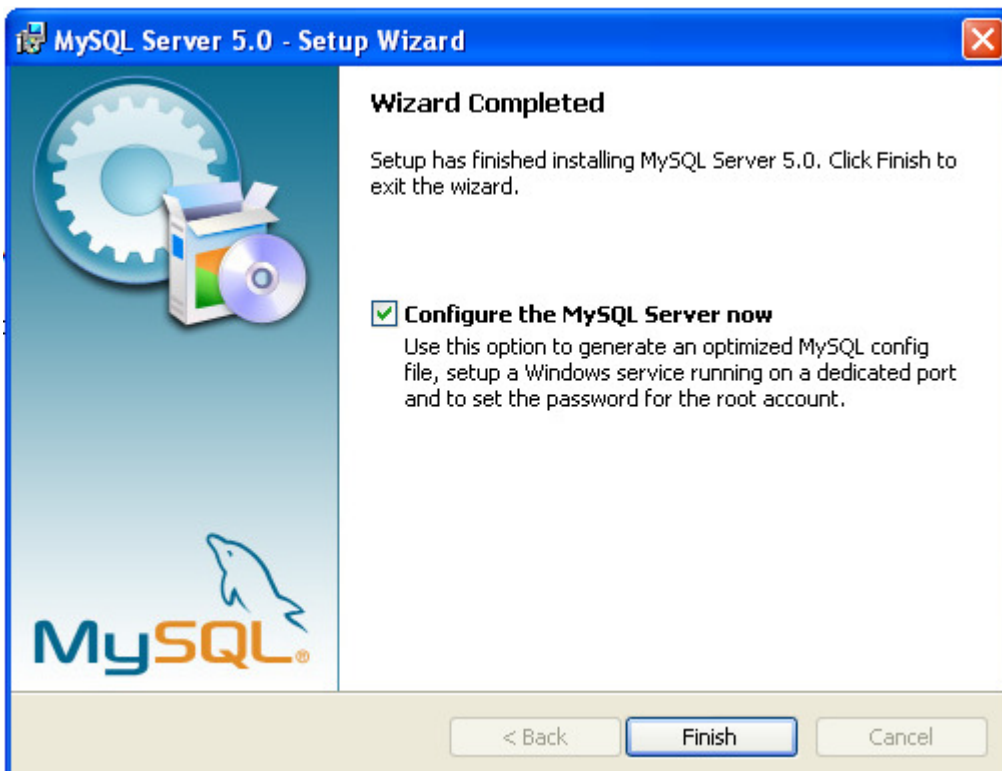


Installation guide to BiotagOfficeSWv0.4

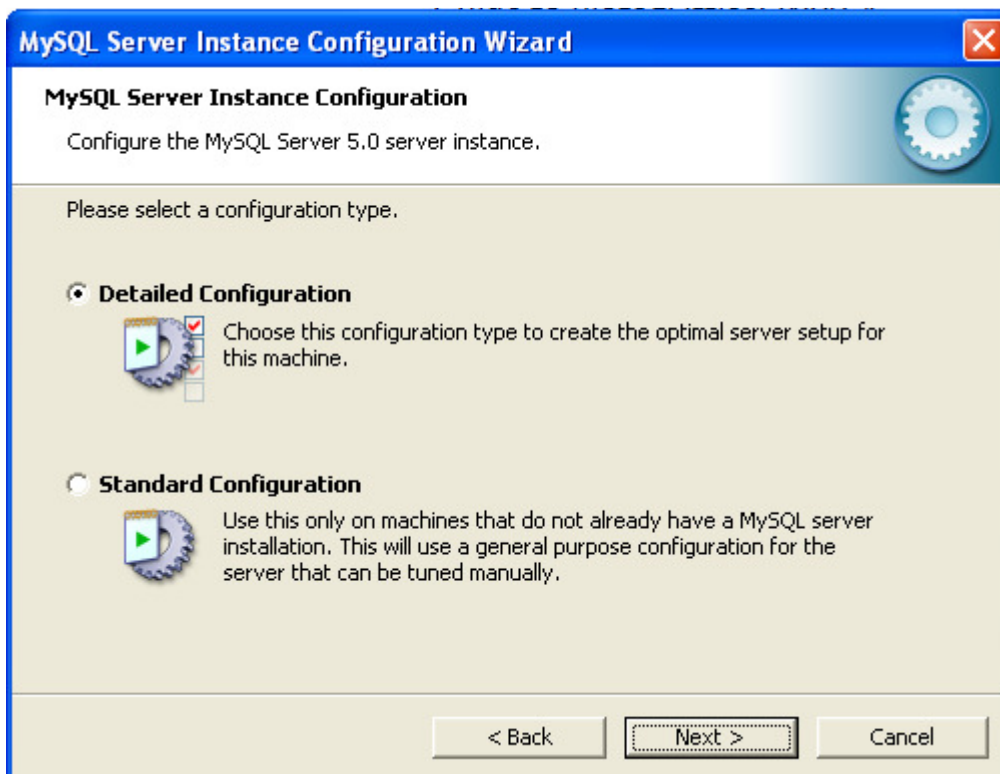
To install Mysql run "Setup.EXE"

Install MySQL using Typical installation.

Next step is to config MySQL

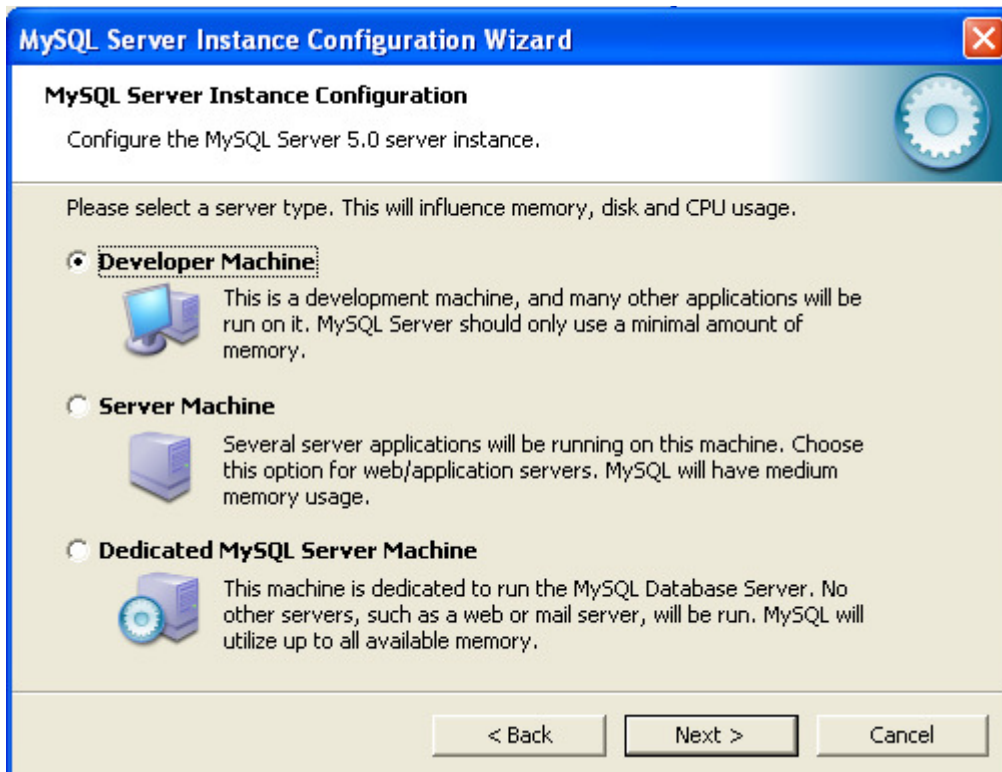


Next.



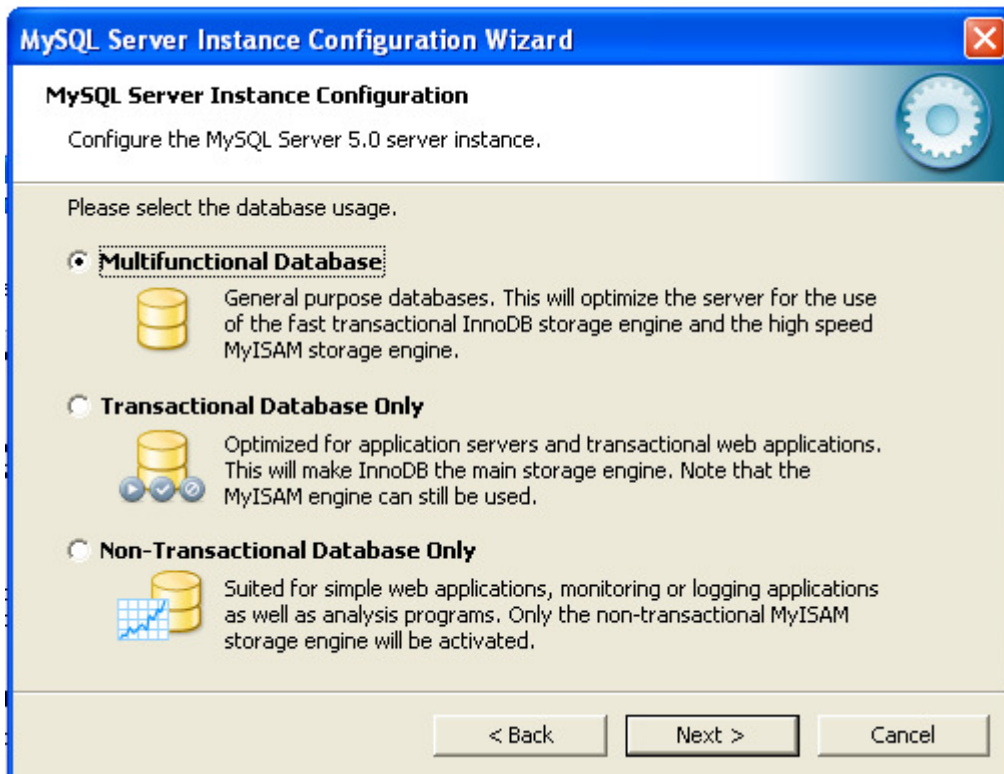
Select "Detailed Configuration"

Next.



