

README

for Syracuse Hospital Management System

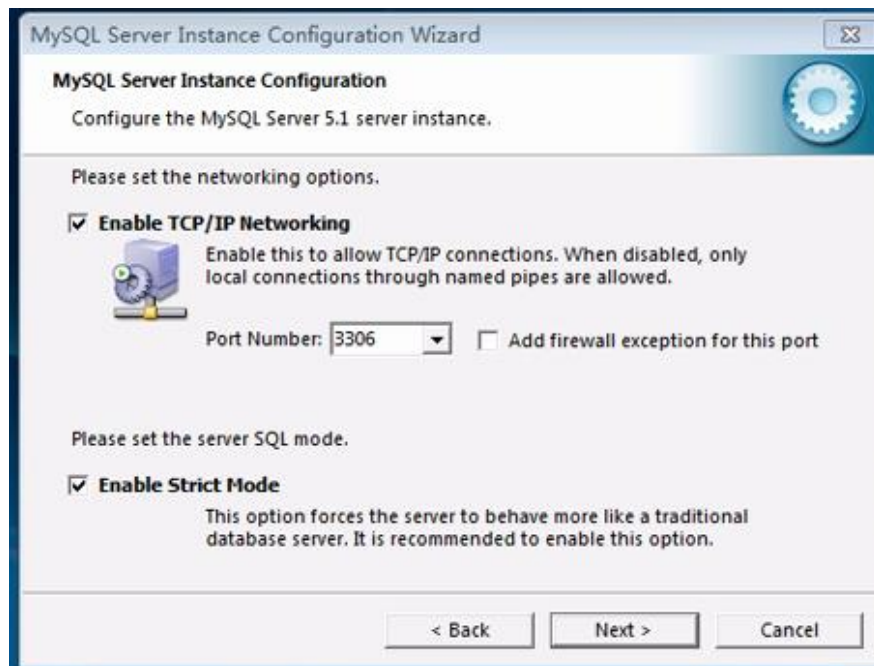
*by Ziqi Wang, Xiaojun Zhang, Yufei Fang, Yue Zhao,
Chenyang Du, Huiyuan Li, Hanyi Li, Haiyang Zhang*

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.

MySQL Server Instance Configuration Wizard

MySQL Server Instance Configuration
Configure the MySQL Server 5.1 server instance.

Please set the security options.

☒ **Modify Security Settings**

 New root password: Enter the root password.

Confirm: Retype the password.

☐ Enable root access from remote machines

☐ Create An Anonymous Account

 This option will create an anonymous account on this server.
Please note that this can lead to an insecure system.

< Back Next > Cancel

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

MySQL Server Instance Configuration Wizard

MySQL Server Instance Configuration
Configure the MySQL Server 5.1 server instance.

Ready to execute ...

☐ Prepare configuration
☐ Write configuration file
☐ Start service
☐ Apply security settings

