ACS Manager Quick Start

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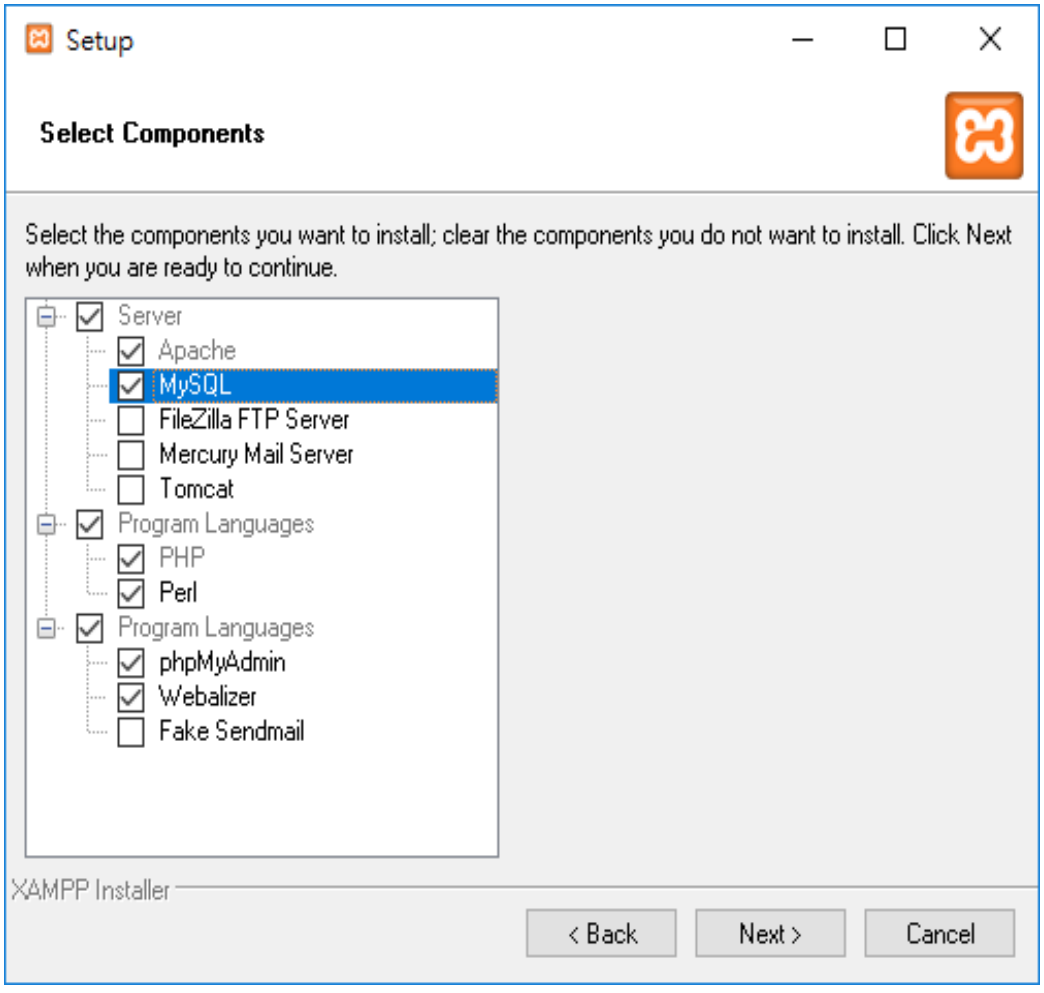
1. Set up MySQL web server by XAMPP

