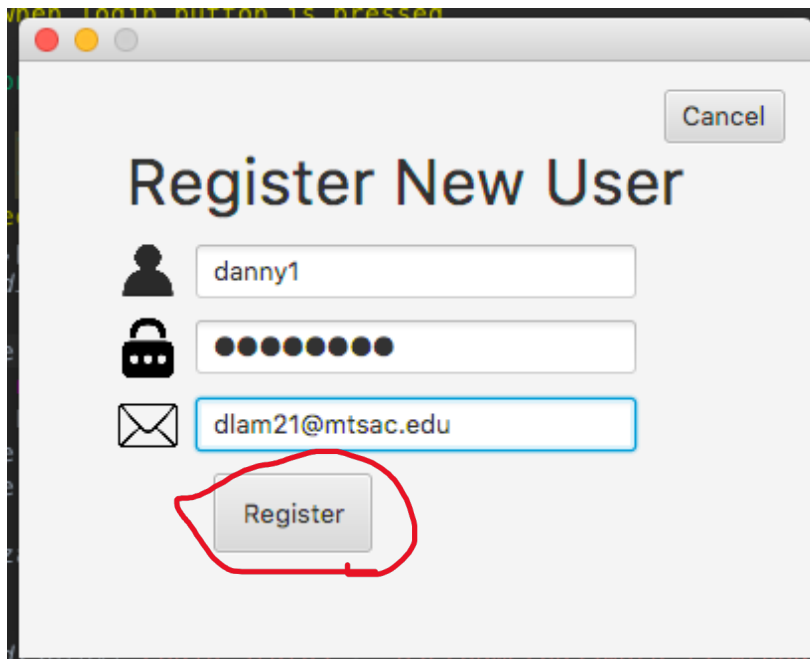


CISP24
Danny Lam
6/9/19



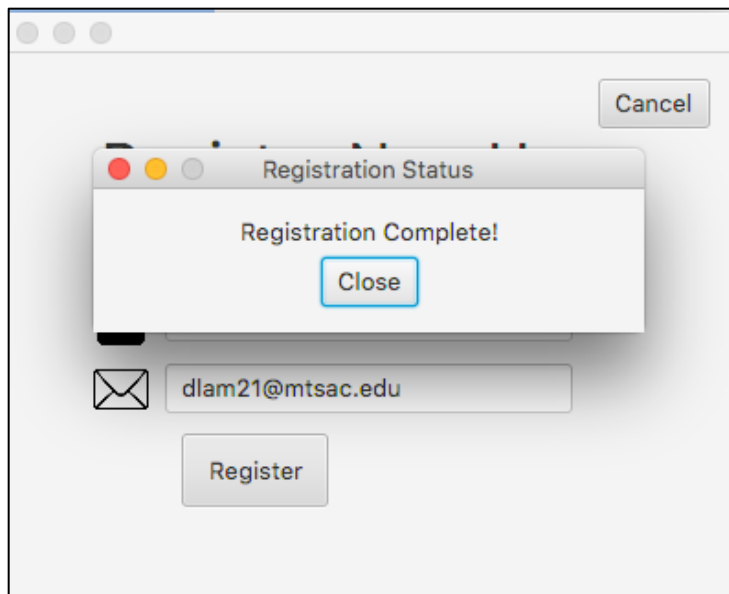
The screenshot shows a web browser window titled "Hospital Management System". The page features a red heart rate line graphic on the left and the text "Hospital Management System" in red on the right. Below the title, the name "Danny Lam" is written. There are three input fields: a username field with a person icon, a password field with a lock icon, and a "Login" button. At the bottom, there is a "New User?" link, a "REGISTER" button, and a "Forgot Your Password?" link.