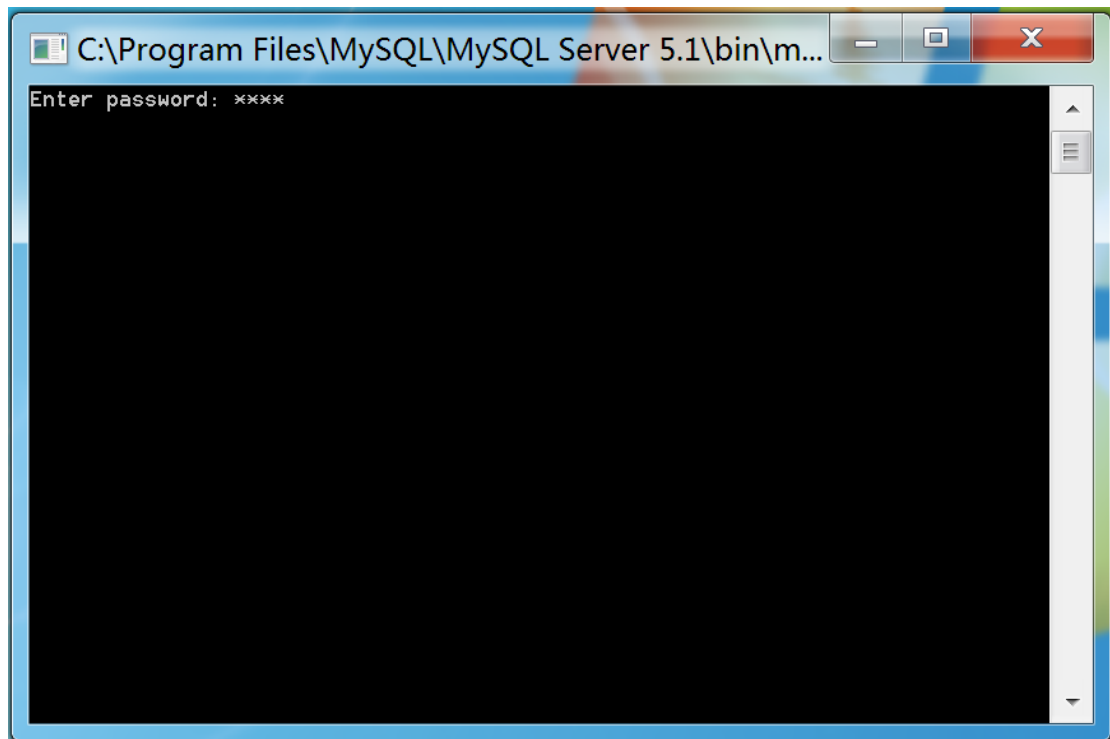
Please press [Execute] to start the configuration.

< Back Execute Cancel

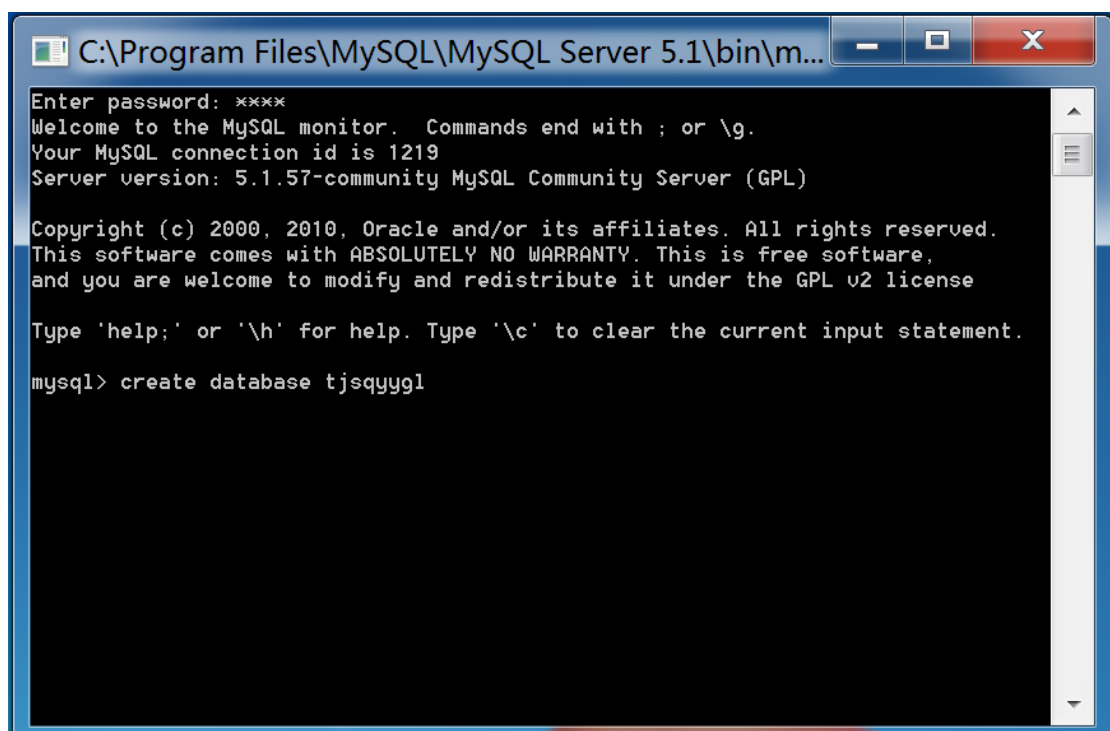
Click "Execute" to finish configuration.