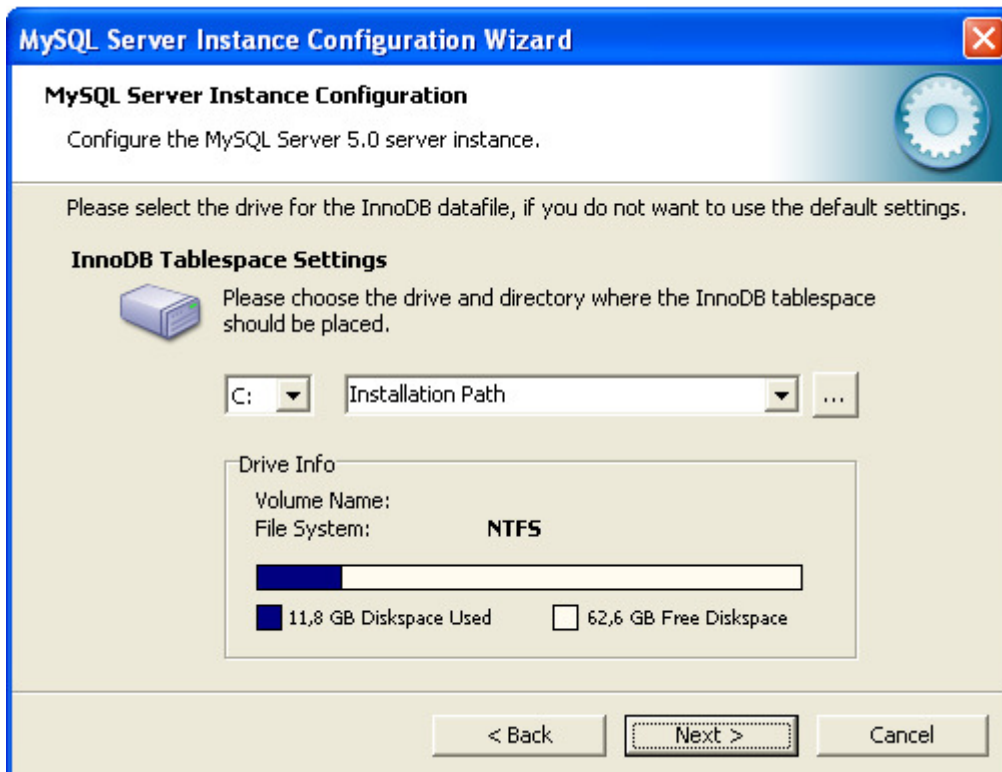
Select "Developer Machine"

Next.



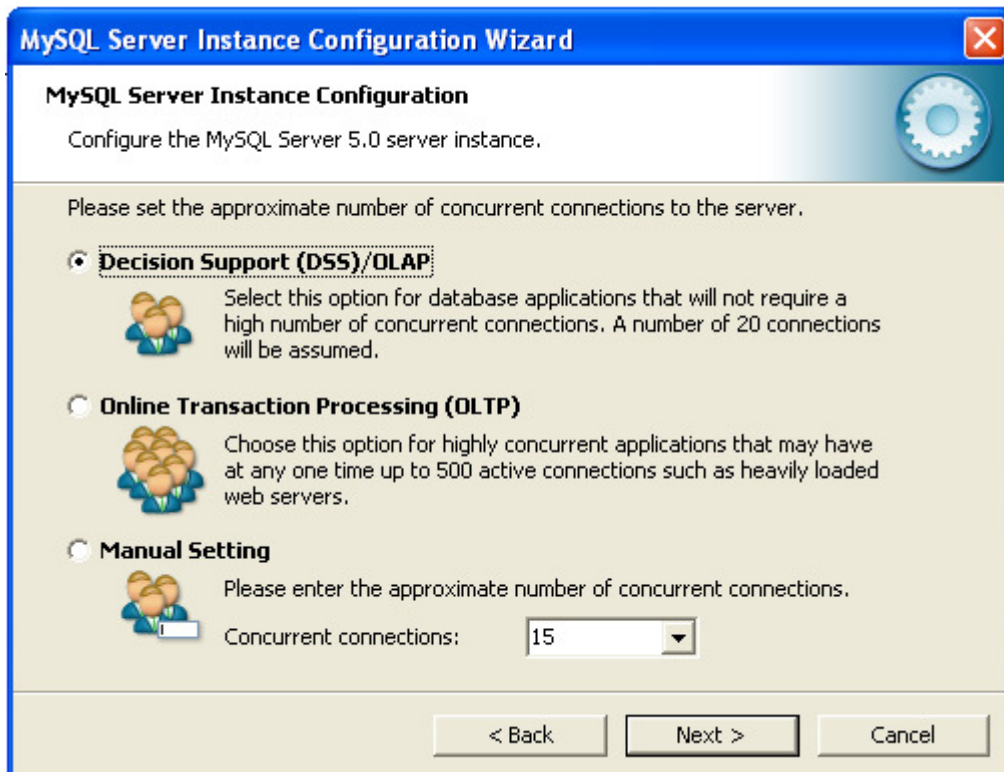
Select “Multifunctional Database”

Next.



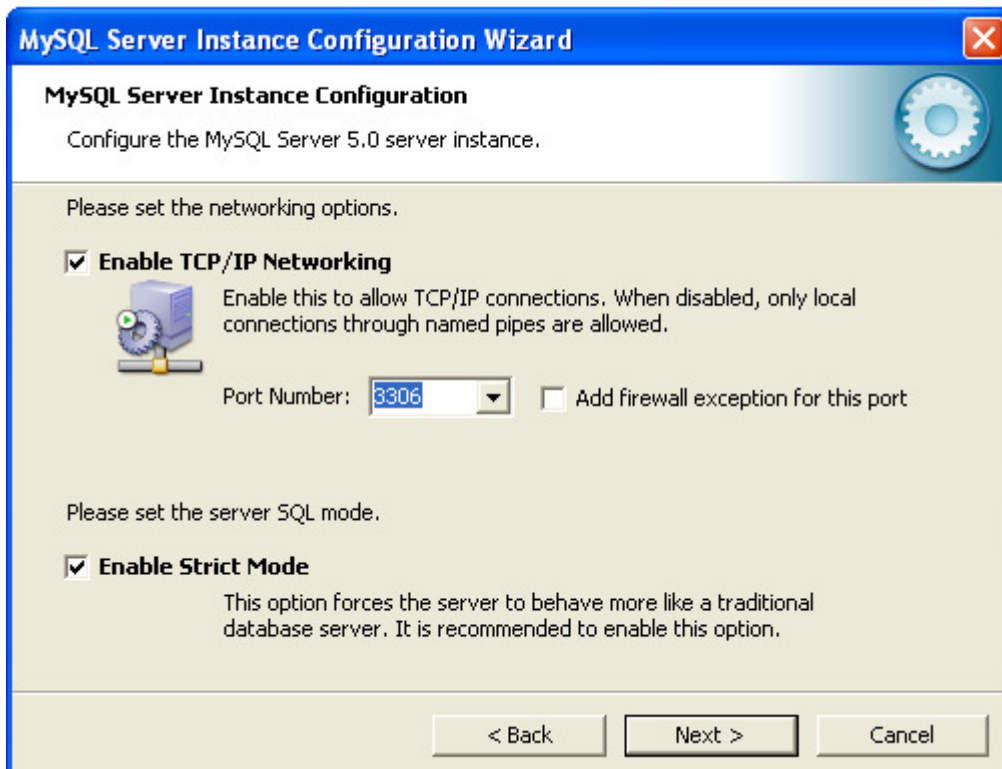
Select Installation Path or leave it at default(as shown above).

Next.



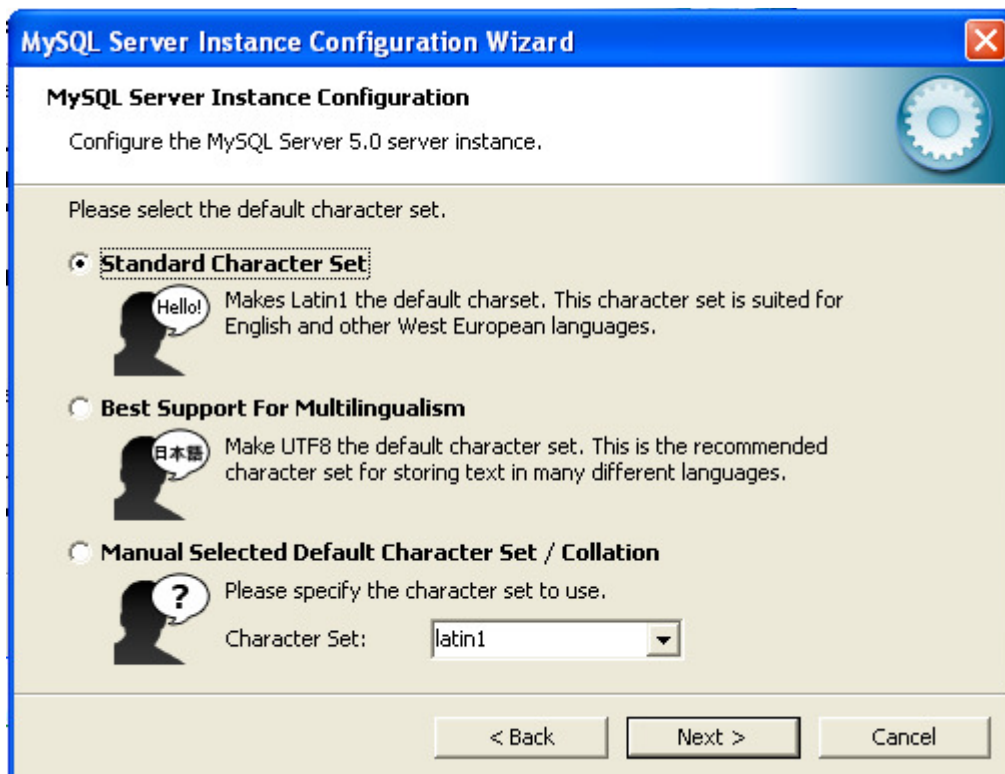
Default “Decision Support (DSS)/OLAP”

Next.



Default Networking option shown above.

Next.



Select "Standard Character Set"

Next.



Check "Include Bin Directory in Windows PATH"

Next.