This is the Hospital Management System: by Danny Lam

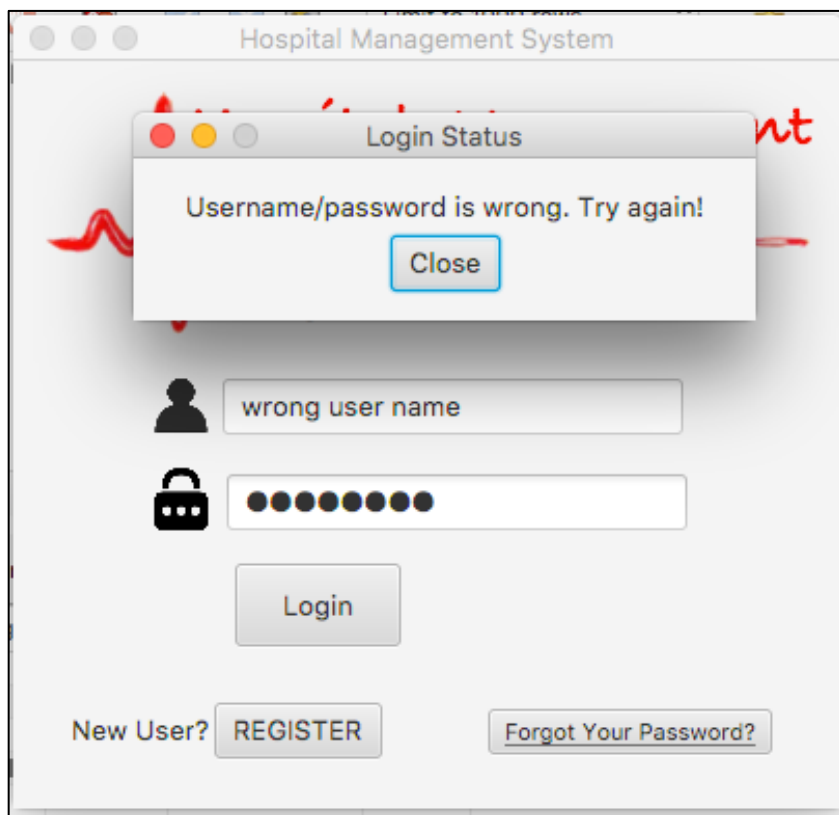


The screenshot shows a web browser window titled "Register New User". There is a "Cancel" button in the top right corner. The page has three input fields: a username field with a person icon containing the text "danny1", a password field with a lock icon containing a series of dots, and an email field with an envelope icon containing the text "dlam21@mtsac.edu". Below the email field, the "Register" button is circled in red.

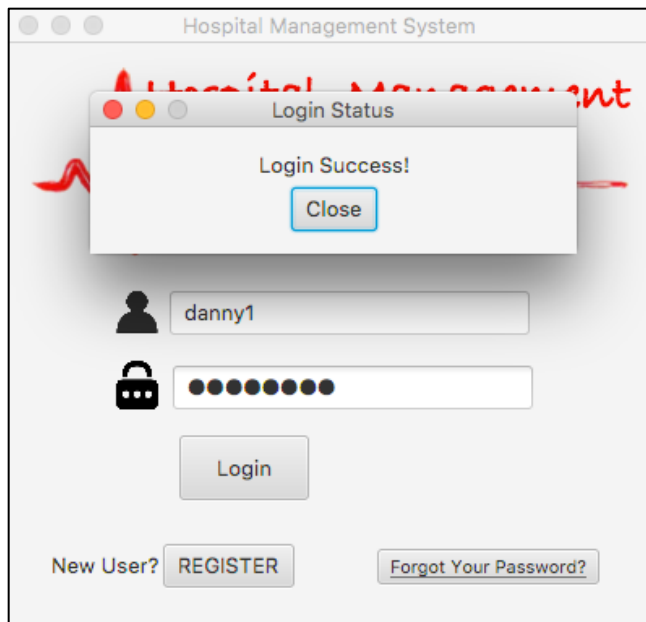
Register as a new user. Enter your username, password, and email.



Popup will appear saying your registration is complete.
Data will be stored into the 'admin' table in MySQL database.



