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PROJECT FINAL SUBMISSION

Project Description:

Our project is focused on the development of an Application for Health Care Provider which would View all patient records, add, and delete new Patient information and records. This is an application that acts more like a storing, viewing record because it has been created in response from users such as information.

We are creating a Patient Clinical Data management application for the health care providers (i.e., nurses and doctors) in the hospital. In this application HCV can view all the patient basic Information as well as views detailed clinical test reports for all individuals' patients. Furthermore, Doctors also access the information about patients if they are in critical conditions such as setting up some conditions with blood pressure.

The clinical data can include the following information:

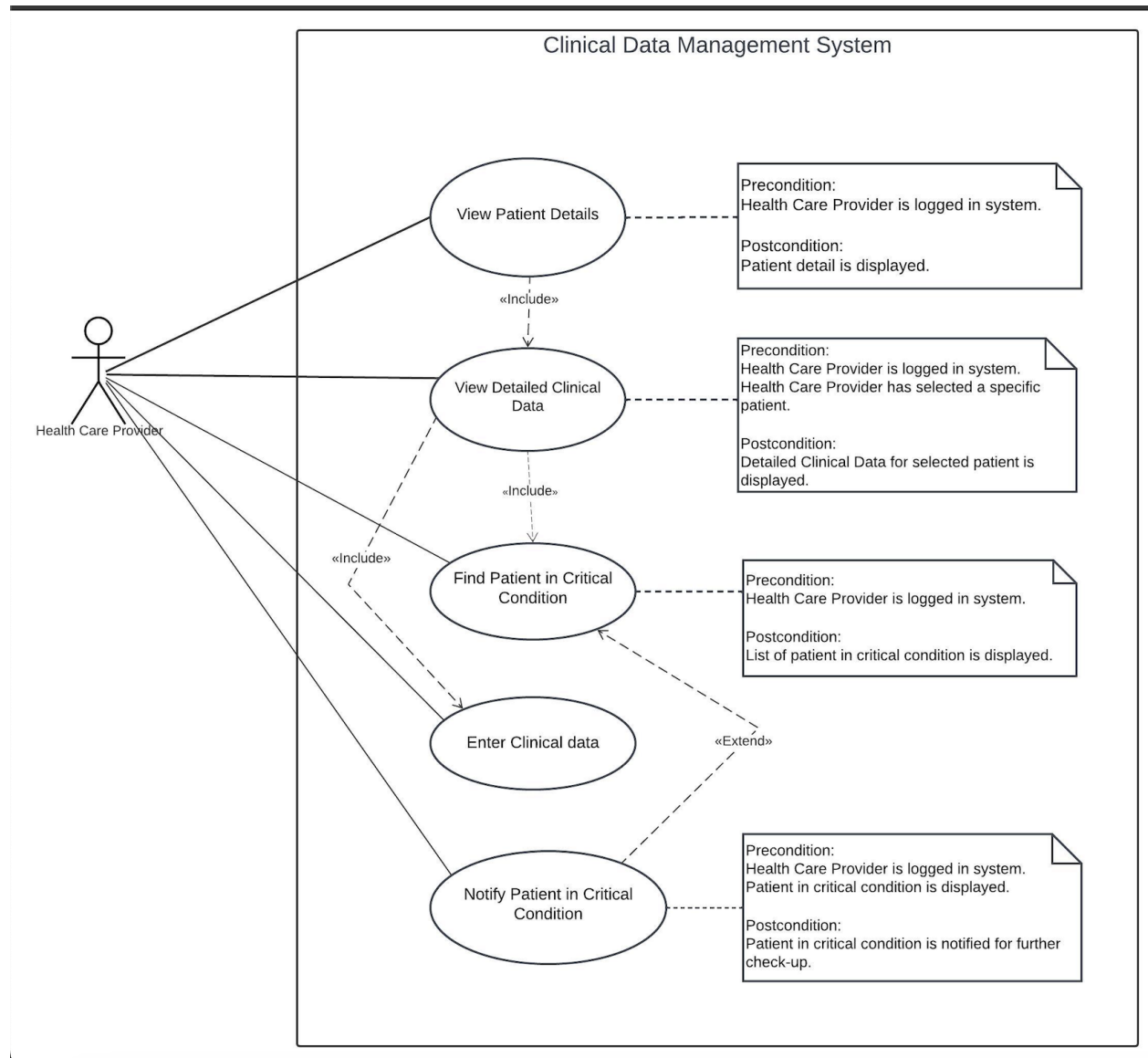Date/time, Type of Data, Reading/Value

Data Type:

