



# Healthcare Management System

Kayla Heydon

Midterm Project: First Demo

INFO-C451

# Why do we need it?

- While healthcare has become more advanced, the need for sophisticated data applications has become more acute.
- Current documentation management for healthcare is old-fashioned, sluggish, time-consuming, and unreliable.
- Records are maintained on paper and managed through files, which, as a result, can create inaccurate results, documents, and information.
- The manual filing system has many concerns, which include file security, slow file retrieval system, and inefficient updating of the file system, etc.

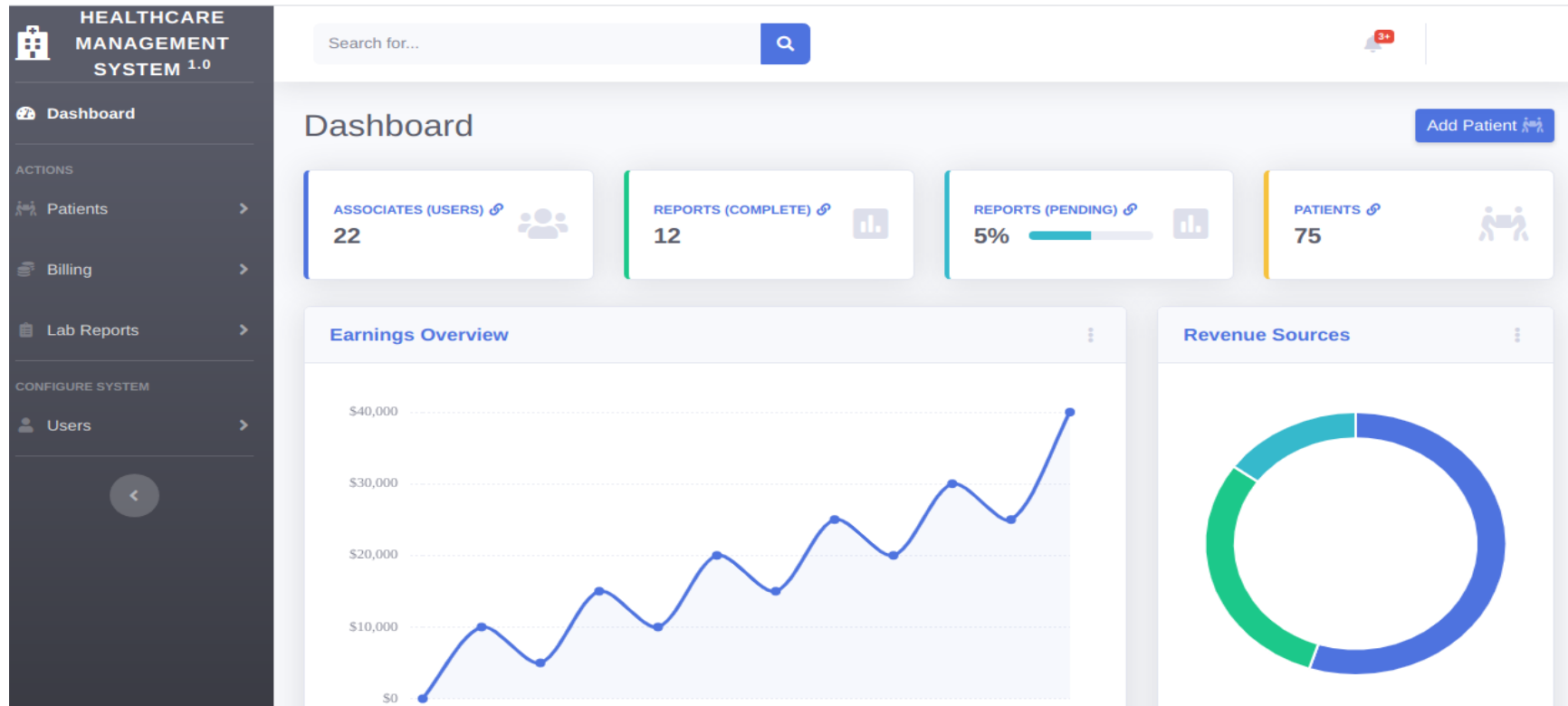
# How does it work?

- This health care management system keeps track of all the patient records in the facility.
- The system stores all the records in a relational database, making sure the data is secure and its integrity preserved.
- For effective service delivery, the system has a billing feature built-in allowing the facility to bill the patient doing the service first and convenient seamlessly.
- On top of that, the system also packs a Lab test request feature allowing doctors in the hospital to request lab test from lab associates this feature dramatically improves efficiency and provides for seamless communication between the lab and doctors.

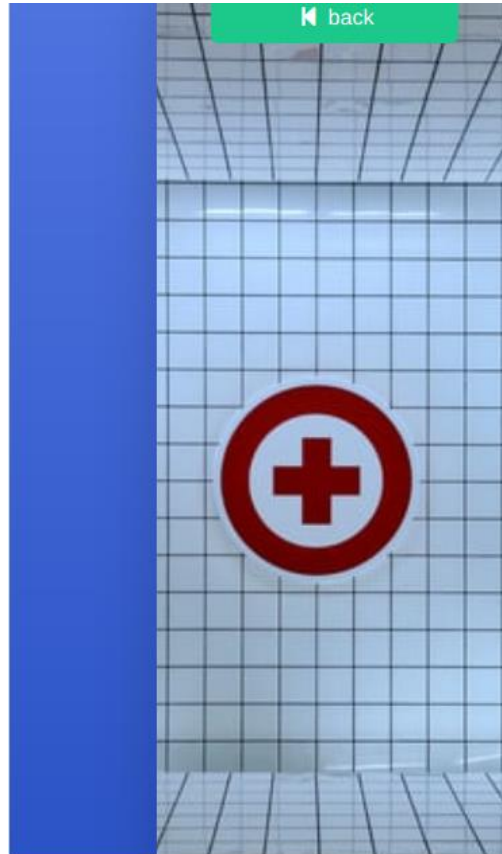
# System Features

1. Patient registration
2. Edit patient information
3. Bill creation and editing
4. Add new users to the system
5. Search feature allowing users to search for patients or other users in the system
6. Authorization and authentication via login, logout, and password reset

# Healthcare Management System



# Request Lab Test



## Request Test

Patient\*

Test name\*

Description\*


Doctor\*

Date\*

Status\*

Request Test

# Register Patient

 back

Register Patient

Social security\*

First name\*

Last name\*



D o b\*



Gender\*

----- ▾

Contact no\*

# Create Bill





## Patient Bill

Date\*

Room charges\*

Doctor fee\*




Lab fee\*

Miscellaneous\*

Patient\*



# Add New User to the System



back

Create New User

Username\*

Required. 150 characters or fewer. Letters, digits and @/./+/-/\_ only.

First name

Last name

Email address

Password\*

Repeat password\*

create new user