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| **S.NO** | **STUDENT NAME** | **ACCESS ID** | **EMAIL ID** |
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DBMS PROJECT

READ ME

Team Members:

Technical Requirements:

Windows 10/Operating System

Java Platform-NetBeans IDE 8.0.2

MySQL command prompt

How To Run:

**Login page and Initializing DB:**

Run the jar file named “jdbcstep1” in the folder JdbcStep1/dist.

1. The program runs and opens a page containing “Initialize DB” button.
2. The program directs to a “Login” page of “Patients Like Me”.
3. Enter the “username” and “password”
4. Username= “sampledb”.
5. Password = “pass1234”.
6. If the user enters wrong username or password then a pop-up box appears with a message like “Invalid username or password”
7. Enter the given correct username and password
8. Click the “Login” button.
9. A pop-up box appears with a message “Login successful”.
10. The page is directed to next page.
11. In the second page click on the “view table” button, the database will be initialized with all tables and tuples.
12. Click on the “clear” button to clear all the patient information in the text field

**Input new patient:**

1. Fill all the information like (PATIENT\_ID, FIRST NAME, LAST NAME, AGE, GENDER, EMAIL) and then click on the “INSER” button to add new patient to the table.
2. Patient ids will be generated automatically by the system and each patient id should have 3 digits exactly.

**Search A Patient:**

You can search a patient by two ways:

* Search with Patient id:

Enter the Patient Id (eg: 100), and click on the “PAT\_ID” button which displays all the information of the patient who is having that patient id.

* Search a patient by patient id, and search a patient by an arbitrary “AND” combination of other attributes (fist name, last name, gender, age, email).

Enter the Patient Id AND combination of other attributes (fist name, last name, gender, age, email).

(eg: 100+other attribute), and click on the “PAT\_ID+OTHER” button which displays all the information of the patient who is having that patient id and any one of the other attribute.

For the second part of the project. We have done the following operations.

We have placed a button named “Tasks”, which contains all the 10 tasks which displays all the 10 queries accordingly.

1. We have done the operations of Insert/delete/update a patient (all attributes) without symptoms, conditions, and treatments.

2. In the second query we have done the operations of Insert/delete/update a symptom for a given patient. A timestamp needs to be recorded for such an event.

3. In the 3rd query we have done the operations of Insert/delete/update a condition for a given patient. A timestamp needs to be recorded for such an event.

4. We have done the operations of Insert/delete/update a treatment for a given condition. A timestamp needs to be recorded for such an event.

5. We have done the operations of Search patients that have both symptoms “cough” and “fatigue” right now.

6. We have done the operations of Search patients that have conditions “diabetes” sometime in the past but have no such conditions now.

7. We have done the operations of Given a patient X (user specified), find the patients who sent the most number of message to patient X. If there is a tie among several such patients, then list them all; otherwise, just list one. 8. Find the patients who are under treatment “physical therapy” and who have never sent out any messages．

9. We have done the operations of Find the patients who are the second oldest in the database．If there is a tie among several such patients, then list them all; otherwise, just list one.

10. We have done the operations of Find a female patient who sent a message to a patient who has the condition “diabetes” now.

**Contribution:**

We worked together and shared the work to complete the part1 of the project.

Sushma Vallamkonda (ft6732):

Coding for the few attributes of the application “NewPatientLogin”

Coding for the application “InitializeDatabase”

Coding for the application “Mysql”

Coding for five queries in the part-2.

Venugopal Reddy Modhugu (fy5894):

Coding for the few attributes of the application “NewPatientLogin”

Coding for the application “DbLogin”

ER Diagram

Coding for the five queries in the part-2.

**DataBase Connection:**

Connect to DataBase server MYSQL56:localhost/sampledb.

Enter the username as root and password as root for the connection.