Database Initialization

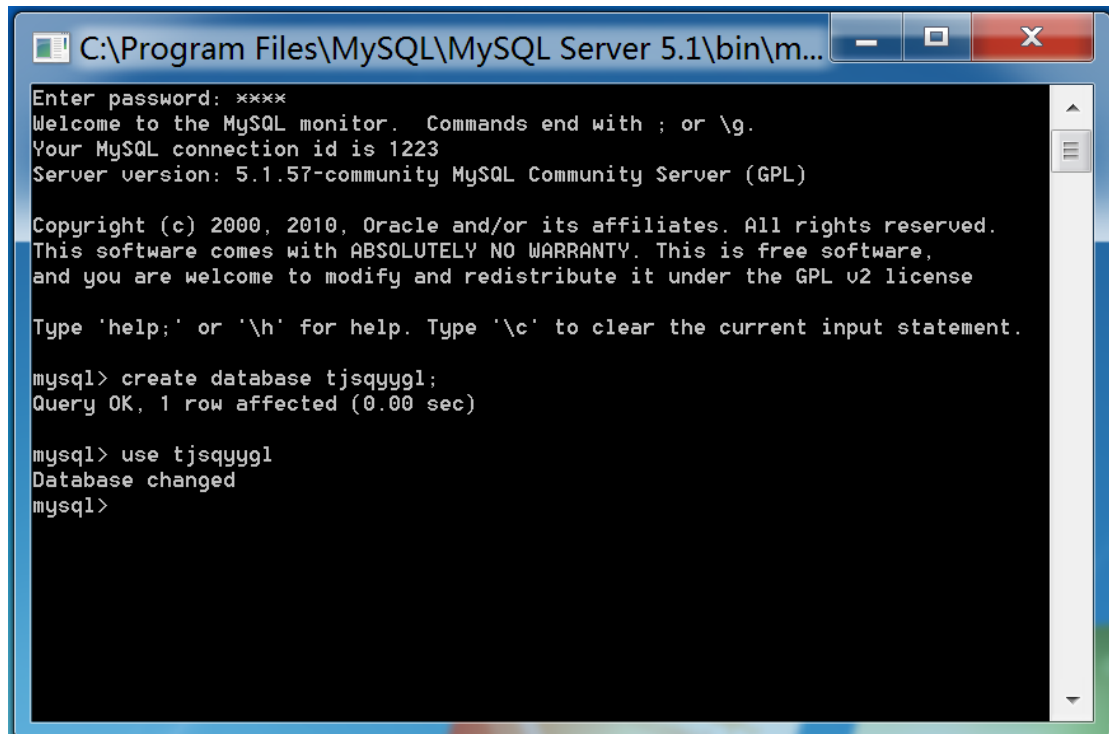
Open MySQL Command Line Client.



Input root password ("root").



Input "create database tjsqyygl;"