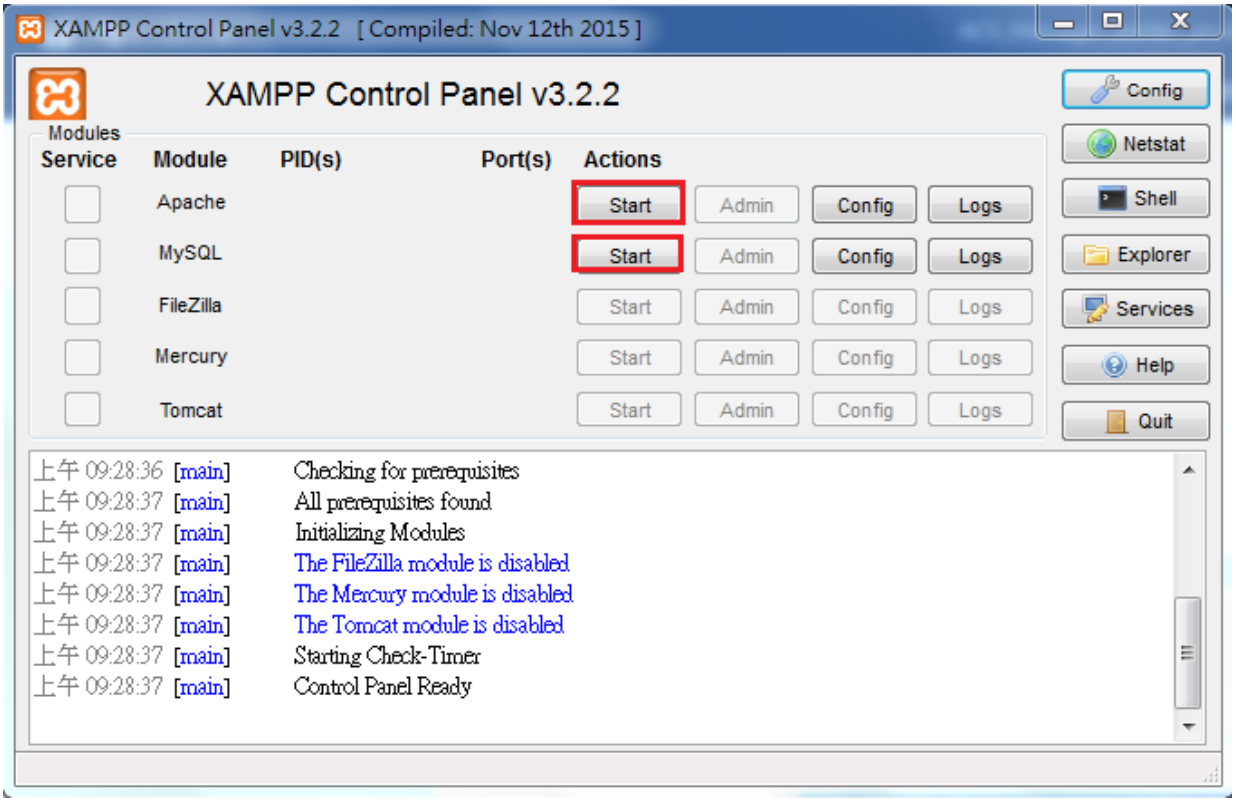
1.1 Install XAMPP

Step1. Click the URL below and download the installation package.
https://www.apachefriends.org/index.html
Step2. Install
Choose the service we need. (Apache and MySQL must be chosen)