The image shows a screenshot of the 'MySQL Server Instance Configuration Wizard' window. The title bar is blue with the text 'MySQL Server Instance Configuration Wizard' and a red close button. The main window has a light beige background. At the top, it says 'MySQL Server Instance Configuration' and 'Configure the MySQL Server 5.0 server instance.' Below this, it says 'Please set the security options.' There are two main sections. The first section is 'Modify Security Settings', which is checked. It contains a 'root' user icon, a 'New root password:' field with '*****', a 'Confirm:' field with '*****', and a checkbox for 'Enable root access from remote machines' which is also checked. The second section is 'Create An Anonymous Account', which is unchecked. It contains a question mark icon and a warning: 'This option will create an anonymous account on this server. Please note that this can lead to an insecure system.' At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

MySQL Server Instance Configuration Wizard

MySQL Server Instance Configuration
Configure the MySQL Server 5.0 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**

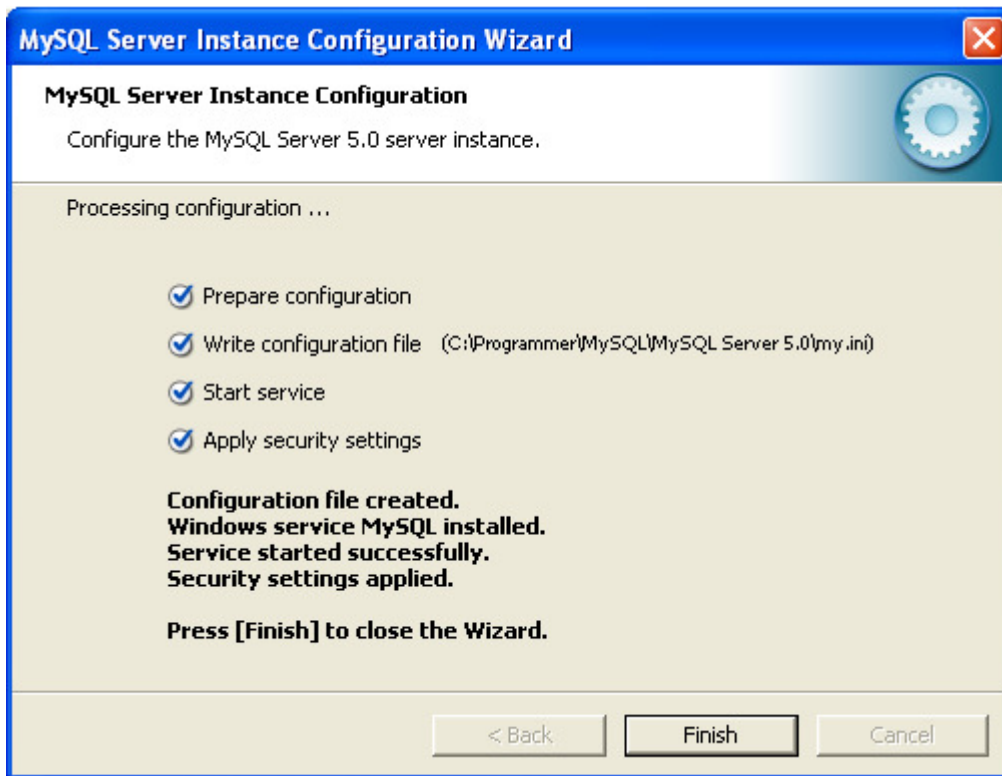
 This option will create an anonymous account on this server. Please note that this can lead to an insecure system.

< Back Next > Cancel

Enter a “Root Password” and check the option “Enable root access from remote machines”

The “Root password” will be used later in the Timeattendance software so remember it.

Next.



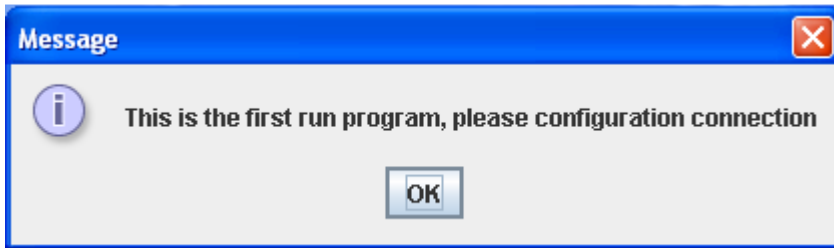
The setup of MySQL is complete.

To install Timeattendance run "TimeAttendance.EXE"

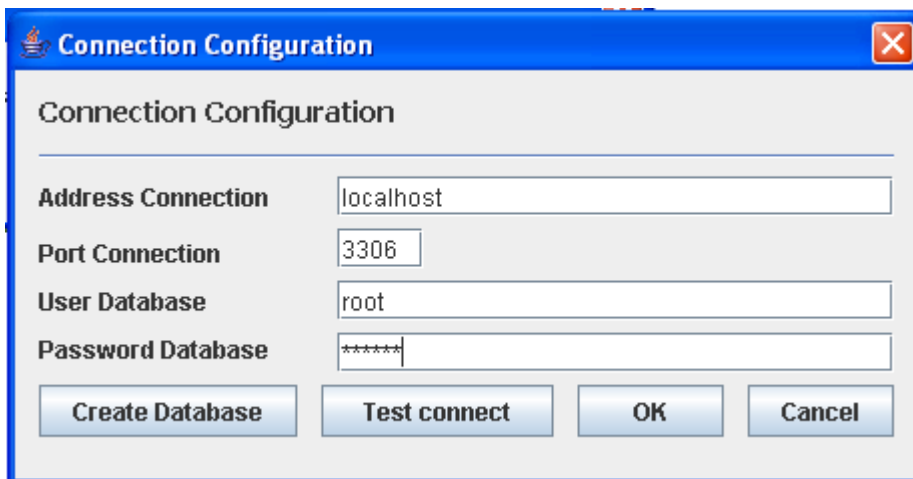
Follow the installation program.

Starting Timeattendance

First time you start Timeattendance you will need to set up the connection to the MySQL server.



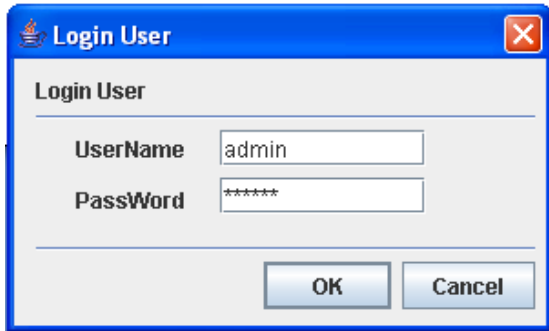
Next.



Enter the "Root password" you made under the installation of MySQL.

Test connection and Create Database.

Next.

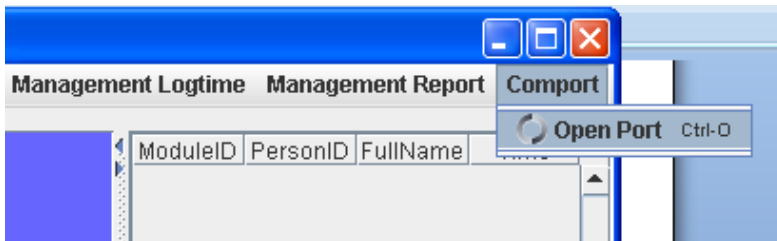


Login to Timeattendance

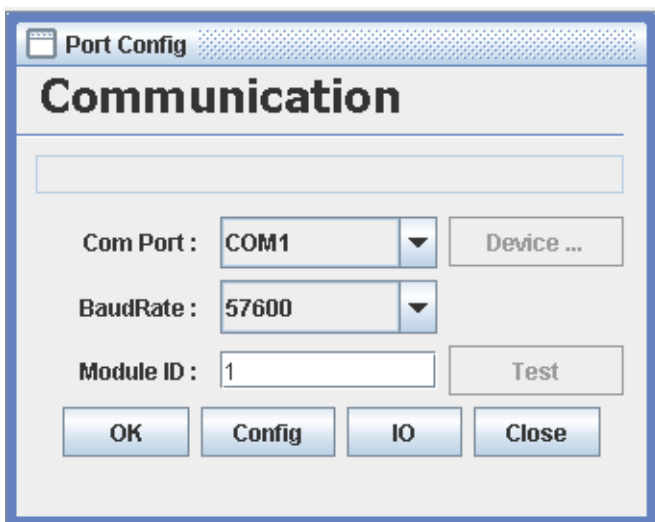
Default UserName : admin

Default PassWord : 123456

Each time the program starts up the folloing step should be done.



Open the comport.

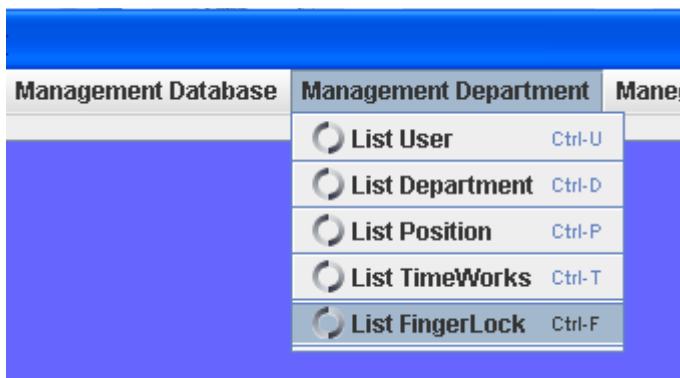


Select "Com Port", "BaudRate" and "Module ID"

Default Baudrate is 57600 and Default Module ID is 1.

Click "OK" and run the "Test" to see if there is contact to the reader.

Next.



Select "List FingerLock" under "Management Department"

The screenshot shows the 'FingerPrint Lock' application window. The window has a title bar with the text 'FingerPrint Lock' and standard window controls. The main content area is titled 'FingerPrint Lock' and contains a section for 'FingerLock Detail' with two input fields: 'FingerLock Name' and 'ModuleID'. Below these fields are six buttons: 'Add New', 'Edit', 'Delete', 'Config IO', 'Config', and 'Cancel'. At the bottom, there is a section titled 'List FingerLock' containing a table with three columns: 'FingerLock ID', 'FingerLock Name', and 'ModuleID'. The table contains two rows of data.

FingerLock ID	FingerLock Name	ModuleID
3	Port A	3
4	Port B	2

This list should match the Fingerprint readers connected to the system, The "ModuleID" is the ID number of each reader.

"Add New" – add a new reader to the system.

"Edit" – edit a reader in the list.