A screenshot of a Windows command prompt window titled "C:\Program Files\MySQL\MySQL Server 5.1\bin\m...". The window has standard Windows window controls (minimize, maximize, close). The text inside the window is as follows:

```
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 1223
Server version: 5.1.57-community MySQL Community Server (GPL)

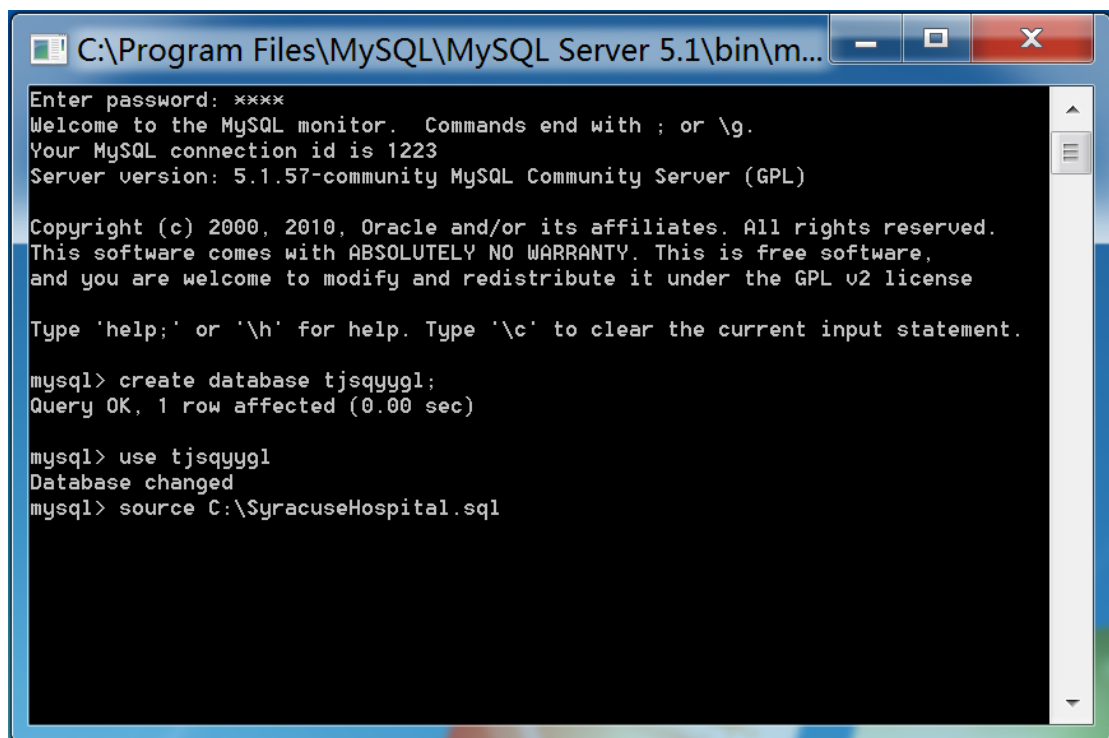
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and you are welcome to modify and redistribute it under the GPL v2 license

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database tjsqyygl;
Query OK, 1 row affected (0.00 sec)

mysql> use tjsqyygl
Database changed
mysql>
```

Input "use tjsqyygl"



A screenshot of a Windows command prompt window titled "C:\Program Files\MySQL\MySQL Server 5.1\bin\m...". The window has standard Windows window controls (minimize, maximize, close). The text inside the window is as follows:

```
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 1223
Server version: 5.1.57-community MySQL Community Server (GPL)

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

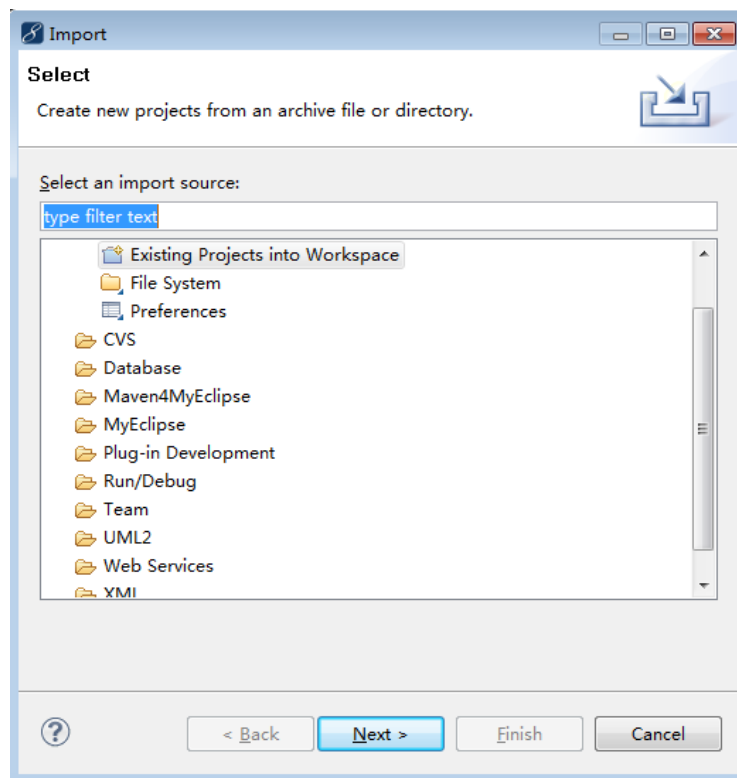
mysql> create database tjsqyygl;
Query OK, 1 row affected (0.00 sec)

mysql> use tjsqyygl
Database changed
mysql> source C:\SyracuseHospital.sql
```

