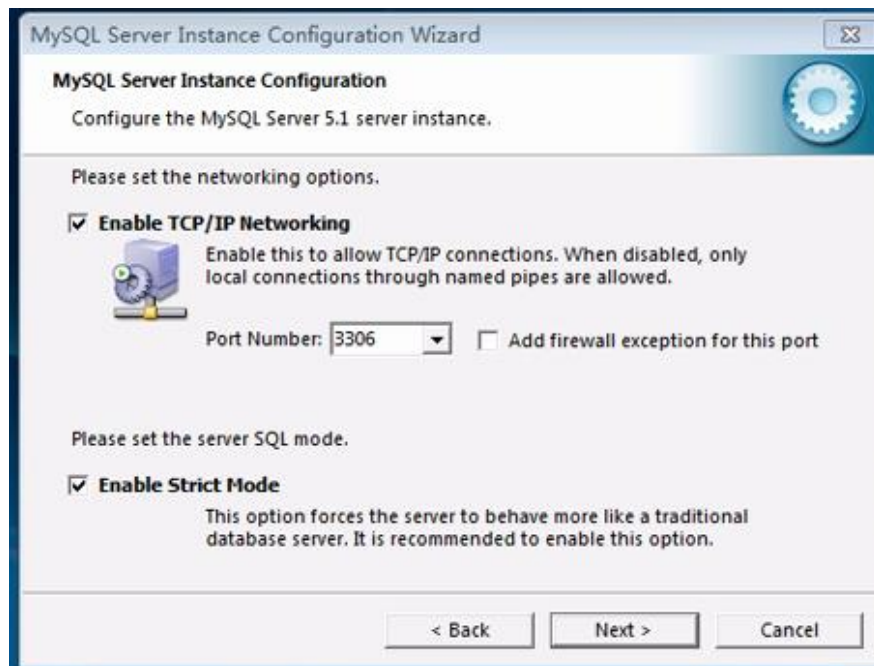# README

for Syracuse Hospital Management System

by Ziqi Wang, Xiaojun Zhang, Yufei Fang, Yue Zhao,

Chenyang Du, Huiyuan Li, Hanyi Li, Haiyang Zhang

Development Environment Setup

Java SDK 8 Update 171
MyEclipse 10.0
MySQL Server 5.1
MySQL Workbench 6.2
Apache Tomcat 9.0

MySQL Server Configuration

After installing MySQL Server, configure it as follow:

Set Port Number to 3306.

Add support for Multilingualism.

Add Bin to PATH.

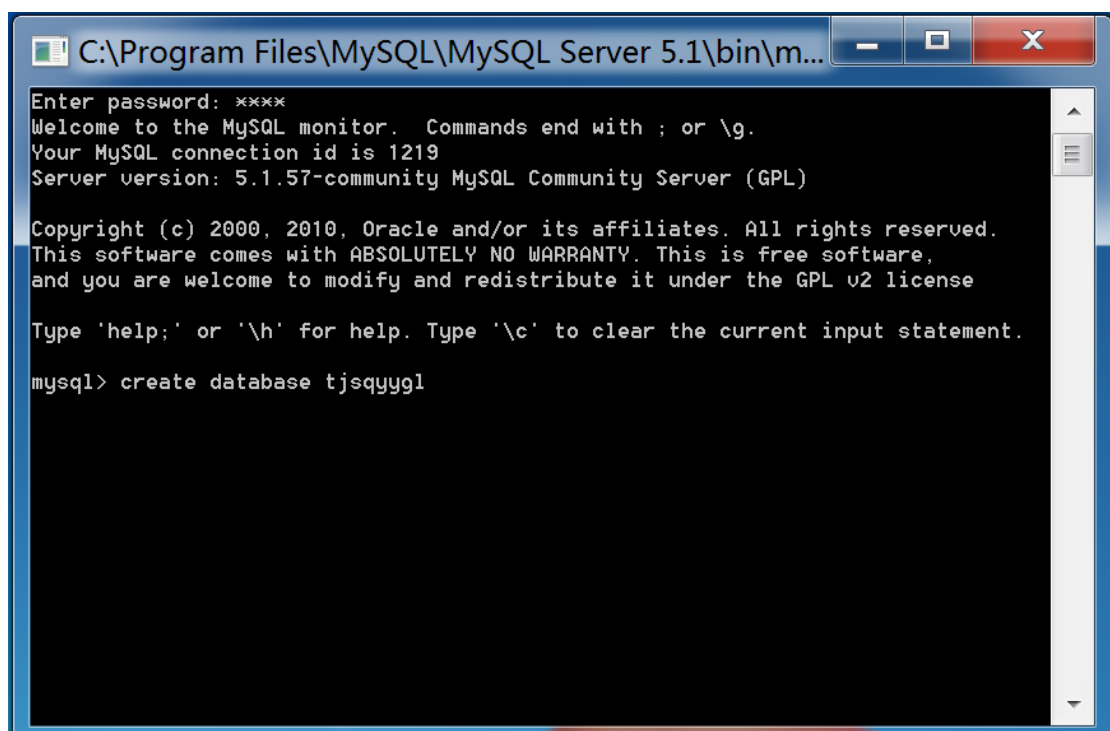Recommend "root" as the password, type it in two input fields.

