

CSCI 6230 Course Project Version 1.0

--User Guide

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This is a guide of the installation of the program.

1. MySQL installation

Download and install MySQL:

<http://dev.mysql.com/downloads/installer/>

You may need to set up a password in the middle of the process.

* For Ubuntu users you can also run:

`sudo apt-get install mysql-server`

in terminal.

If you want to use NetBeans for JAVA programming, download it from here:

<http://netbeans.org/downloads/>

You may need a connector to work with MySQL (include it in “Libraries”):

<http://dev.mysql.com/downloads/connector/j/5.0.html>

2. Database setup

Open a MySQL command line client, enter password then run:

```
mysql> create database MTMS;
```

```
mysql> use MTMS
```

```
mysql> source C:/MTMS_Hui.sql
```

This puts three tables in the database: User, Patient, Test.

*For the last one, enter the address where MTMS_Hui.sql is located. Make sure it's the latest version with a user “admin” inserted.

*For Linux or Mac user, type

```
mysql -u root -p
```

in the terminal to enter sql. On Mac the default password is empty (just press enter).

*If you're already under the same folder as the sql file, use

```
mysql> source MTMS_Hui.sql
```

for the last command.

Or in the terminal, run

```
mysql -u root -p MTMS<MTMS_Hui.sql
```

if you already have a database named MTMS in MySQL.

3. JDK installation

You need JDK to run the program. Please use the latest version (1.7).

<http://www.oracle.com/technetwork/java/javase/downloads/jdk7-downloads-1880260.html>

Or on Ubuntu:

```
sudo add-apt-repository ppa:webupd8team/java
```

```
sudo apt-get update
```

```
sudo apt-get install oracle-java7-installer
```

4. Run the program


Run MTMS/dist/MTMS.jar (click it in Windows or Mac). Make sure “lib” folder is available.

On Linux, in terminal, type:

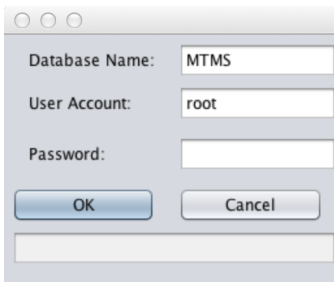
```
java -jar /MTMS/dist/MTMS.jar
```

Please make sure MySQL is running. (In Windows, right click Computer -> Manage -> Services.)

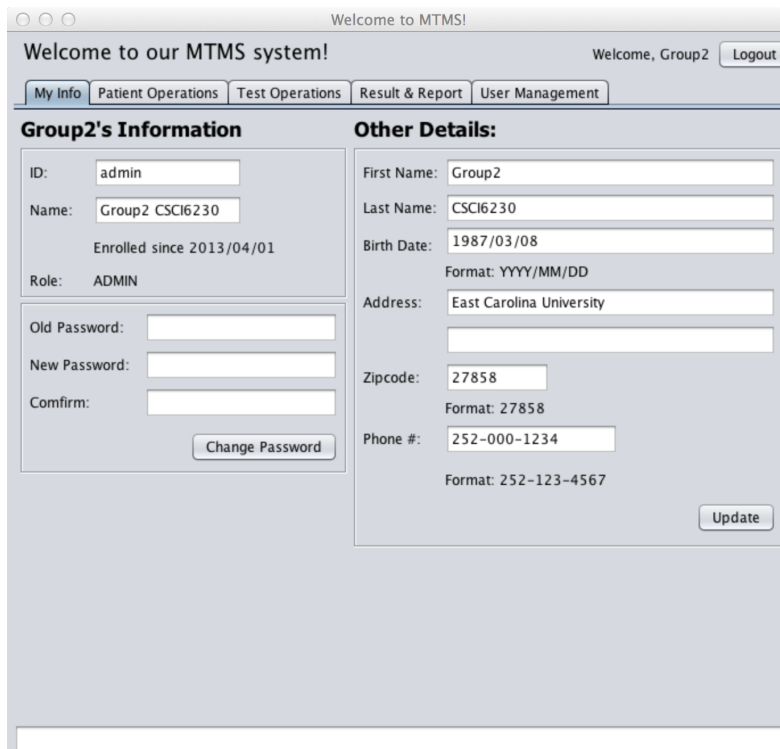
Login window:

A small window titled "MTMS Login". It has a "Login" button and a ">>" button. Below the buttons are two input fields: "ID:" and "Password:". The "ID:" field contains the text "admin" and the "Password:" field contains the text "admin".

Use “admin” as both ID and password to login. Press “Login” or enter to login. The default DB user is “root” and the default DB password is empty. Press the (“>>”) button to change them.

A small window titled "Database configuration". It has three input fields: "Database Name:" (containing "MTMS"), "User Account:" (containing "root"), and "Password:". Below the fields are "OK" and "Cancel" buttons.

The main window:

A large window titled "Welcome to MTMS!". It has a "Welcome, Group2" label and a "Logout" button. Below the label are five tabs: "My Info", "Patient Operations", "Test Operations", "Result & Report", and "User Management". The "My Info" tab is selected. It displays "Group2's Information" and "Other Details:". The "Group2's Information" section shows "ID: admin", "Name: Group2 CSCI6230", "Enrolled since 2013/04/01", and "Role: ADMIN". Below this is a "Change Password" section with "Old Password:", "New Password:", and "Confirm:" fields, and a "Change Password" button. The "Other Details:" section shows "First Name: Group2", "Last Name: CSCI6230", "Birth Date: 1987/03/08", "Address: East Carolina University", "Zipcode: 27858", and "Phone #: 252-000-1234". There is an "Update" button at the bottom right.

Use “User Management” tab to create other users for testing. If anything goes wrong, import the SQL file once again.