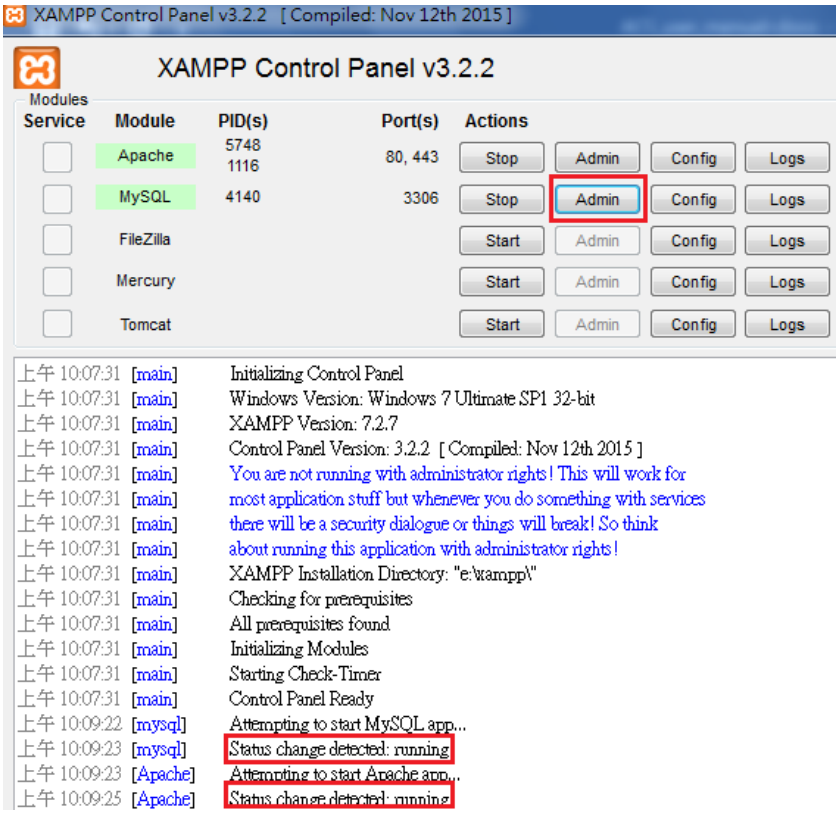
1.2 Start Apache and MySQL service

Step1.Open XAMPP Control Panel. (default path: c:\xampp\xampp-control.exe)
Step2.Click start to begin Apache and MySQL Web service.