Click "Execute" to finish configuration.

Database Initialization
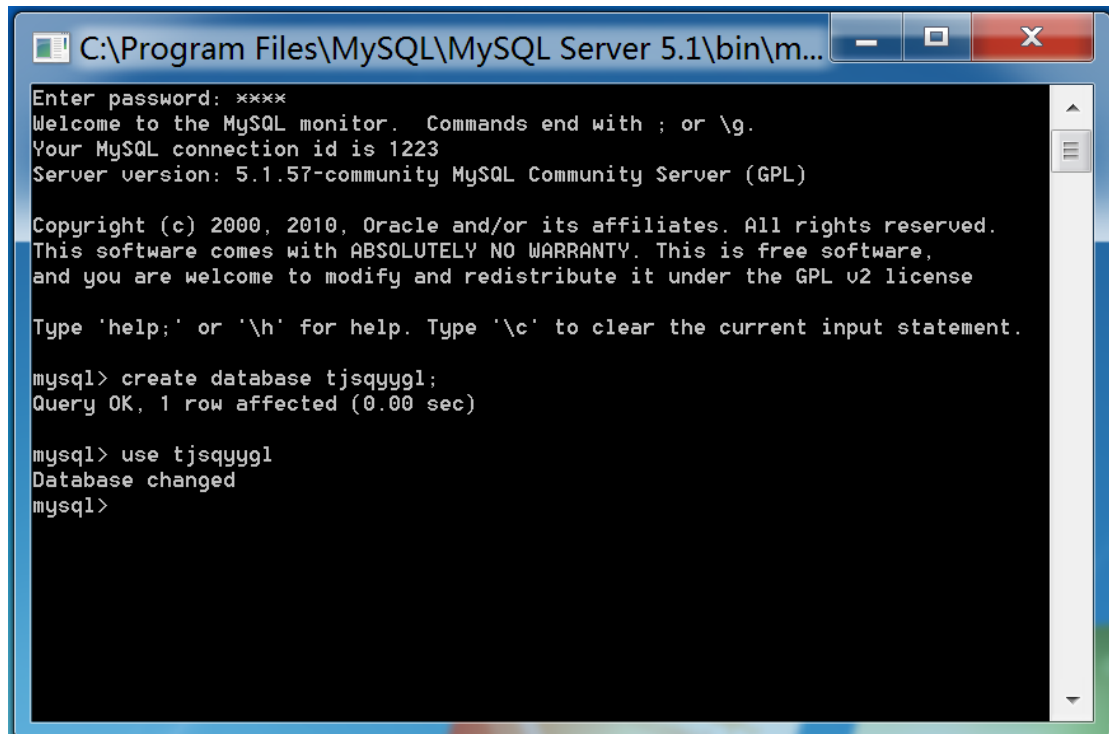
Open MySQL Command Line Client.
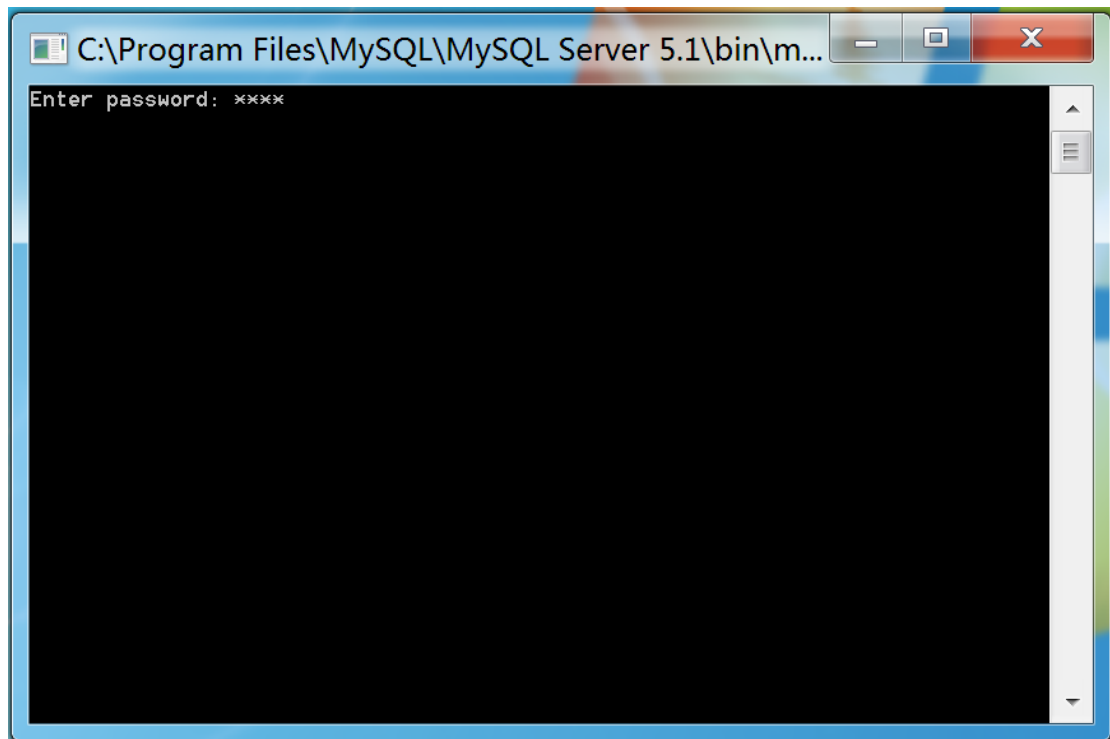
Input root password ("root").