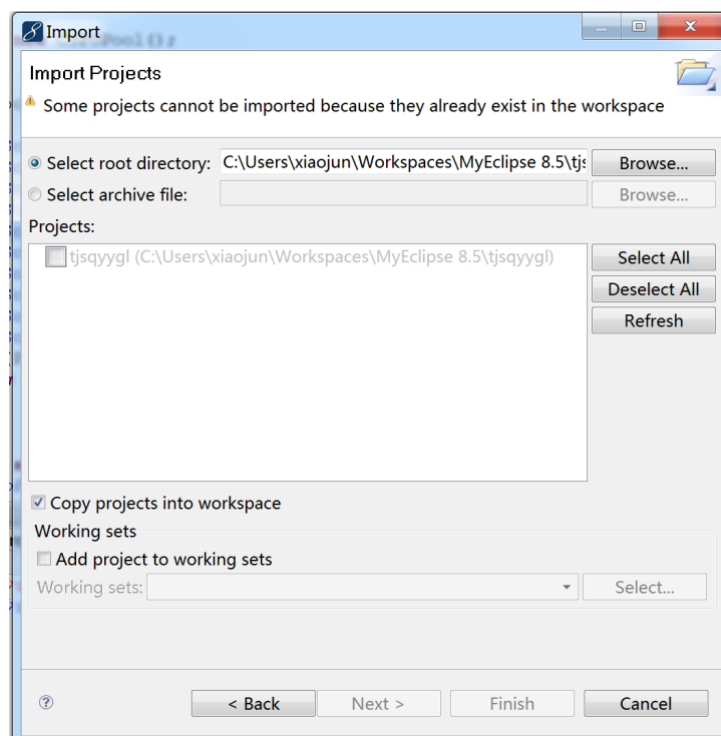
Input "source [full pathname of SyracuseHospital.sql]"