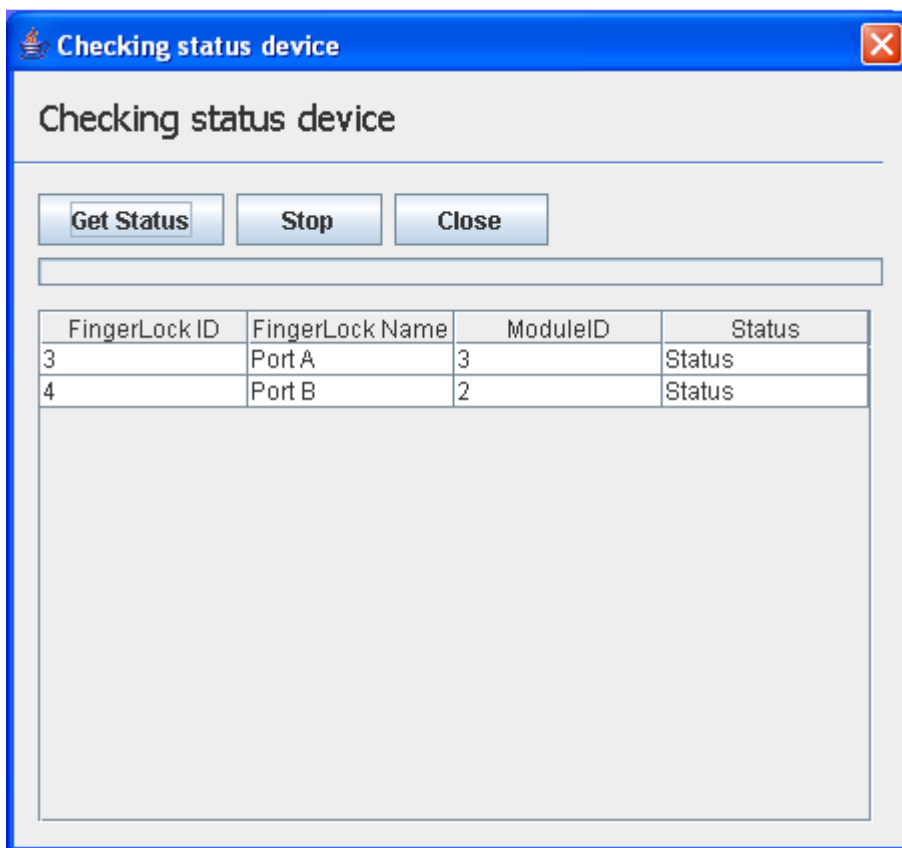
"Delete" – delete a reader from the list.

"Config IO" – config a reader to Wiegand or OC output.

"Config" – config Modul ID of the reader and security level.

When the list match the readers connected go back to "Open Port"

Click on "Device ..."

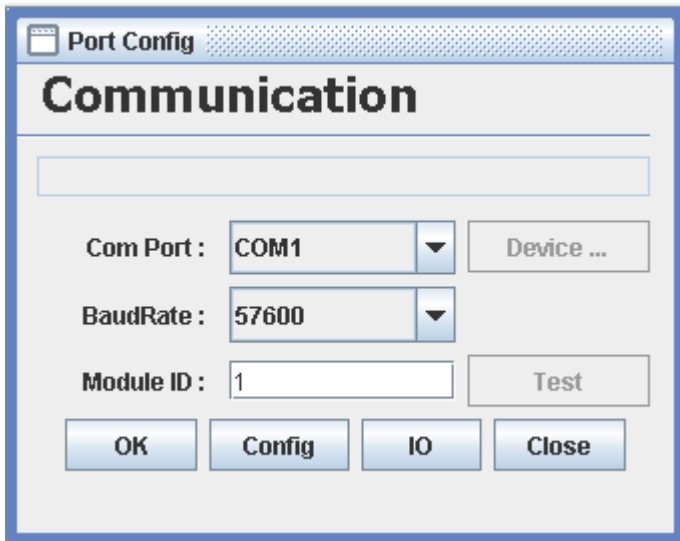


Click "Get status"

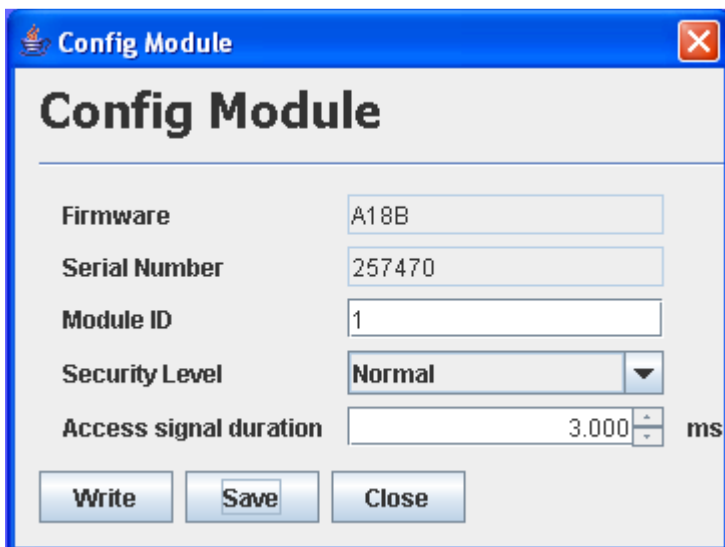
After success on alle the readers the program is ready for use.

Changing the Modul ID of a Reader.

Go into "Open Port"



Click on "Config"



Enter a new number into "Module ID" and click on "Write" and then "Save".

It is a good idea not to have any reader in the system with Module ID 1 since it is the Deafault ID number, and all new readers will have this number.

This can also be done under "list fingerlock"

Changing Output of the reader Wiegand / Open Collector.

Go into "List FingerLock"

FingerLock ID	FingerLock Name	ModuleID
3	Port A	3
4	Port B	2

select the reader and click on "Config IO"



IO Configuration

Mode

GPIO 4

Wiegand Output

▼

GPIO 5

Wiegand Output

▼

Output

▼

Disable

Output

Wiegand Output

Disabled Events

ENROLL_WAIT_FINGER
ENROLL_PROCESSING
ENROLL_SUCCESS
ENROLL_FAIL
MATCH_WAIT_FINGER
MATCH_PROCESSING
MATCH_SUCCESS
MATCH_FAIL
DELETE_WAIT
DELETE_PROCESSING
DELETE_SUCCESS

▼

▲

Enabled Events

Level

ACTIVE_HIGH

▼

Interval (ms)

0

Period (ms)

0

Wiegand

Total Bits

26

FC Bits

8

FC Code

1

Write

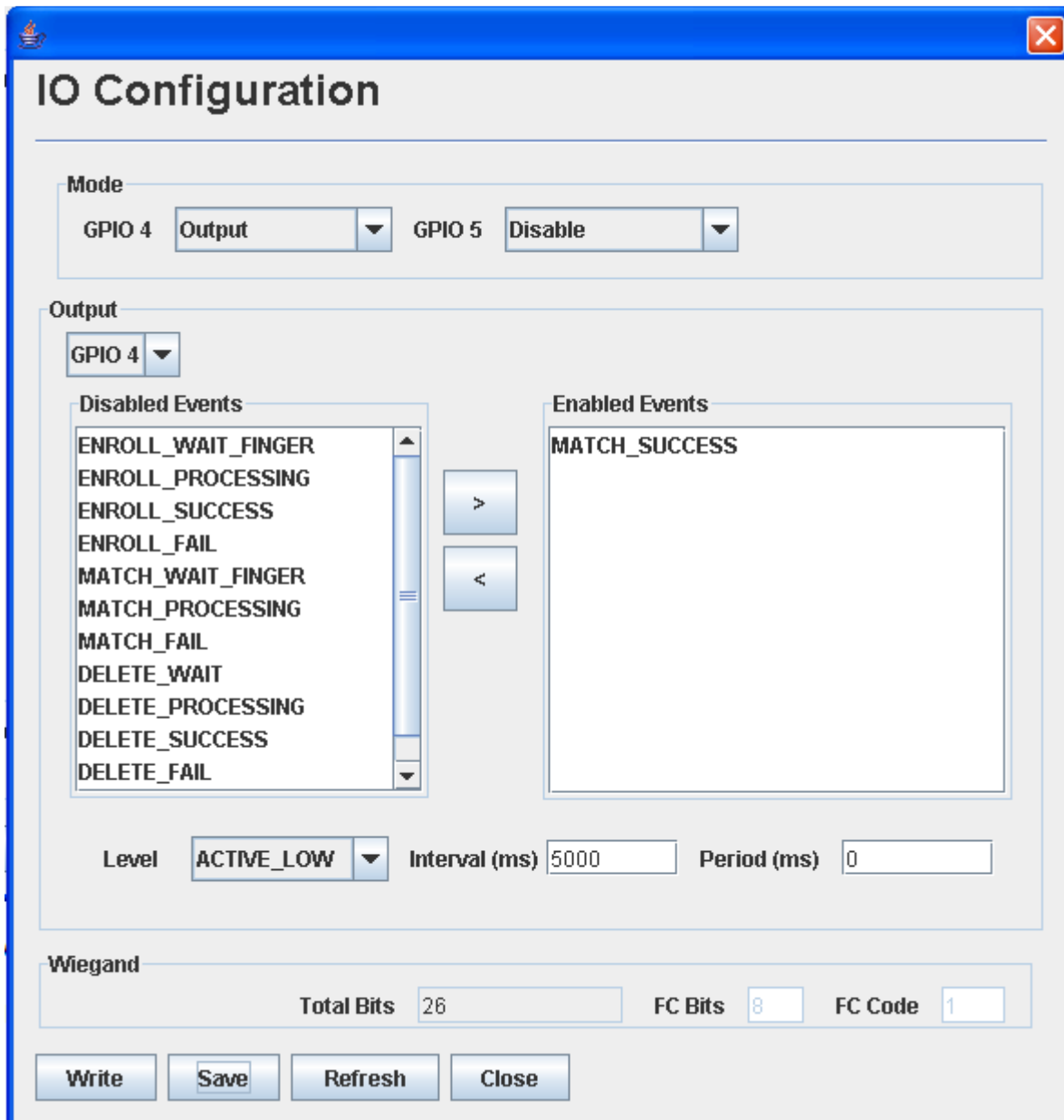
Save

Refresh

Close

For Wiegand output GPIO 4 and 5 should be set to Wiegand output.

