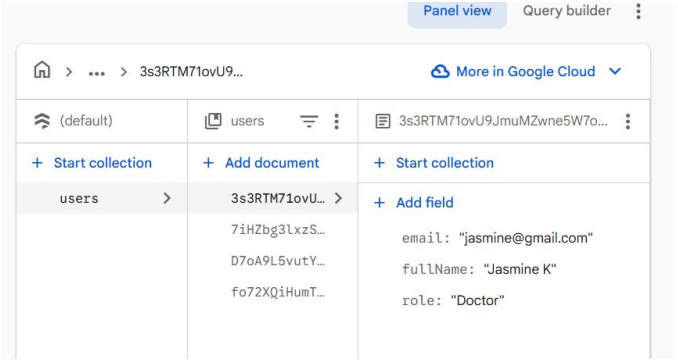
Dashboards + Visualizations

- Originally built dashboards in Grafana, but switched to Looker Studio for smoother integration with GCP bucket data
- Three visualizations created:
  - Daily Admissions over the last 2 weeks
  - Admissions by Medical Condition (reason for admittance)
  - Trendline Forecast for predictive analytics
- Interactive Features
  - Direct filtering and interactive clicking on the webpage is limited
  - Users can open the embedded Looker Studio report from the webpage to apply filters and explore predictive analytics/trendline forecasts
  - This allows viewers to analyze patterns in medical conditions across specific dates

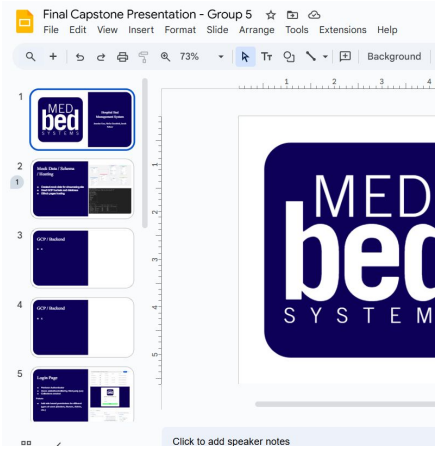
Live User

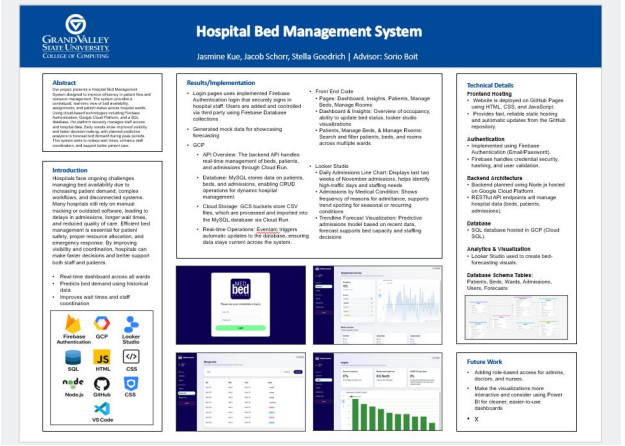
- Added correct user when logged on
- Created a collection in firebase database using unique ID





Final Presentation Slides





Final Poster

Backend 99% Complete

- Database is fully hooked up to frontend
- Data is now “live” and can be updated from Dashboard, data stays changed even after page is closed. (Database in GCP updates and stores it correctly)
- Still having problems with displaying “Patients” csv