If you input an incorrect username and password, then you will receive an error and will ask you to try again.



When we enter the correct username and password, the app will confirm our successful login! Yay we are in!




This is the main menu of the hospital management system. Here we have 3 different panels: Doctor, Patient, and Room. We can hit "Logout" to take us back to Login screen.

Doctor Details

Go Back

Doctor ID


Age



Hire New Doctor

First Name


Specialization



Update Doctor

Last Name

Salary



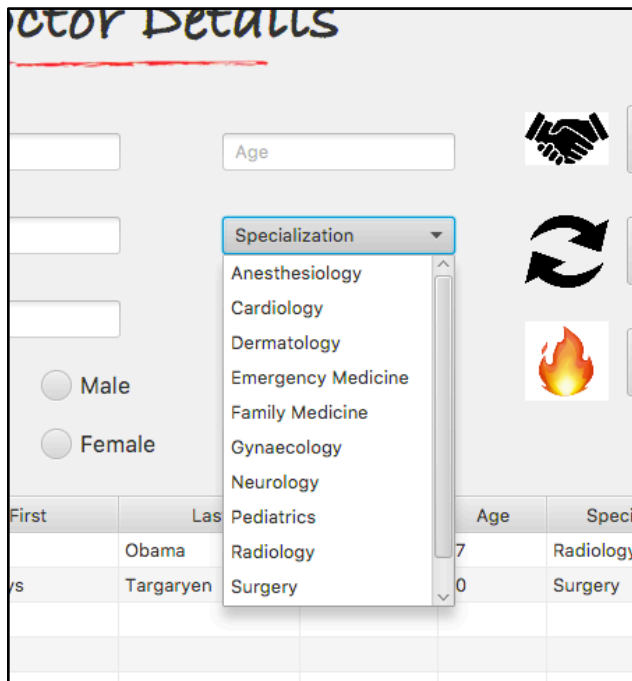
Fire Doctor

Gender = ☐ Male
☐ Female

Doctor ID	First	Last	Gender	Age	Specialization	Salary
1	Barack	Obama	Male	57	Radiology	56294
2	Barry	Allen	Male	26	Neurology	9999
3	Stephen	Strange	Male	36	Radiology	150

This is the GUI of the Doctor Details. Here we can hire a new doctor to the hospital, update an existing doctor’s information, or fire the doctor! Below is a table view of the doctor’s table.

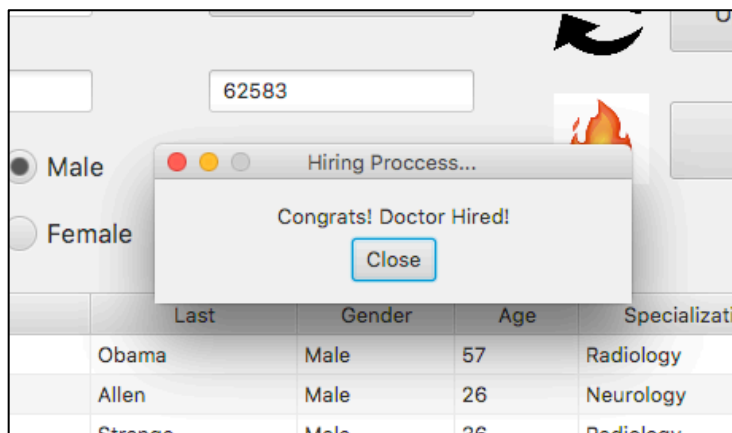
Input data to hire a new doctor. When you get the gender section, there will be 2 radio buttons asking you for male or female.



The screenshot shows a form titled "Doctor Details" with a "Specialization" dropdown menu open. The dropdown lists various medical specialties. Below the form, a table displays a list of doctors.

First	Last	Age	Specialization
	Obama	57	Radiology
ys	Targaryen	30	Surgery

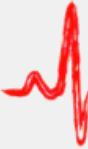
The Specialization combo box as a list of different departments that doctor specializes in.