Import SQL into MySQL database

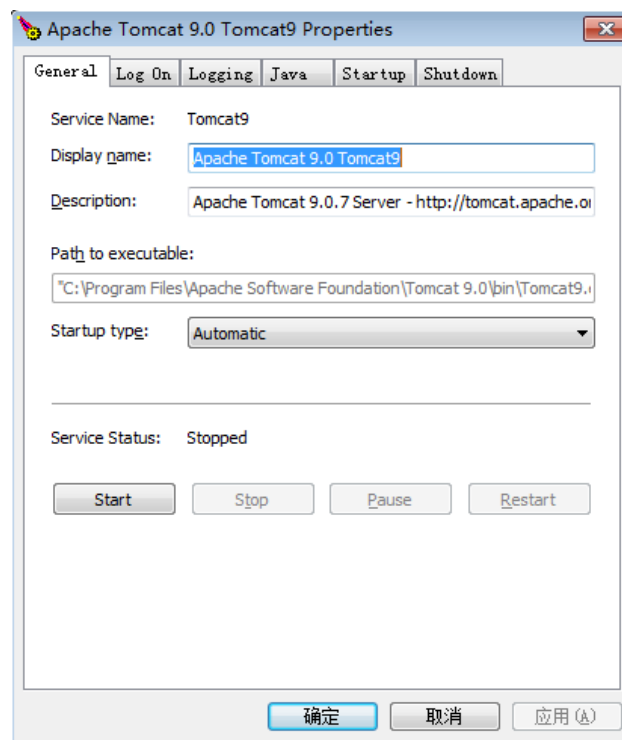
Import Project into MyEclipse



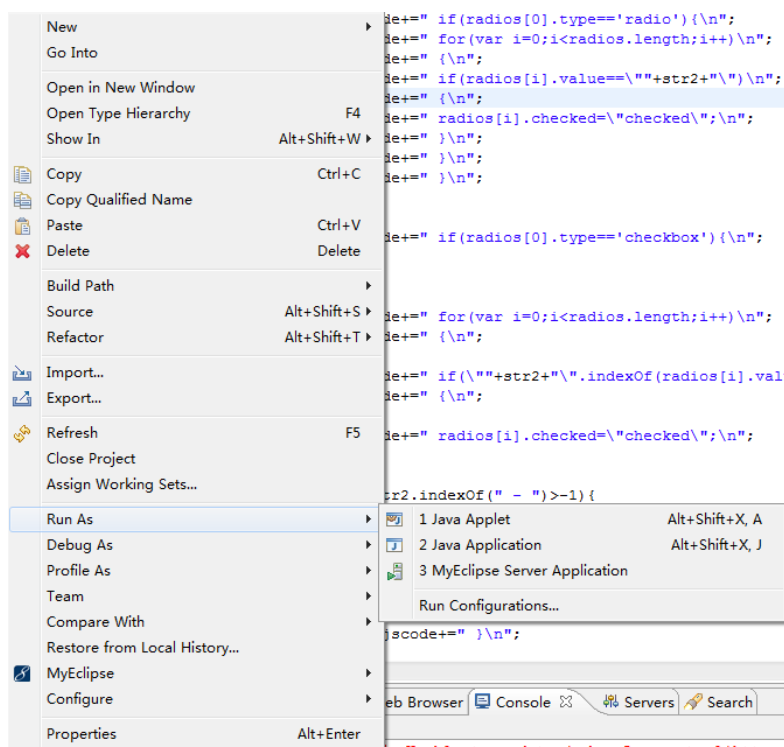
Use “Import--Existing Projects into Workspace” to import the project into MyEclipse.



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.

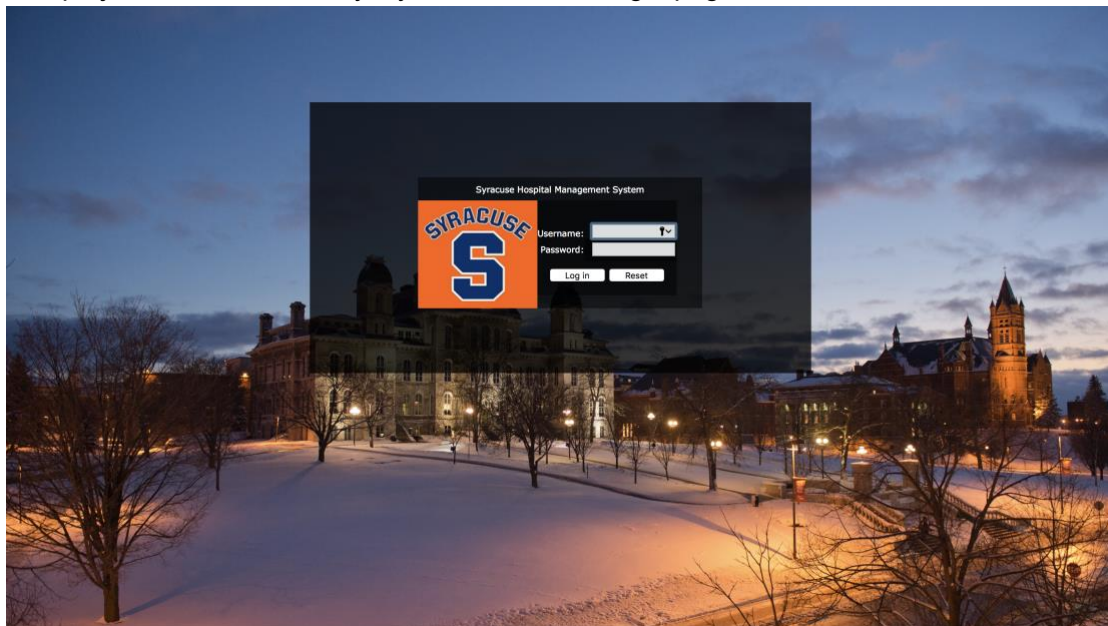


Right click your project your project and run it as MyEclipse Server Application

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.