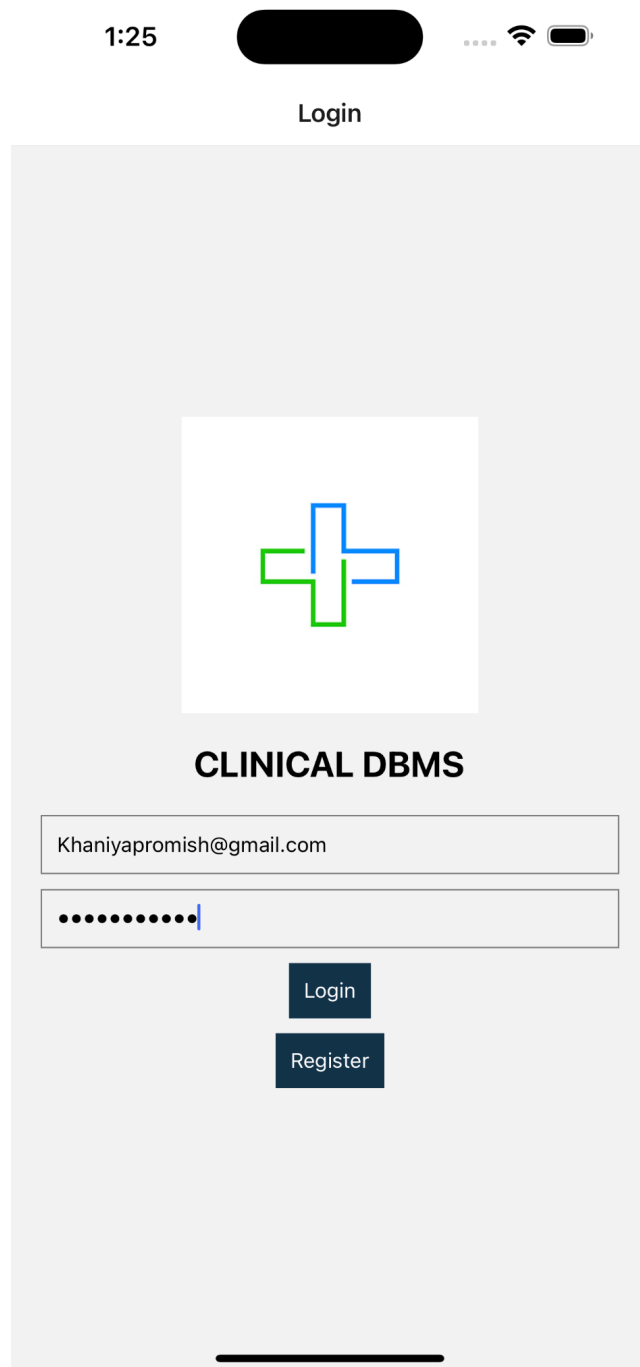Blood Pressure

Respiratory Rate
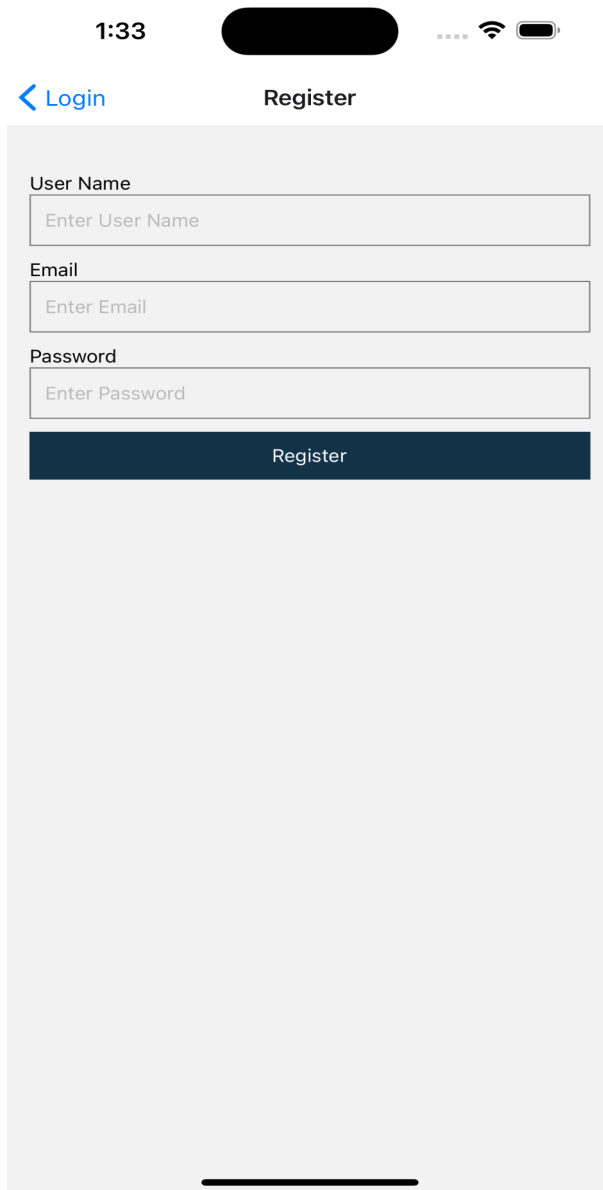
Blood Oxygen Level

Heartbeat Rate

Use case Diagram:

Clinical Data Management System

Health Care Provider

View Patient Details

«Include»

View Detailed Clinical Data

«Include»

«Include»

Find Patient in Critical Condition

Enter Clinical data

«Extend»

Notify Patient in Critical Condition

Precondition:
Health Care Provider is logged in system.