The screenshot shows a "Hiring Process..." dialog box with the message "Congrats! Doctor Hired!" and a "Close" button. In the background, the form shows the "Male" radio button selected, and a table with doctor details.


Last	Gender	Age	Specialization
Obama	Male	57	Radiology
Allen	Male	26	Neurology
Strange	Male	36	Radiology

Click the "Hire Doctor" button and you will be notified that the doctor is hired! Yay new job\$\$\$!




Doctor Details


Go Back



Hire New Doctor



Update Doctor



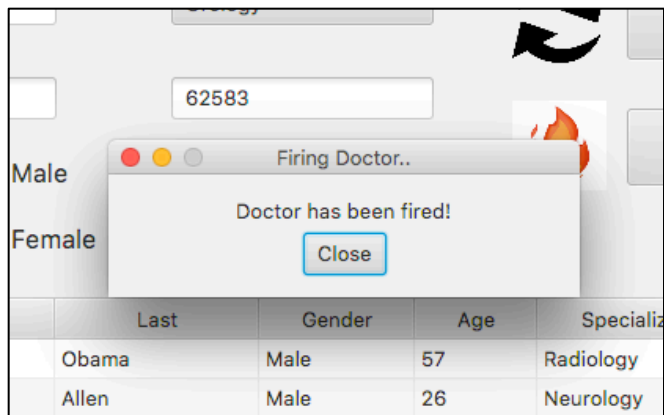
Fire Doctor

Gender = ☒ Male

Male ☐ Female

Doctor ID	First	Last	Gender	Age	Specialization	Salary
1	Barack	Obama	Male	57	Radiology	56294
2	Barry	Allen	Male	26	Neurology	9999
3	Stephen	Strange	Male	36	Radiology	150
4	Owen	Hunt	Male	95	Urology	62583

The table view will automatically load with the new doctor record stored.




When you type in the doctor's ID in the textfield and hit the "Fire Doctor" button, it will delete the special record.

The 'Doctor Details' form includes input fields for Doctor ID (4), Age (95), First Name (Owen), Specialization (Urology), Last Name (Hunt), and ID (62583). It has radio buttons for Gender (Male selected) and buttons for Hire New Doctor, Update Doctor, and Fire Doctor. A table below shows a list of doctors. A red arrow points to a question mark in the first column of the table, indicating the deletion of Dr. Owen Hunt.

Doctor ID	First	Last	Gender	Age	Specialization	Salary
1	Barack	Obama	Male	57	Radiology	56294
2	Barry	Allen	Male	26	Neurology	9999
3	Stephen	Strange	Male	36	Radiology	150





Now Dr. Owen Hunt is has been fired from the hospital! Bye bye!



Patient Details

Go Back

Gender =
☐ Male
☐ Female

 Check In Patient
 Update Patient
 Check Out Patient
 Treatment

Patient ID	First	Last	Gender	Age	Problem	Room	Doctor
2	Peter	Parker	Male	20	Infection	5	
3	Tony	Stark	Male	47	Chest Pain	2	Dr. Strange
4	Myca	Tran	Female	30	Stroke Symptoms	9	Dr. Obama

This is the Patient Detail page where you can check in patients, update their info, check them out of the hospital, and prescribe the treatment.

The screenshot shows a patient registration form. At the top, there is a red line and the text "All Details". Below this, there is an "Age" input field. A "Problem" dropdown menu is open, showing a list of medical conditions: Abdominal Pain, Back Pain, Breathing, Chest Pain, Headache, Infection, Laceration, Stroke Symptoms, and Trauma. To the right of the form, there are four icons: a lightbulb, a circular arrow, a shopping cart, and a heart with a plus sign. Below the form, there is a table with columns "Last", "First", "Age", and "Problem". The table contains two rows of data: "binson" (Male, 20, Breathing) and "rker" (Male, 20, Infection).