Syracuse Hospital Management System

Username: admin | User type: Administrator | Log out

Current page: User management > Employee management

Username: Full Add Information

Username	Password	User type
C002	123456	Reception
doctor	123456	Doctor
test	123456	Doctor
C001	123456	Reception
D001	123456	Doctor

Full Add Information

Username: SyracuseKing

Password: *****

User type: ☒ Doctor ☐ Warehouse Keeper ☐ Reception

Full name: Xiaojun Zhang

Gender: ☒ Male ☐ Female

Phone: 3159286666

Email: xzhang09@syr.edu

Address: Nob Hill Apts

Photo:

Submit Back

Address	Action
hospital	Update Delete
hanghai	Update Delete
1231231	Update Delete
anzhen	Update Delete
linan Friendship	Update Delete

Syracuse Hospital Management System

Username: C001 | User type: Reception | Log out

Reception Management

Patient making appointment

Prescription pricing

Prescription charging

Prescription taking

Update information

Update password

Current page: Reception Management > Prescription pricing

Health history no.

201805010001

Medicine information

☒ Aminophenazone - Unit price:15 - Quantity:1

☒ Aspirin - Unit price:35 - Quantity:2

Total : 85

Submit

Back

Syracuse Hospital Management System

Username: C001 | User type: Reception | Log out

Reception Management

Patient making appointment

Prescription pricing

Prescription charging

Prescription taking

Update information

Update password

Current page: Reception Management > Prescription charging

Health history no. :

Search

Health history no.	Medicine information	Total price	State	Action
201805010001	Aminophenazone - Unit price:15 - Quantity:1 ~ Aspirin - Unit price:35 - Quantity:2	85	Med is priced	Pay the Bill

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

Syracuse Hospital Management System

Username: C001 | User type: Reception | Log out

Reception Management

Patient making appointment

Prescription pricing

Prescription charging

Prescription taking

Update information

Update password

Current page: Reception Management > Prescription taking

Health history no. :

Search

Health history no.	Medicine information	Total price	State	Action
201805010001	Aminophenazone - Unit price:15 - Quantity:1 ~ Aspirin - Unit price:35 - Quantity:2	85	Medicine is paid	Take medicine
20180925201400	WhiteAndBlack - Unit Price:10 - Qty:1	10	Medicine is taken	Take medicine
20180925190300	Ibuprofen - Unit Price:36 - Qty:1	36	Medicine is taken	Take medicine
201512271820000001	Qingkailing - Unit Price:11 - Qty:2 ~ Qingkailing - Unit Price:11 - Qty:4	66	Medicine is taken	Take medicine
201304131639550007	Aminophenazone - Unit Price:15 - Qty:1 ~ Qingkailing - Unit Price:11 - Qty:2	37	Medicine is taken	Take medicine

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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.

Syracuse Hospital Management System Username: D001 | User type: Doctor | Log out

Doctor homepage

- Edit health history
- View health history
- Edit prescription
- Update information
- Update password

Current page: Doctor homepage > Edit health history

Health history no.	201805010001																																																	
Department	Cardiology																																																	
Member or not	Yes																																																	
Patient full name	Xiaojun Zhang																																																	
SSN	1234567890																																																	
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female																																																	
birthday	1990-04-04																																																	
past medical history	<div>◀ Apr 1990 ▶</div> <table><tr><td>Sun</td><td>Mon</td><td>Tue</td><td>Wed</td><td>Thu</td><td>Fri</td><td>Sat</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr><tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr><tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr><tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr><tr><td>29</td><td>30</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr></table> <div>Clear Today OK</div>	Sun	Mon	Tue	Wed	Thu	Fri	Sat	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12
Sun	Mon	Tue	Wed	Thu	Fri	Sat																																												
1	2	3	4	5	6	7																																												
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15	16	17	18	19	20	21																																												
22	23	24	25	26	27	28																																												
29	30	1	2	3	4	5																																												
6	7	8	9	10	11	12																																												
Symptom																																																		
Diagnosis																																																		

