

# CSCI 6230 Course Project Version 1.0

## --User Guide

Hui Guo

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:

<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(by clicking it in Windows or Mac).

On linux, in terminal, type:

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

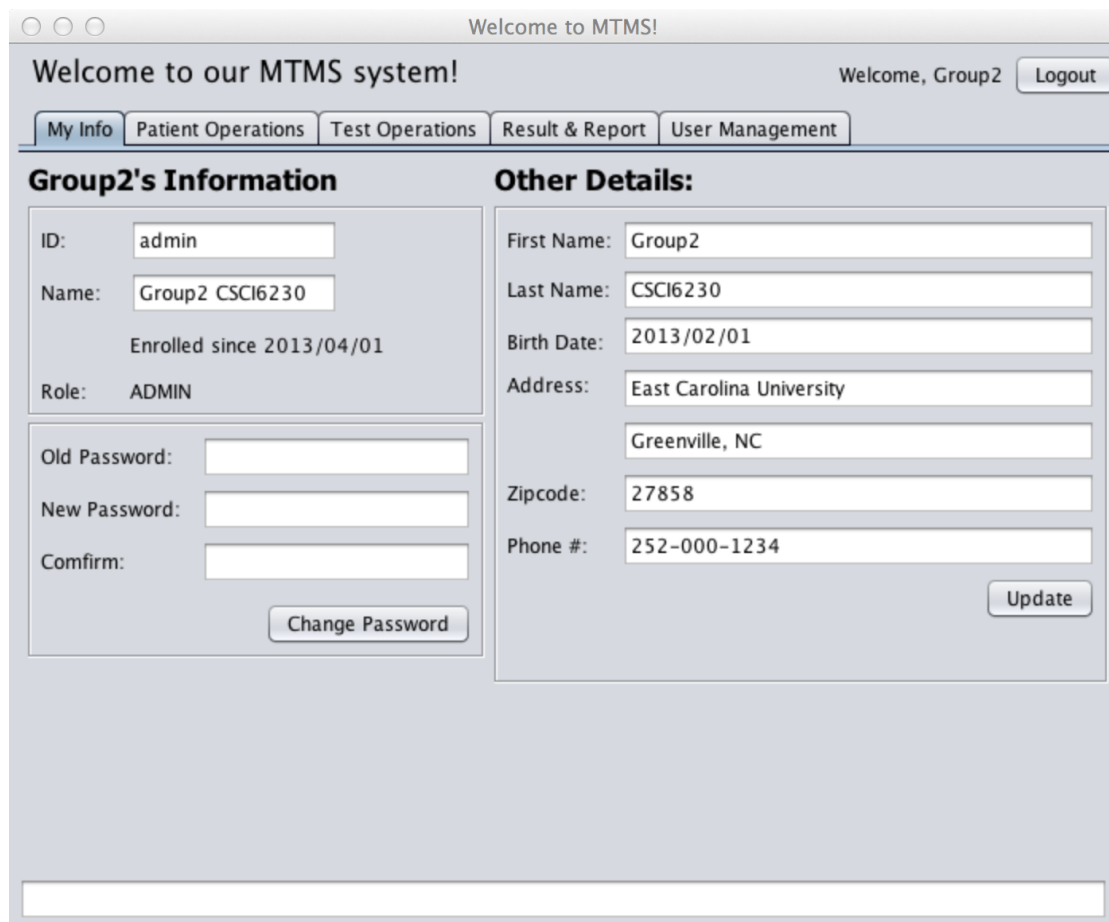
Please make sure MySQL is running.

#### Login window:

A small window titled "MTMS Login". It has a "Login" button at the top left and a ">>" button at the top right. Below these are two text input fields: "ID:" and "Password:". At the bottom are two buttons: "Login" and "Cancel".

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

#### The main window:

A large window titled "Welcome to MTMS!". It has a header bar with "Welcome to our MTMS system!" on the left, "Welcome, Group2" and a "Logout" button on the right. Below the header is a tabbed interface with tabs: "My Info", "Patient Operations", "Test Operations", "Result & Report", and "User Management". The "My Info" tab is selected. It contains two main sections: "Group2's Information" and "Other Details:". "Group2's Information" includes fields for "ID:" (admin), "Name:" (Group2 CSCI6230), "Enrolled since 2013/04/01", and "Role:" (ADMIN). Below these are fields for "Old Password:", "New Password:", and "Comfirm:" with a "Change Password" button. "Other Details:" includes fields for "First Name:" (Group2), "Last Name:" (CSCI6230), "Birth Date:" (2013/02/01), "Address:" (East Carolina University, Greenville, NC), "Zipcode:" (27858), and "Phone #:" (252-000-1234) with an "Update" button. At the bottom is a large empty text area.

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