For Open Collector set GPIO 4 to Output and GPIO 5 to Disable.



The image shows a software window titled "IO Configuration". It has a blue title bar with a standard Windows icon on the left and a close button (X) on the right. The window is divided into several sections. At the top, under the "Mode" section, there are two dropdown menus: "GPIO 4" set to "Output" and "GPIO 5" set to "Disable". Below this is the "Output" section, which includes a dropdown menu for "GPIO 4" (currently showing "GPIO 4"). To the right of this dropdown are two buttons: a right-pointing arrow (V) and a left-pointing arrow (A). Below these are two list boxes. The "Disabled Events" list on the left contains: ENROLL_WAIT_FINGER, ENROLL_PROCESSING, ENROLL_SUCCESS, ENROLL_FAIL, MATCH_WAIT_FINGER, MATCH_PROCESSING, MATCH_FAIL, DELETE_WAIT, DELETE_PROCESSING, DELETE_SUCCESS, and DELETE_FAIL. The "Enabled Events" list on the right contains: MATCH_SUCCESS. Below the list boxes are three controls: a "Level" dropdown set to "ACTIVE_LOW", an "Interval (ms)" text box containing "5000", and a "Period (ms)" text box containing "0". At the bottom of the window is the "Wiegand" section, which includes a "Total Bits" text box with "26", an "FC Bits" text box with "8", and an "FC Code" text box with "1". At the very bottom are four buttons: "Write", "Save", "Refresh", and "Close".

IO Configuration

Mode

GPIO 4 Output GPIO 5 Disable

Output

GPIO 4

Disabled Events

- ENROLL_WAIT_FINGER
- ENROLL_PROCESSING
- ENROLL_SUCCESS
- ENROLL_FAIL
- MATCH_WAIT_FINGER
- MATCH_PROCESSING
- MATCH_FAIL
- DELETE_WAIT
- DELETE_PROCESSING
- DELETE_SUCCESS
- DELETE_FAIL

Enabled Events

- MATCH_SUCCESS

Level ACTIVE_LOW Interval (ms) 5000 Period (ms) 0

Wiegand

Total Bits 26 FC Bits 8 FC Code 1

Write Save Refresh Close

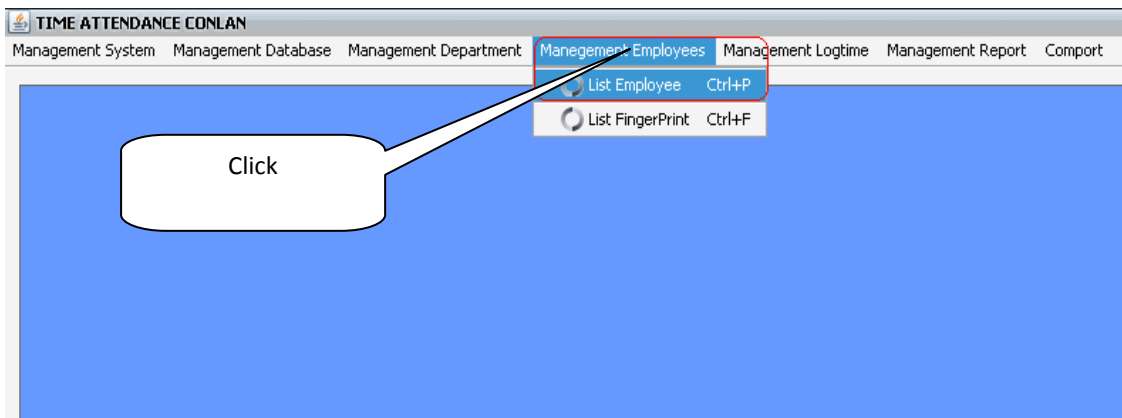
Add "Match_Success" to Enabled Events and set Level to Active_LOW

Interval (ms) is the time the output is active. 5000 = 5 seconds

Management Employee & Management Logtime

- Management Employee
- Management Logtime

1. Management Employee



- **NEXT >**

TIME ATTENDANCE CONLAN
 Management System Management Database Management Department Management Employees Management Logtime Management Report Comport

Person Fingerprint

Person

Person Detail

Person ID : Email :

Full Name : Department :

Address : Position :

Telephone :

Click

List Person

Person ID	Person Name	Address	Telephone	Email	Department ID	Position ID

- NEXT >

TIME ATTENDANCE CONLAN
 Management System Management Database Management Department Management Employees Management Logtime Management Report Comport

Person Fingerprint

Person

Person Detail

Person ID : Email :

Full Name : Department :

Address : Position :

Telephone :

Add New = Save New

List Person

Person ID	Person Name	Address	Telephone	Email	Department ID	Position ID

- NEXT >

TIME ATTENDANCE CONLAN
Management System Management Database Management Department Management Employees Management Logtime Management Report Comport

Person FingerPrint

Person

Person Detail

Person ID : P512154928201870 Email : abc@gmail.com
Full Name : ABC Department : Software
Address : HaNoi Position : Employee
Telephone : 048554280

Save New Edit Delete View Cancel

List Person

Person ID	Person Name	Address	Person ID	Position ID

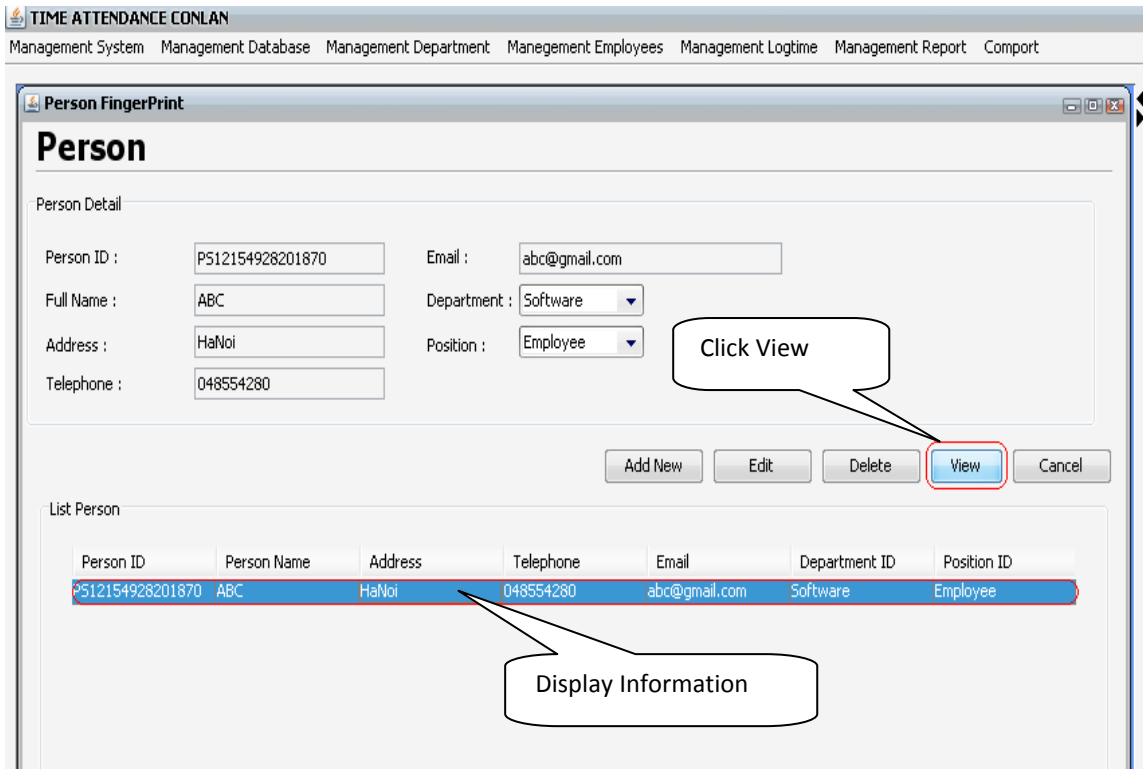
Message

Successfully

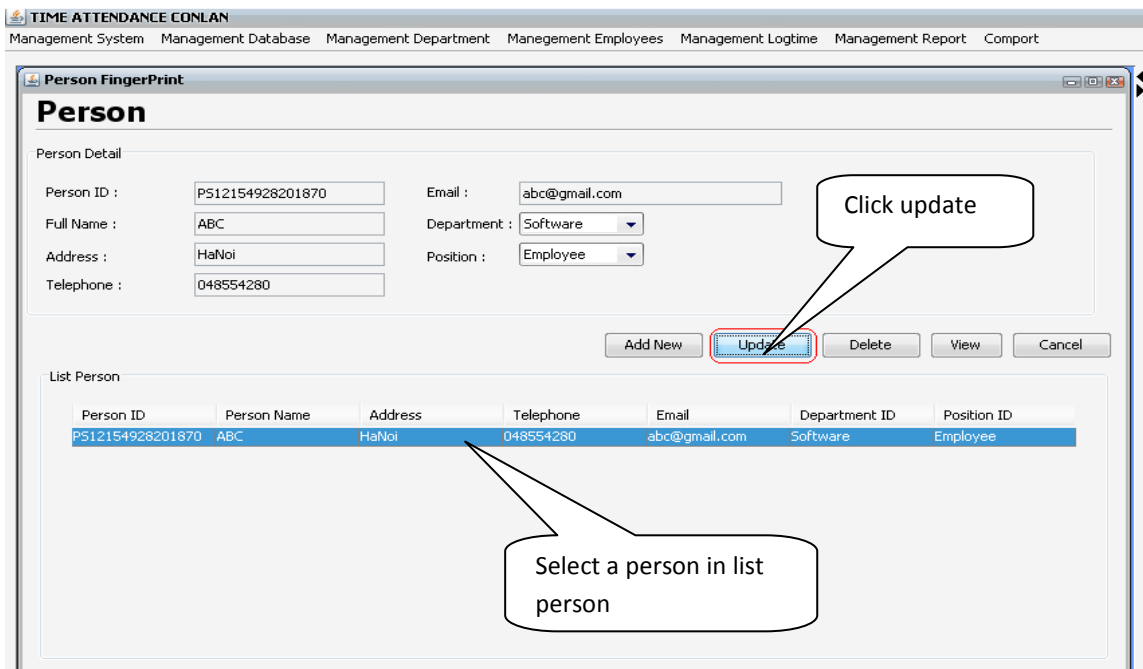
OK

Add information.