Submit Back

Syracuse Hospital Management System Username: D001 | User type: Doctor | Log out

Doctor homepage

- Edit health history
- View health history
- Edit prescription
- Update information
- Update password

Current page: Doctor homepage > View health history

Health history no.	201805010001
Department	Cardiology
Member or not	Yes
Patient full name	Xiaojun Zhang
SSN	1234567890
Gender	Male
birthday	1990-04-04
past medical history	Heart attack
Symptom	Dizzy
Diagnosis	Heart disease
doctor	D001

Back

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.

Syracuse Hospital Management System Username: D001 | User type: Doctor | Log out

Doctor homepage

- Edit health history
- View health history
- Edit prescription
- Update information
- Update password

Current page: Doctor homepage > Edit prescription

Health history :

Health history	Medicine Name	Quantity	Action
20160925201400	Qingkailing - Unit price:11	1	Update Delete
20160925190300	Aspirin - Unit price:35	1	Update Delete
201512271820000001	WhiteAndBlack - Unit price:10	1	Update Delete
201512271820000001	Ibuprofen - Unit price:36	1	Update Delete
	Qingkailing - Unit Price:11	2	Update Delete

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Add Information

Health history no.

201805010001

Medicine Name

✓ Either
Qingkailing - Unit price:11
Aspirin - Unit price:35
WhiteAndBlack - Unit price:10
Ibuprofen - Unit price:36

Quantity

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.

Syracuse Hospital Management System Username: K001 | User type: Warehouse Keeper | Log out

- Warehouse management
 - Medicine basic information
 - Warehouse information
 - Medicine summary
 - Update information
 - Update password

Current page: Warehouse management > Medicine basic information

Medicine name :

Medicine name	Factory	Adaptation disease	Unit price	Member deal	Member price	Action
Ibuprofen	Yangtze		38	Yes	36	Update Delete
WhiteAndBlack	HarbinMed		12	Yes	10	Update Delete
Aspirin	HarbinMed	fever, pain	35	No	35	Update Delete
Aminophenazone	Wahaha	Colds, fever, headache	20	Yes	15	Update Delete
Qingkailing	HarbinMed		12	Yes	11	Update Delete

Add Information

Medicine name:

Factory:

Adaptation disease:

Contraindications:

Unit price:

Member deal: ☒ Yes ☐ No

Member price:

Instruction:

Related picture:

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.

Syracuse Hospital Management System Username: K001 | User type: Warehouse Keeper | Log out

- Warehouse management
 - Medicine basic information
 - Warehouse information
 - Medicine summary
 - Update information
 - Update password

Current page: Warehouse management > Warehouse information

Medicine : Storage date:

Medicine	Storage date	Quantity	Storage number	Total price	Action
Ibuprofen	2016-09-25	10	123	380	Update Delete
WhiteAndBlack					Update Delete
Aspirin					Update Delete
Aminophenazone					Update Delete
Qingkailing					Update Delete

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

Syracuse Hospital Management System Username: K001 | User type: Warehouse Keeper | Log out

- Warehouse management
 - Medicine basic information
 - Warehouse information
 - Medicine summary
 - Update information
 - Update password

Current page: Warehouse management > Medicine summary

Medicine name :

Medicine name	Unit price	Member deal	Member price	Incoming Storage	Total value	Current inventory	Total sales
Ibuprofen	38	Yes	36	10	380	9	36
WhiteAndBlack	12	Yes	10	100	1200	99	10
Aspirin	35	No	35	30	600	28	0
Aminophenazone	20	Yes	15	100	2000	99	0
Qingkailing	12	Yes	11	32	1000	26	66

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