Input "create database tjsqyygl;".

Input "use tjsqyygl"

Input "source [full pathname of SyracuseHospital.sql]"

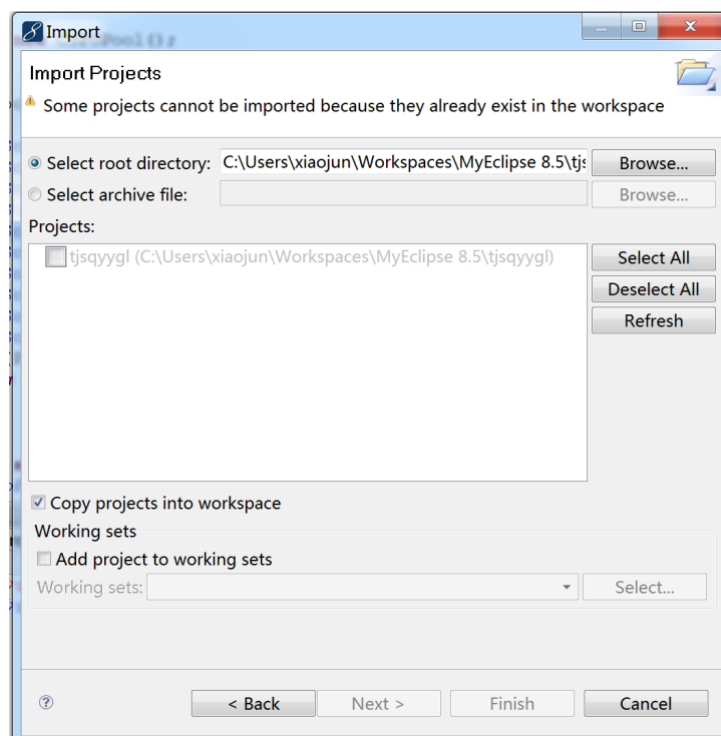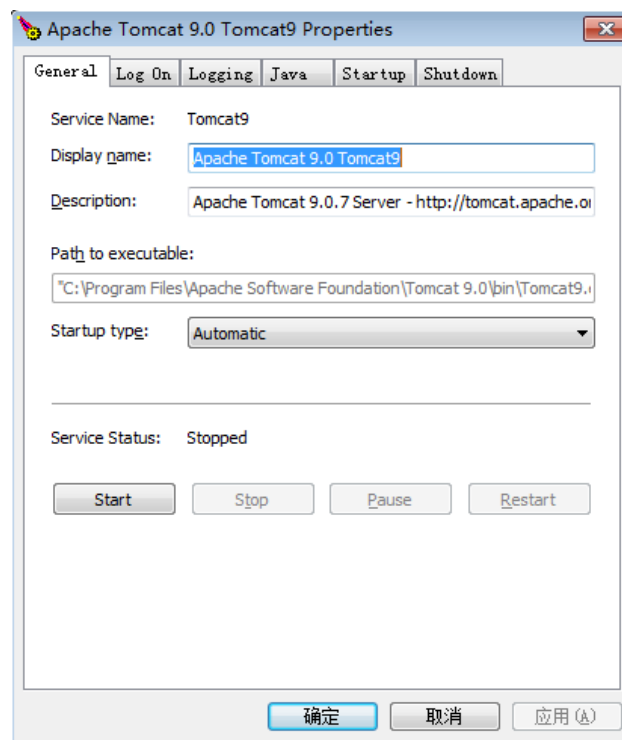Import SQL into MySQL database