Postcondition:
Patient detail is displayed.

Precondition:
Health Care Provider is logged in system.
Health Care Provider has selected a specific patient.

Postcondition:
Detailed Clinical Data for selected patient is displayed.

Precondition:
Health Care Provider is logged in system.

Postcondition:
List of patient in critical condition is displayed.

Precondition:
Health Care Provider is logged in system.
Patient in critical condition is displayed.

Postcondition:
Patient in critical condition is notified for further check-up.

SCREENSHOTS OF THE SYSTEM

- LOGIN PAGE

- REGISTER PAGE

‹ Login   **Register**
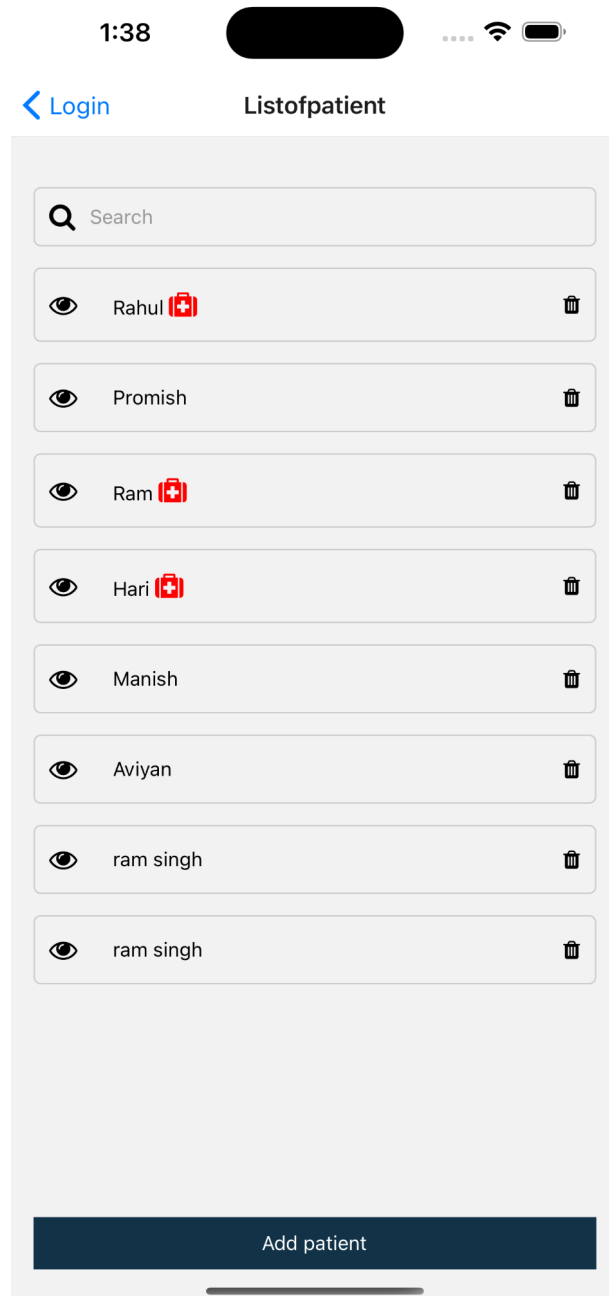
User Name

Enter User Name

Email

Enter Email

Password

Enter Password

Register

This is the login page for system where the super admin can Join by using a Username and password, He/she also can register a new account where the user can register through username or Email.

- PATIENTS LIST

‹ Login   **Listofpatient**

🔍 Search

👁 Rahul 🧰   🗑

👁 Promish   🗑

👁 Ram 🧰   🗑

👁 Hari 🧰   🗑

👁 Manish   🗑

👁 Aviyan   🗑

👁 ram singh   🗑

👁 ram singh   🗑

Add patient

In this page the super admin can view the list of patients. I.e. He/she can view the RECORDS of patients on the next page by clicking on the eye icon.Also, the red briefcase shows that the patients have critical conditions.

- ADD PATIENTS

❮ Listofpatient   **Addpatient**

First Name

Father Name

Age

Gender

Payment

Address

Phone Number

Add patient

In this page, patient information is updated if necessary, using the Add patients button.
Moreover, Super admin can have access to patient records by clicking the Patient Records
button which redirects super admin to the next page.

- Patient record

< Listofpatient   **Patientrecord**

Patient Detail
Hari
Male
4372546711

Health Records

Blood Oxygen level
80
Blood Pressure level
100
Heartbeat
80
Respiratory Rate
17

Add Record

- ADD PATIENTS RECORDS

‹ Patientrecord **AddPatientrecord**

Patient Name: Promish Khaniya
Date: 5/12/2023
Heartbeat Rate

Blood Pressure:

Respiratory Rate:

Blood Oxygen level:

| Add |

If someone needs to add records of the patients, he/she can click the add button which will redirect to the patient's record page.