Last	First	Age	Problem
binson		20	Breathing
rker		20	Infection

Here, you also input new data to check in a new patient. When you get to the “Problem” combo box, there will be a list requesting what problem does the patient have.

The screenshot shows the same patient registration form as the previous one, but with the "Room" dropdown menu open. The dropdown menu shows a list of room numbers from 1 to 9, with room 9 highlighted. To the right of the form, there are three icons: a circular arrow, a shopping cart, and a heart with a plus sign. Below the form, there is a table with columns "Last", "First", "Age", "Problem", and "Room". The table contains two rows of data: "binson" (Male, 20, Breathing, 8) and "rker" (Male, 20, Infection, 5).

Last	First	Age	Problem	Room
binson		20	Breathing	8
rker		20	Infection	5

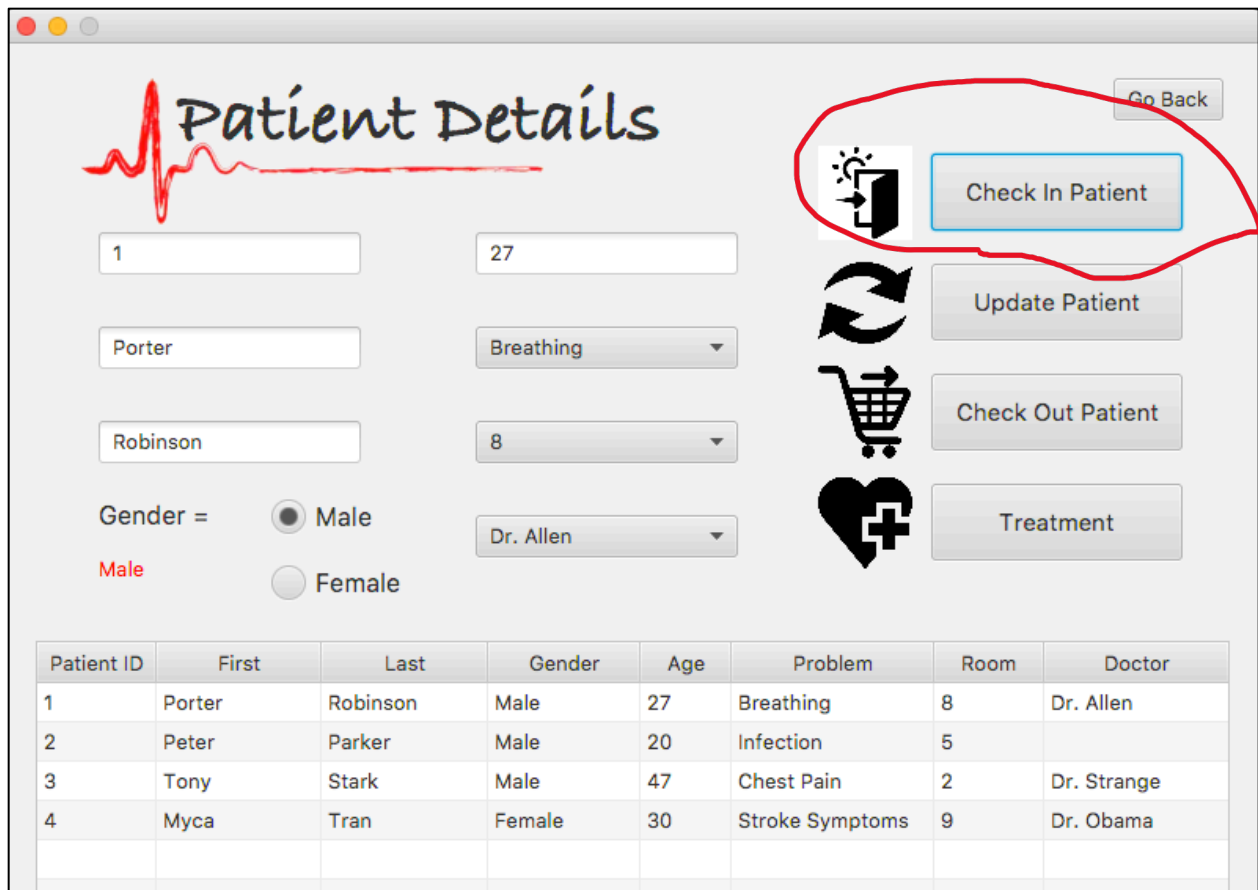
Admin can also choose which room # they will get admitted into.