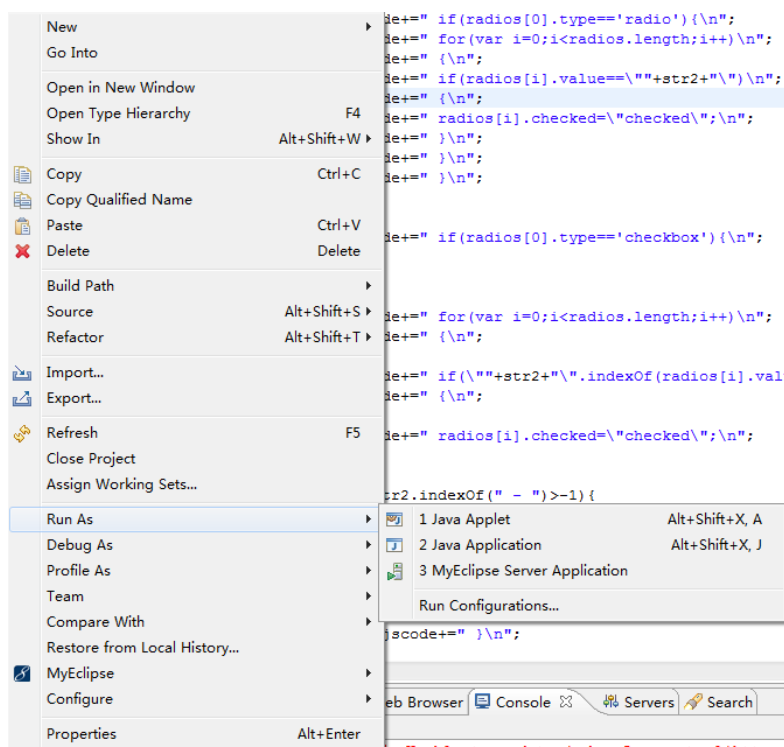
Import Project into MyEclipse
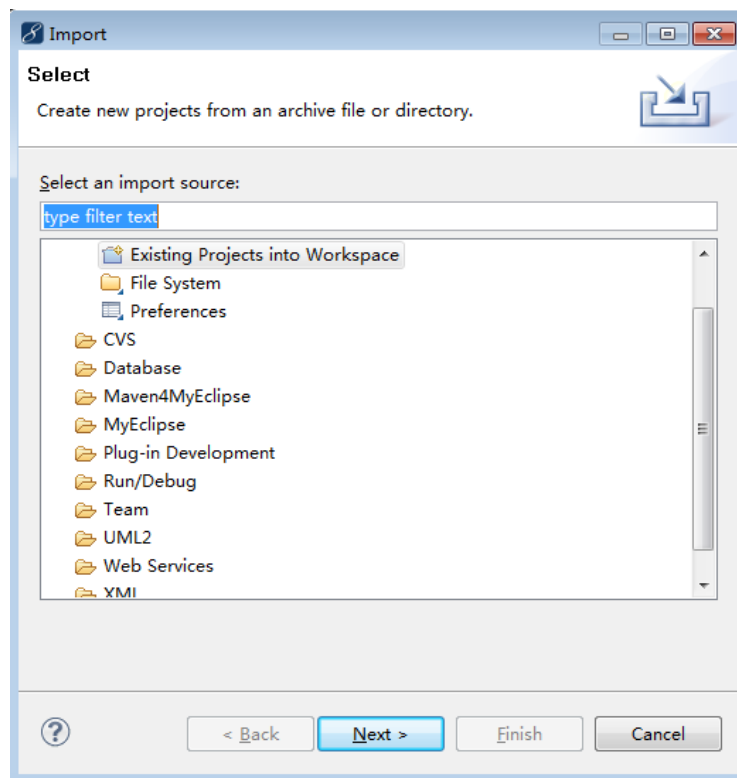
Use "Import--Existing Projects into Workspace" to import the project into MyEclipse.