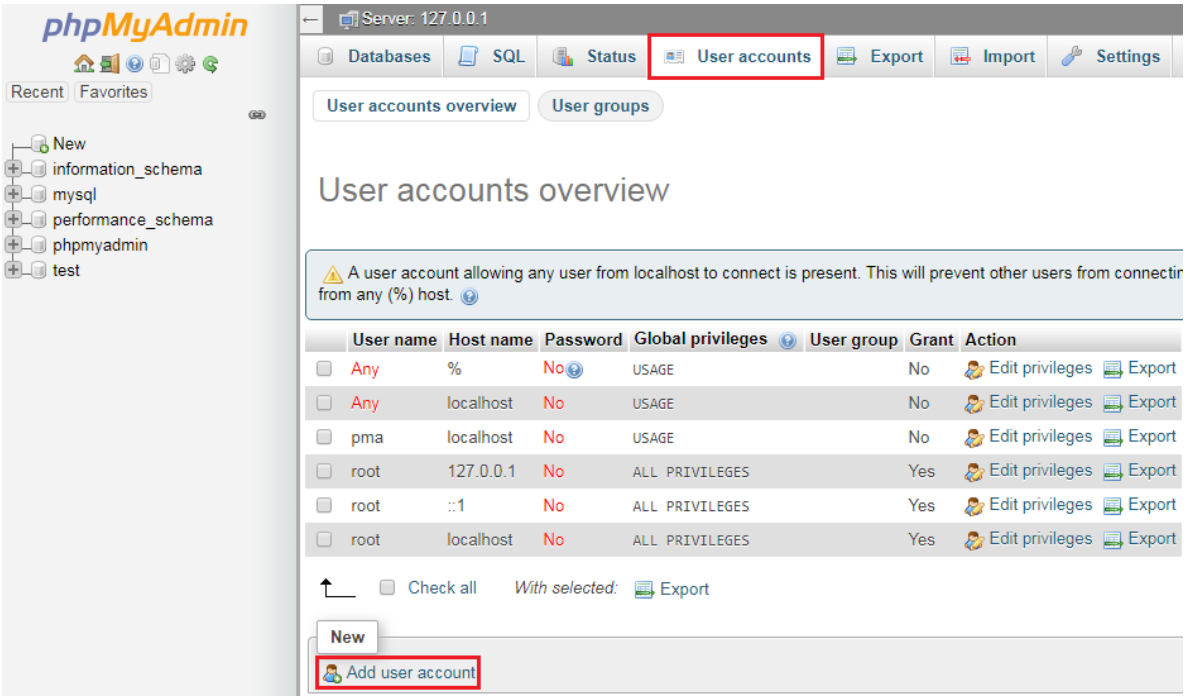


1.3 Open phpMyAdmin and add user account

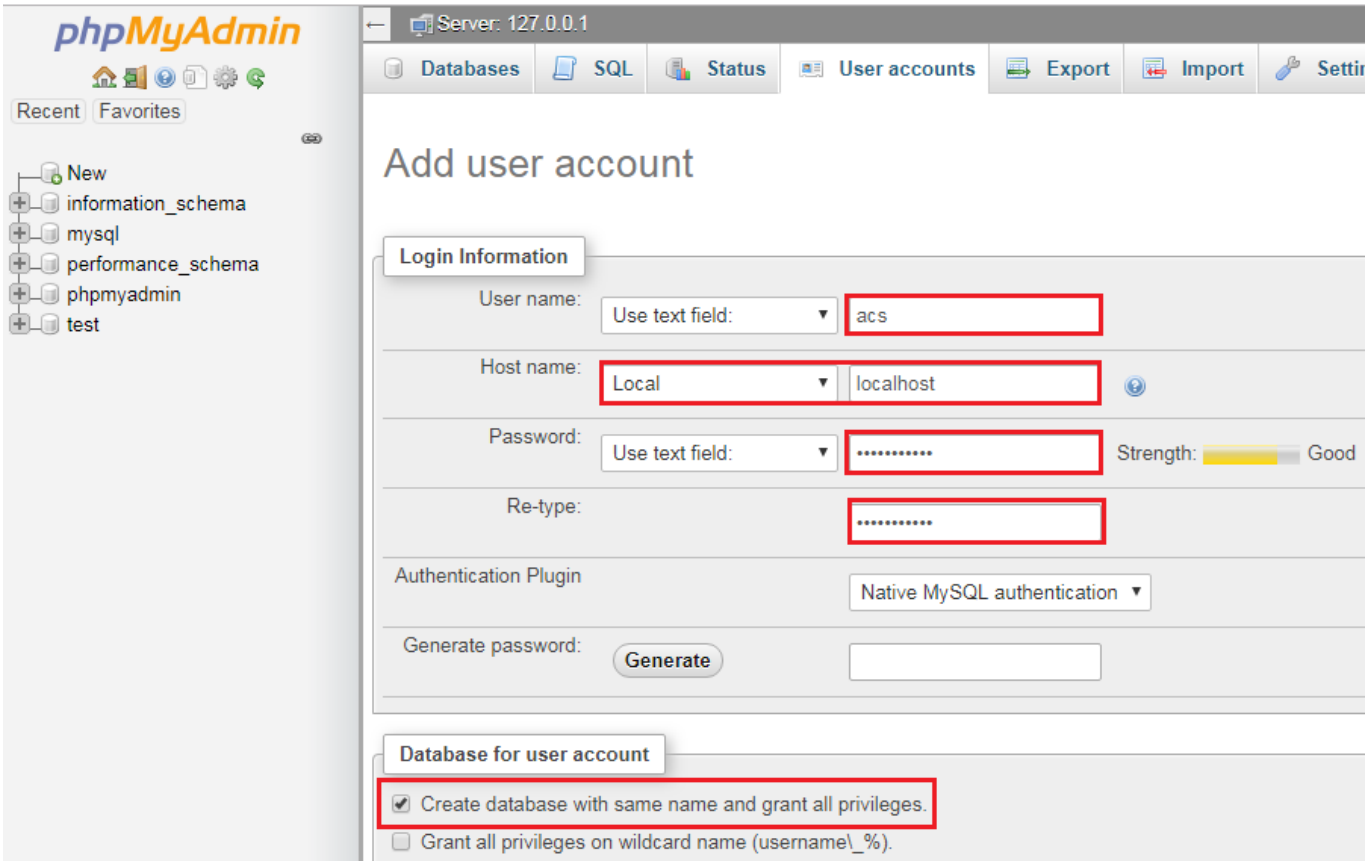
Step1.Click MySQL Admin button to open phpMyAdmin.