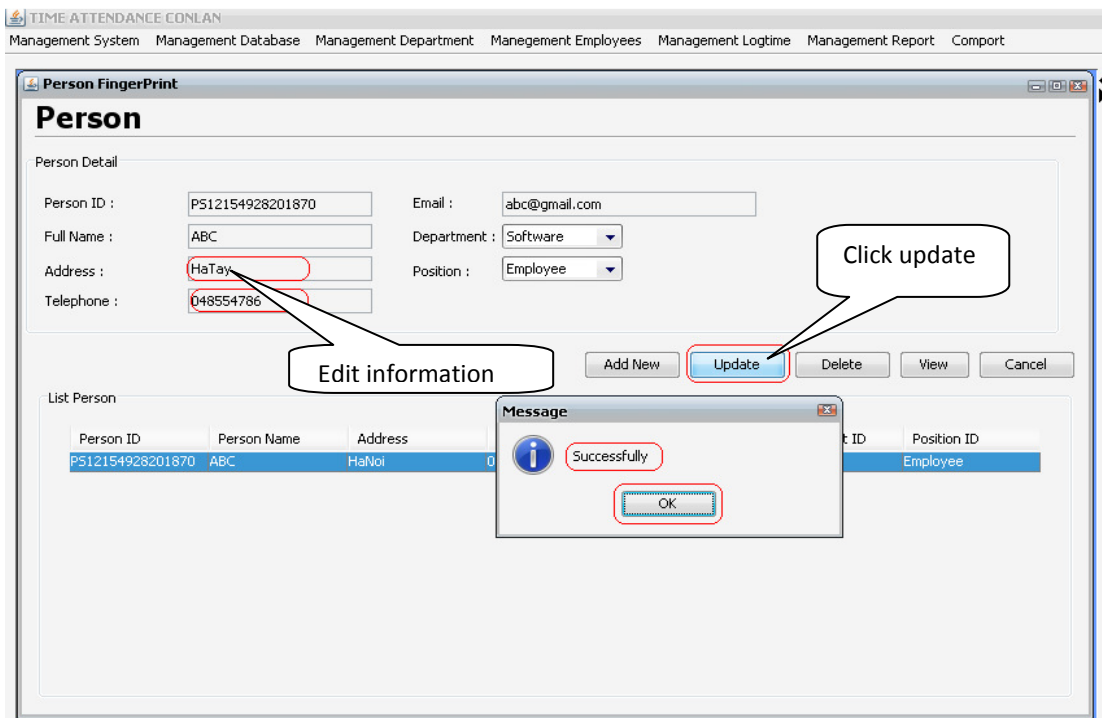
- NEXT >



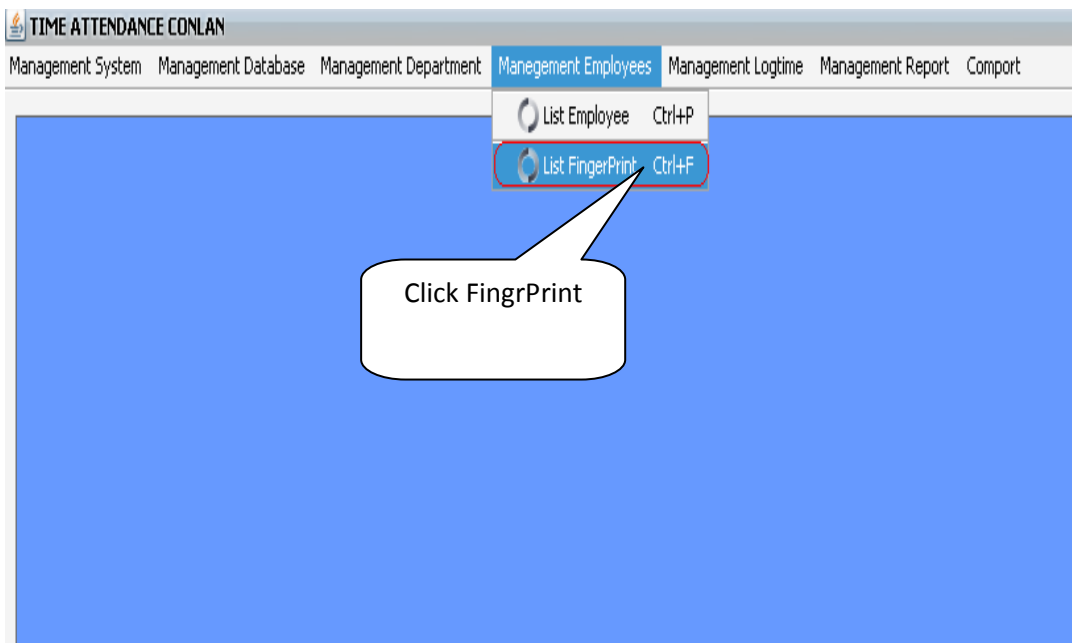
- NEXT >



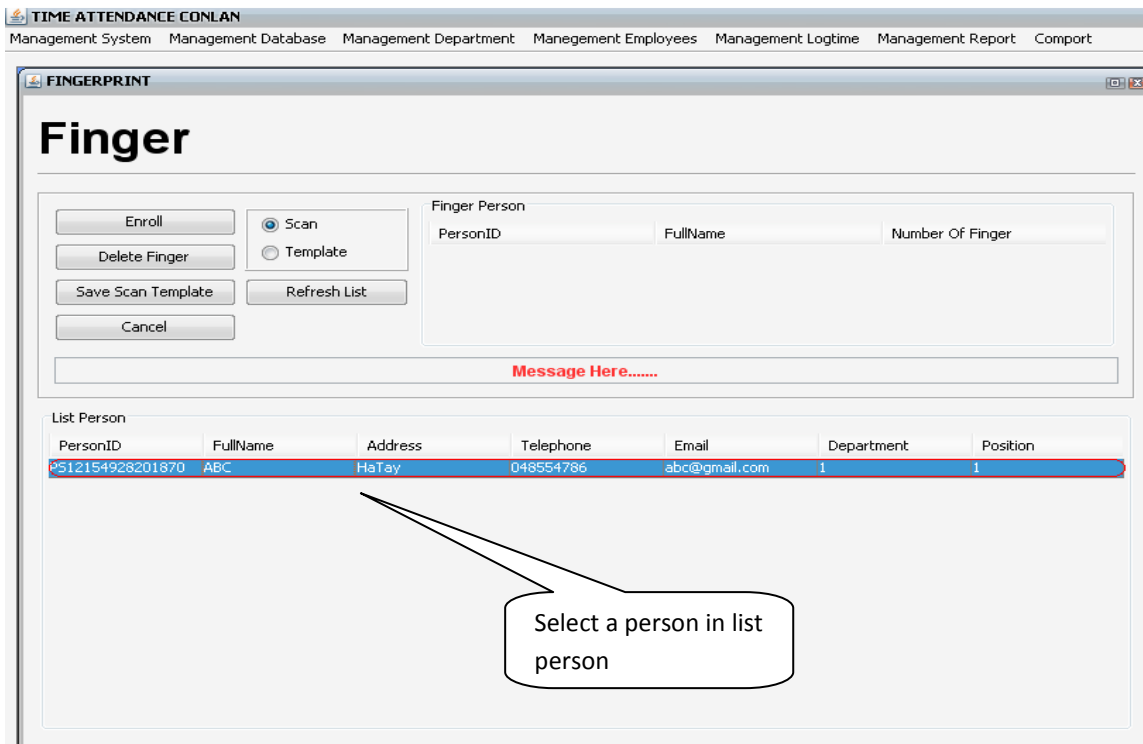
- NEXT >



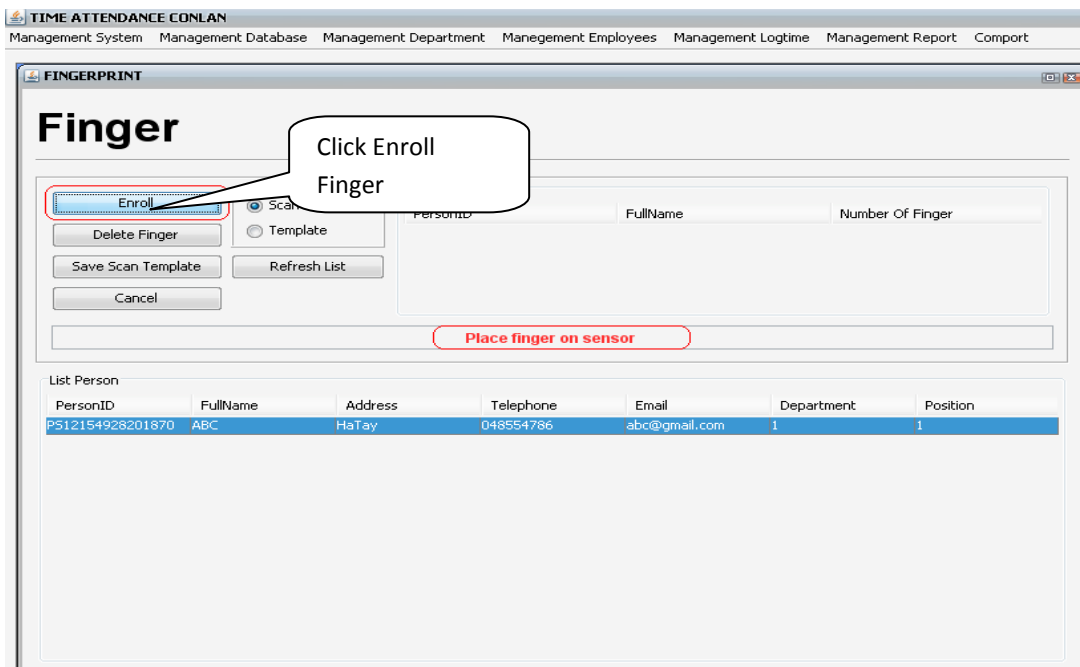
2. List Fingerprint



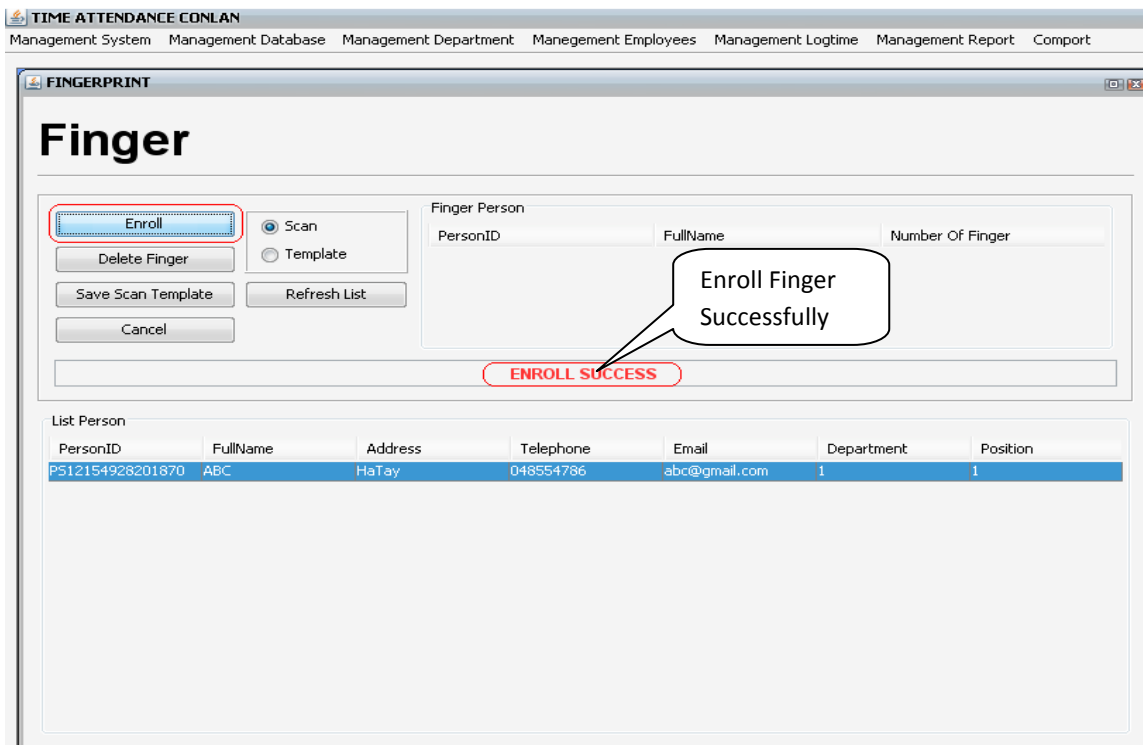
- NEXT >



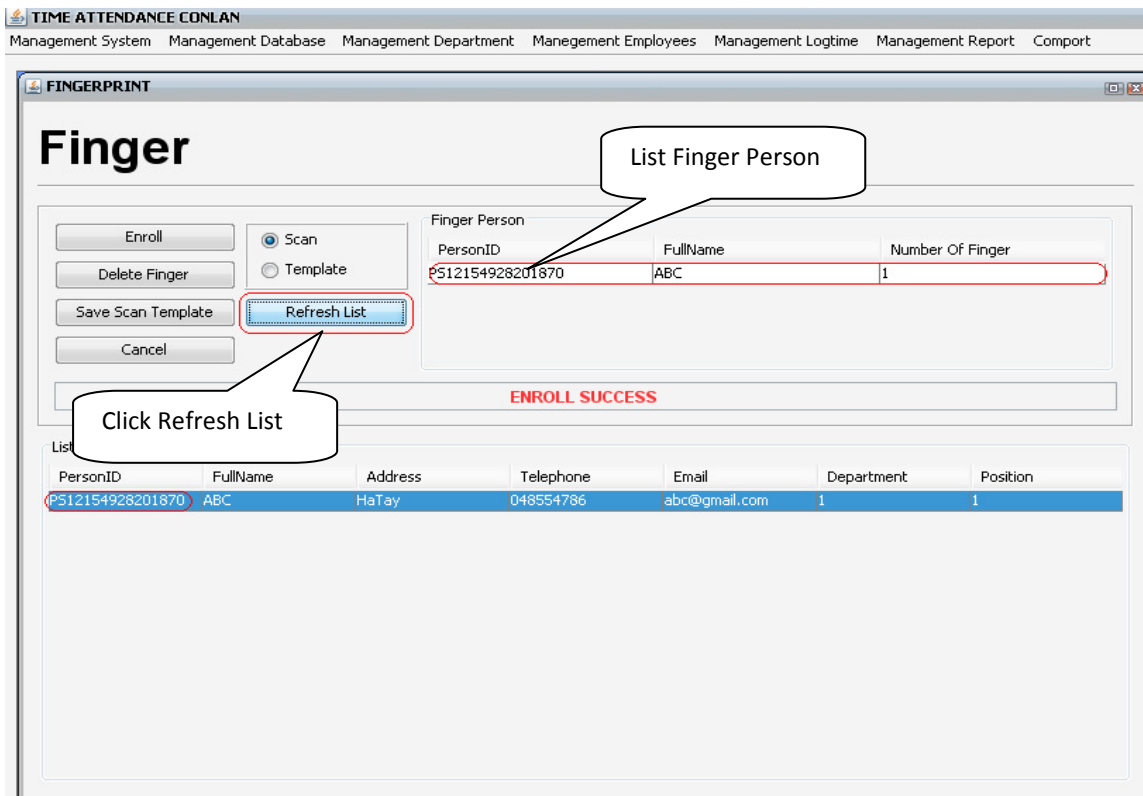
- NEXT >



- NEXT >