Select the root directory of this project. Click "Finish".

Open tomcat but make sure that the status is stopped. Click "stop" if the status is started.
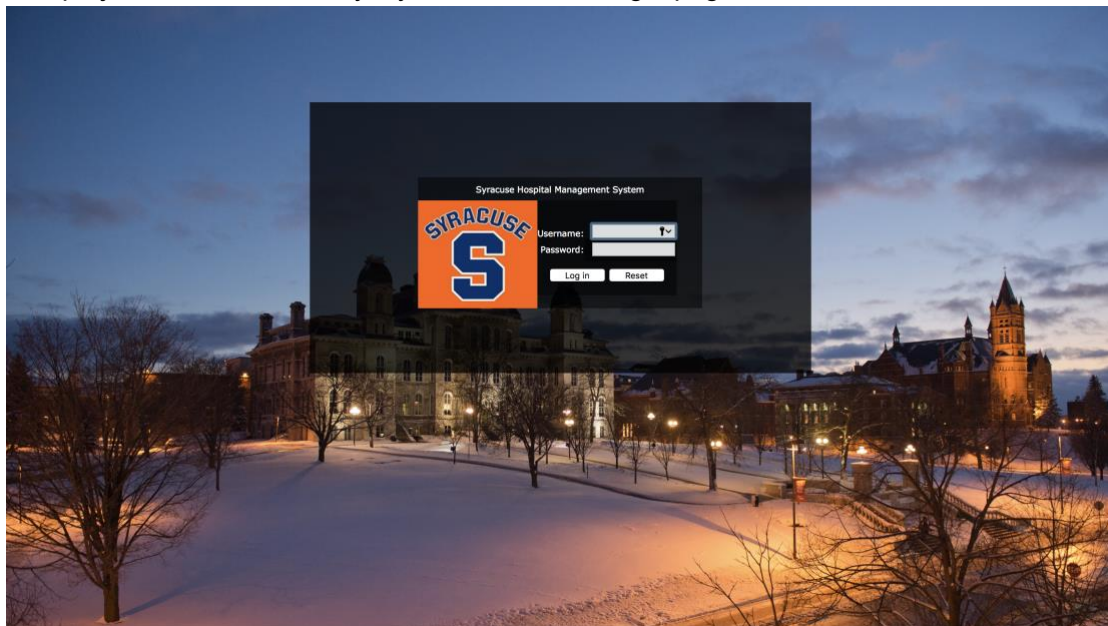

Right click your project your project and run it as MyEclipse Server Application

How to use our website

Login Page

The project runs successfully if you can see this login page:

Introduction to User modes

There are 4 kinds of user in our system:

- administrator,
- doctor,
- receptionist and
- warehouse keeper.

You can use different username and password to log in as different user mode.

Administrator mode

Log in by using "admin" as user name and "123456" as password, you can manage employees in your system, such as search a specific user or add a new user in the system.

The Administrator can also view the logging table which records every action of employee.

Receptionist mode

Log in by using "C001" as user name and "123456" as password, you can make an appointment for a patient, or pricing and charging a patient after doctor has done the test and prescribe the medicine for her/him.

Also you can view the prescription history to check if the patient has already taken their medicine.

Doctor mode

Log in by using "D001" as user name and "123456" as password, you can edit patient's health history and save it in the system, next doctor who diagnose this patient next time can see the previous health history to learn better about the patient.

Also you can edit a prescription for a patient and warehouse will receive this automatically, after the patient paid, they can pick up the medicine by themselves.

Warehouse keeper mode

Log in by using "K001" as user name and "123456" as password, you can edit medicine's information, such as name, price, and adaptation disease.

By clicking "warehouse information", you can check the number and type of medicine in the warehouse, the system will automatically change the number after some doctor prescribe medicine, also you can edit the number by yourself if warehouse restock.

You can also check some history about medicine in "Medicine summary" part, such as total amount of a medicine has been sold.