

ECMO Bridge

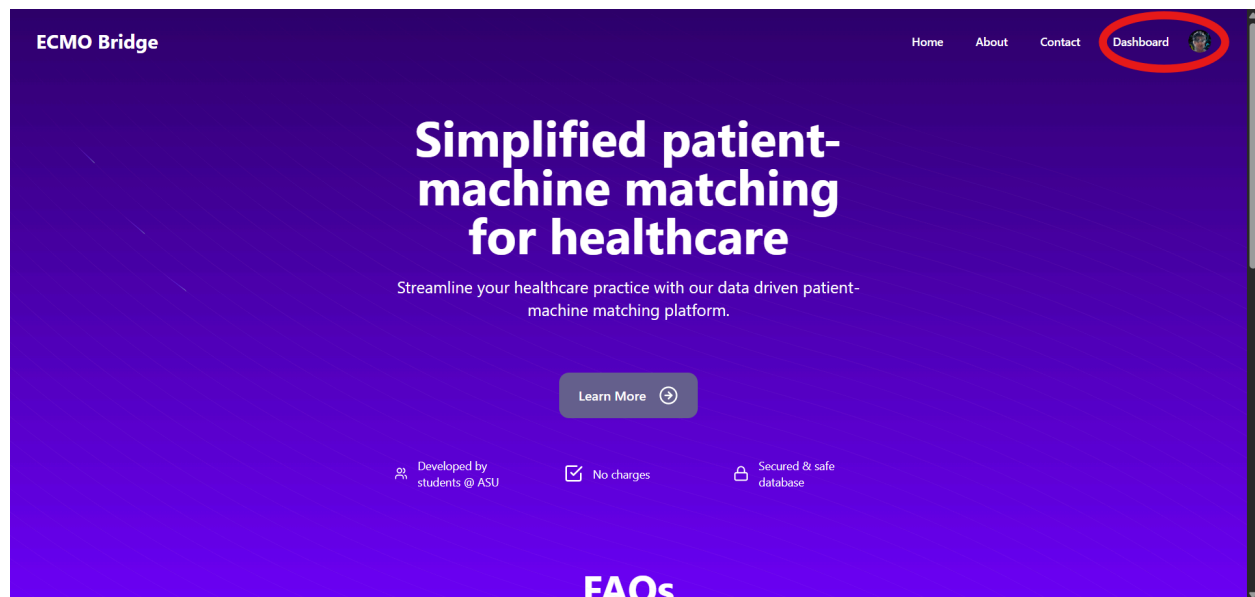
User Guide

Project Overview

The purpose of ECMO Bridge is the allocation of patients and extracorporeal membrane oxygenation (ECMO) devices across Maricopa County. This application will allow for hospitals to connect their patients with available ECMO devices within Maricopa County based on predetermined criteria, including but not limited to severity, location, and age. This project aims to bridge the gap between rural and urban health disparities, as patients in rural areas with limited access to ECMOs go underserved.

Home

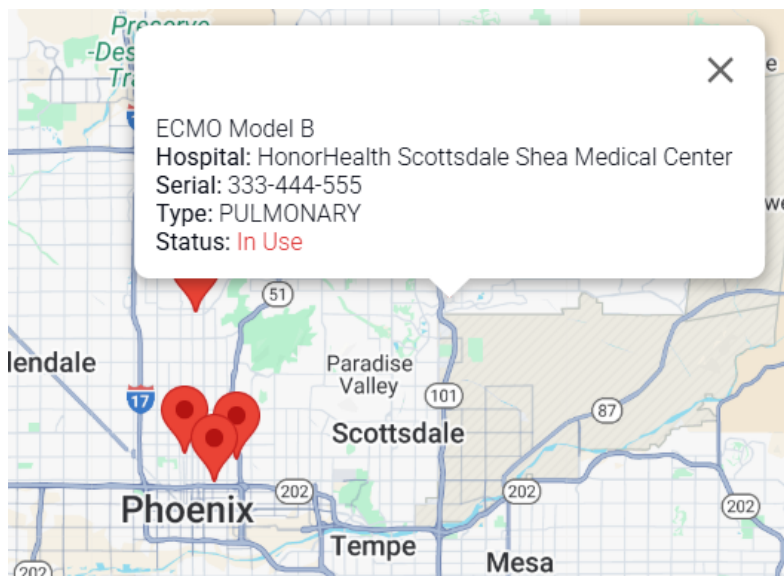
The Home page provides background on the project, as well as answers to some frequently asked questions. In addition, users will be able to login using an email account to gain access to the dashboard and main features.