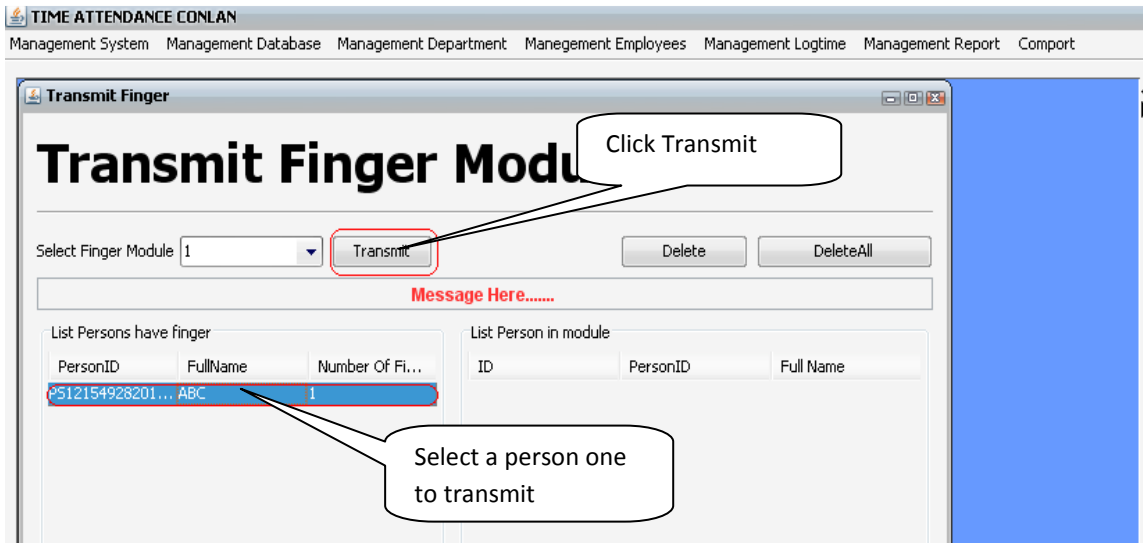
- NEXT >



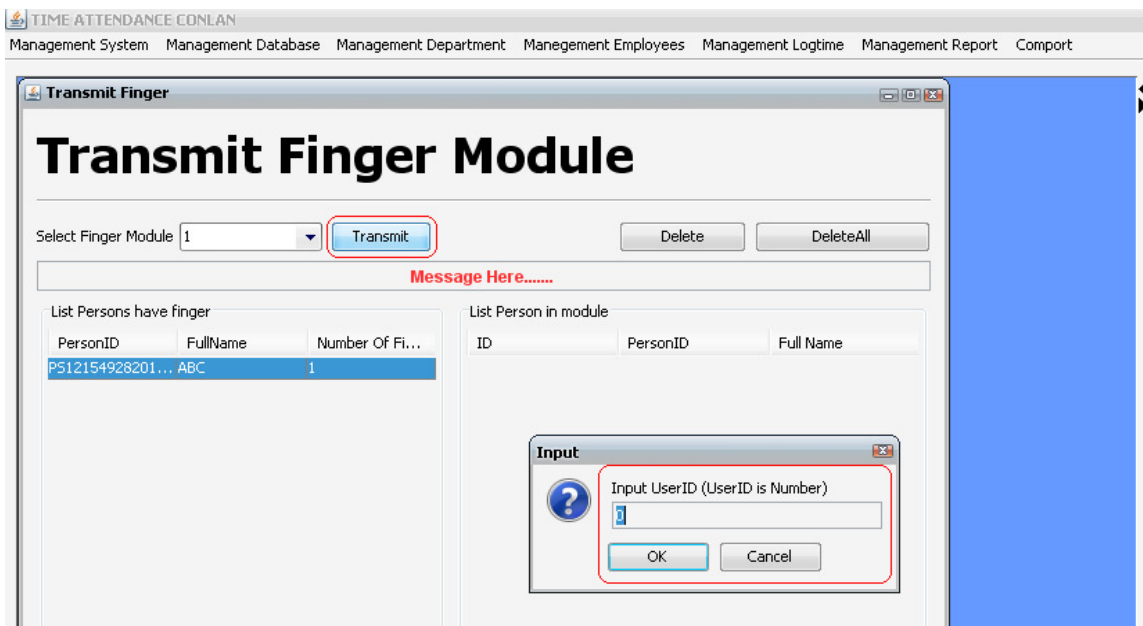
3. Transmit FingerLock



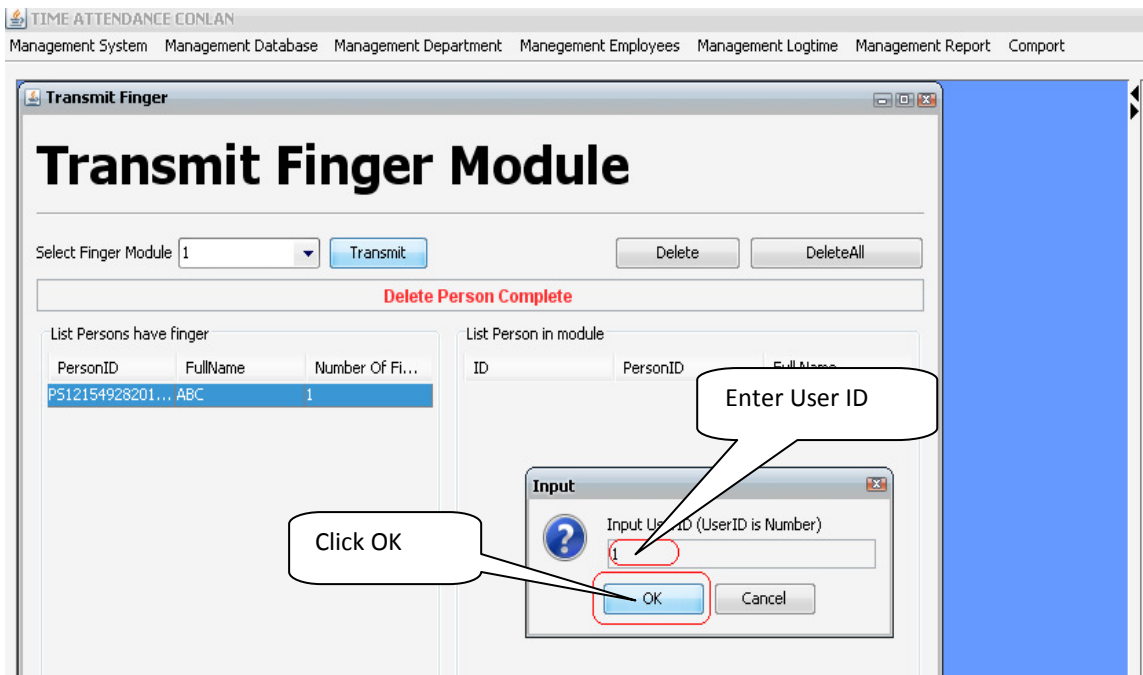
- NEXT >



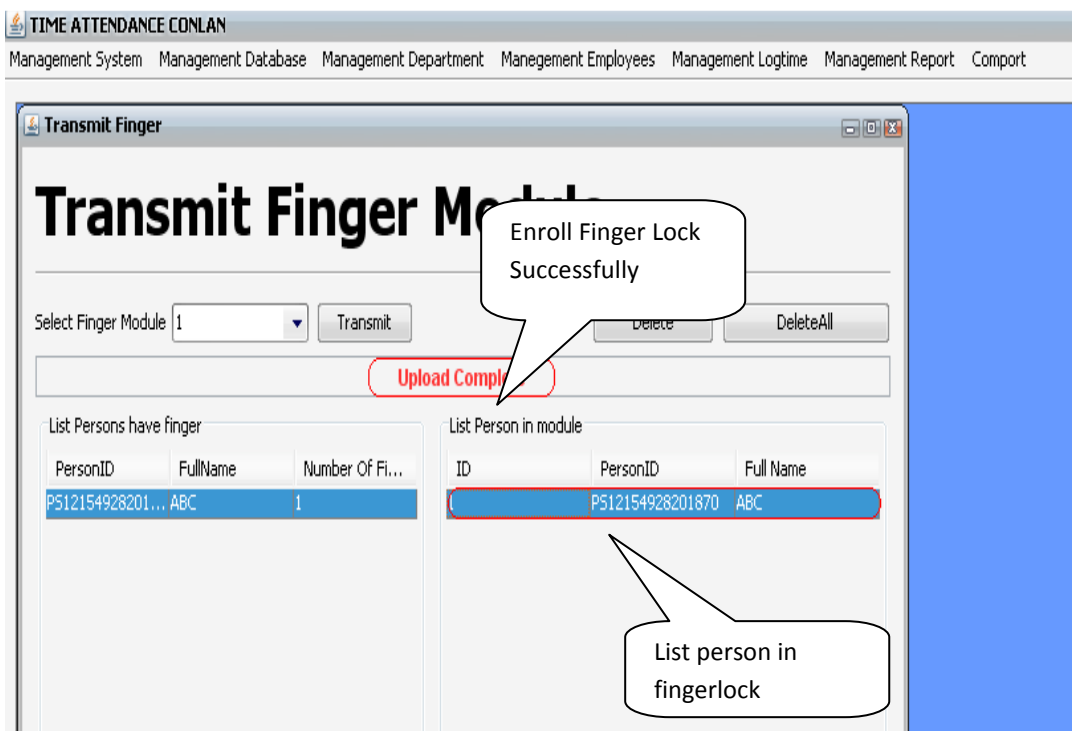
- NEXT >



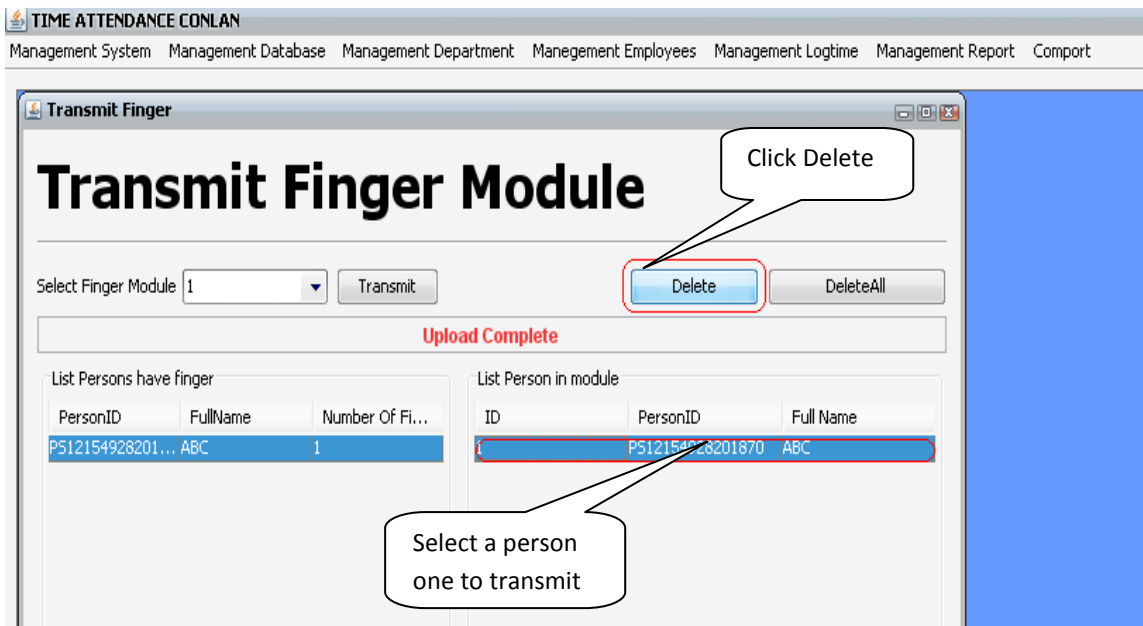
- NEXT >



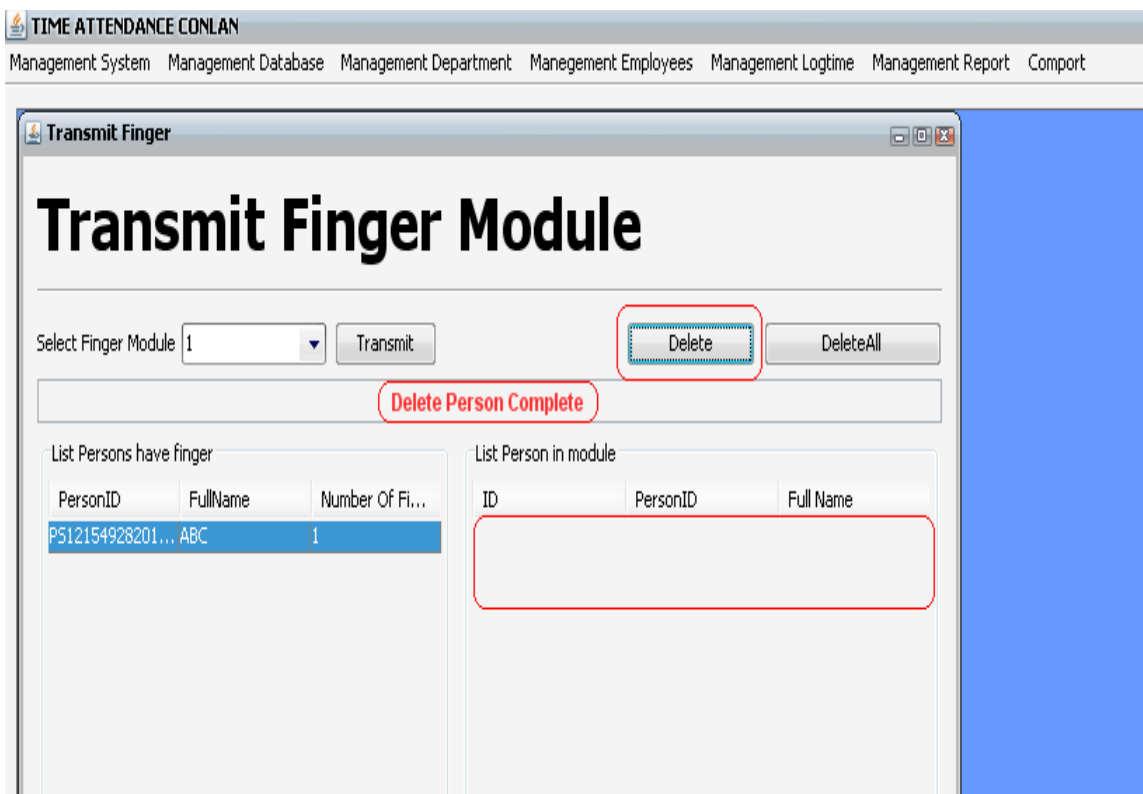
- NEXT >



- NEXT >



- NEXT >



4. Log Time Attendance



TIME ATTENDANCE CONLAN			
Management System Management Database Management Department Management Employees Management Logtime Management Report Comport			
Close			
ModuleID	PersonID	FullName	Time
1	PS12154844215460	ABC	2008/07/08 02:55:46
1	PS12154844215460	ABC	2008/07/08 02:55:52
1	PS12154844215460	ABC	2008/07/08 02:55:59

User ID : 1 Module ID : 1

5.