Last	Gender	Age	Problem	
binson	Male	27	Breathing	8

For the “Doctor” combo box, there will be a list of the available doctors that are currently working in the hospital. When new doctors are hired, their name will be loaded into the combo box. Patients are then assigned a doctor (based on their problem and the doctor’s specialization).

Last	Gender	Age	Problem	Room	Doctor
binson	Male	27	Breathing	8	Dr. Allen
arker	Male	20	Infection	5	
ark	Male	47	Chest Pain	2	Dr. Strange

When you choose a problem for the patient, you can hit the “Treatment” button and the doctor will give you general treatments to treat the patient.



Patient Details

Go Back

Check In Patient

Update Patient

Check Out Patient

Treatment

1 27

Porter Breathing

Robinson 8

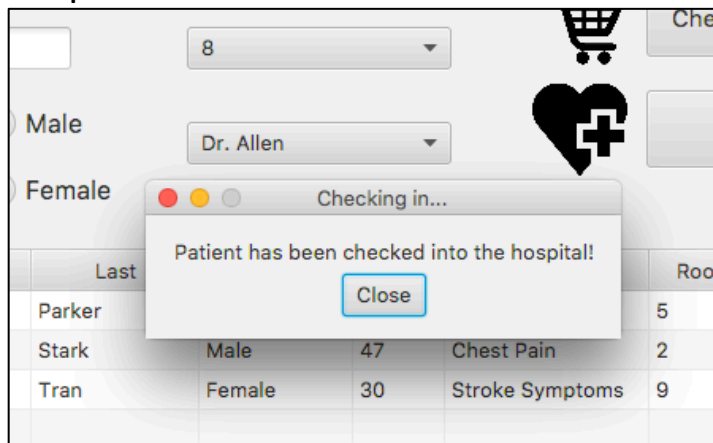
Gender = ☒ Male ☐ Female

Male

Dr. Allen

Patient ID	First	Last	Gender	Age	Problem	Room	Doctor
1	Porter	Robinson	Male	27	Breathing	8	Dr. Allen
2	Peter	Parker	Male	20	Infection	5	
3	Tony	Stark	Male	47	Chest Pain	2	Dr. Strange
4	Myca	Tran	Female	30	Stroke Symptoms	9	Dr. Obama

Input the data and hit “Check In” to check in the new patient into the hospital.



Checking in...

Patient has been checked into the hospital!

Close

8

Male

Female

Dr. Allen

Last	First	Gender	Age	Problem	Room
Parker					5
Stark	Male	47	Chest Pain	2	
Tran	Female	30	Stroke Symptoms	9	

Patient Details

Go Back

4 Age

First Name Problem

Last Name Room

Gender = ☐ Male ☐ Female

Check In Patient

Update Patient

Check Out Patient

Treatment

Checking out...
Patient has been checked out of hospital!
Close

Patient ID	First	Last	Gender	Age	Problem	Room	Doctor
1	Porter	Robinson	Male	27	Breathing	8	Dr. Allen
2	Peter	Parker	Male	20	Infection	5	
3	Tony	Stark	Male	47	Chest Pain	2	Dr. Strange
4	Myca	Tran	Female	30	Stroke Symptoms	9	Dr. Obama

When the patient is feeling better and is ready to go home to heal up, use the patient ID to declare which patient needs to go. Hit the “Check Out” button and the patient will be successfully checked out of the hospital!

Room Details

Go Back

Room	Room Type	Patient
1		

(In progress...)

The Room Details will display the room number, type of room, and which patient is staying in that room.