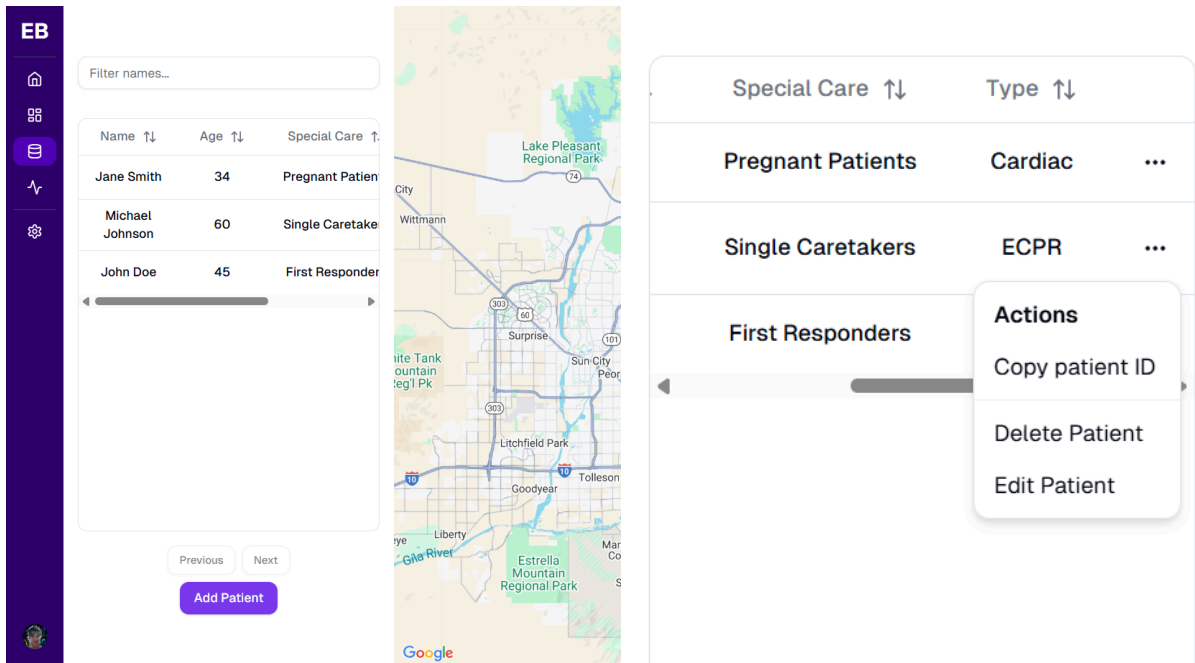
This method of login may be changed in the future.

Patients and ECMOs

The Patients and ECMOs tab will allow you to enter new patients into the system, as well as viewing the current status and location of ECMOs. ECMO status can be viewed on the map by hovering over the pins.



The patients panel on the left will showcase current patients registered by the hospital. Information such as the patient’s name, age, and special care factor can be seen here. In addition, patient data can be altered or removed entirely if needed.



Add a Patient

Patients can be added to the matching queue through the Add Patient button on the bottom of the Patients and ECMO tab. This will allow you to enter patient information, such as the patient’s name, age, and any special care factor. Once entered, the patient will be registered and submitted to the queue.



Name

This is your patient's name.

Age

Choose the age for your patient.

Special Care

Select a special care type

ECMO

Select a ECMO type

Submit

Settings

The settings page is where all the general settings will be found. This is where the hospital can input the name of their branch, as well as its location.

EB














Settings

Manage your hospital settings

 Heads up!

For security and ethical reasons, you will only be able to set your hospital's name and location once. [Learn more >](#)

Name

For eg: Phoenix Children

This is your hospital's name. This name will be displayed everywhere including the match-list.

Location

Choose...

Choose the location for your hospital. This is used to calculate coordinates of your hospital.

Submit