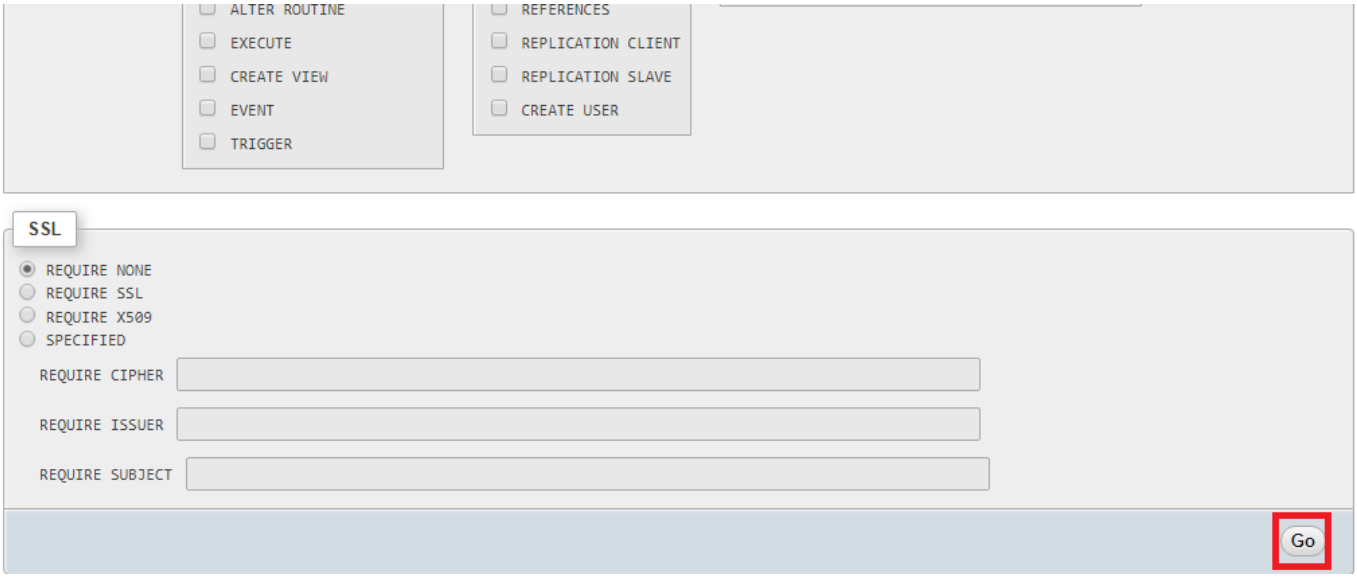
Step2.Click user accounts to input user accounts overview page and then click the button below to execute the command which is add user account.



Step3.Input user name, password, and choose localhost for the host name.
Check ”Create database with same name and grant all privileges ”.

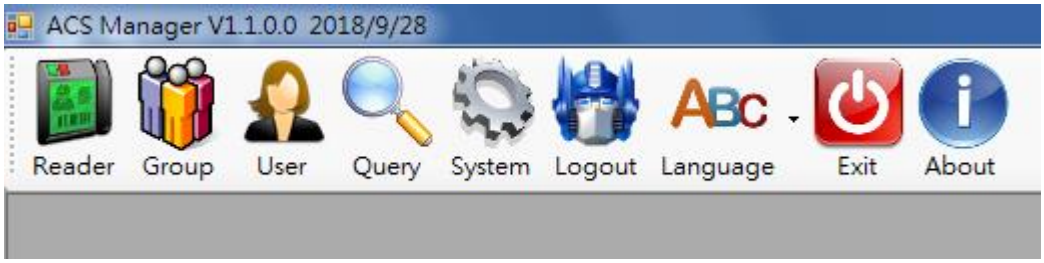


Step4.Click Go to execute.



2. Configure Reader with ACS Manager and Reader Sync

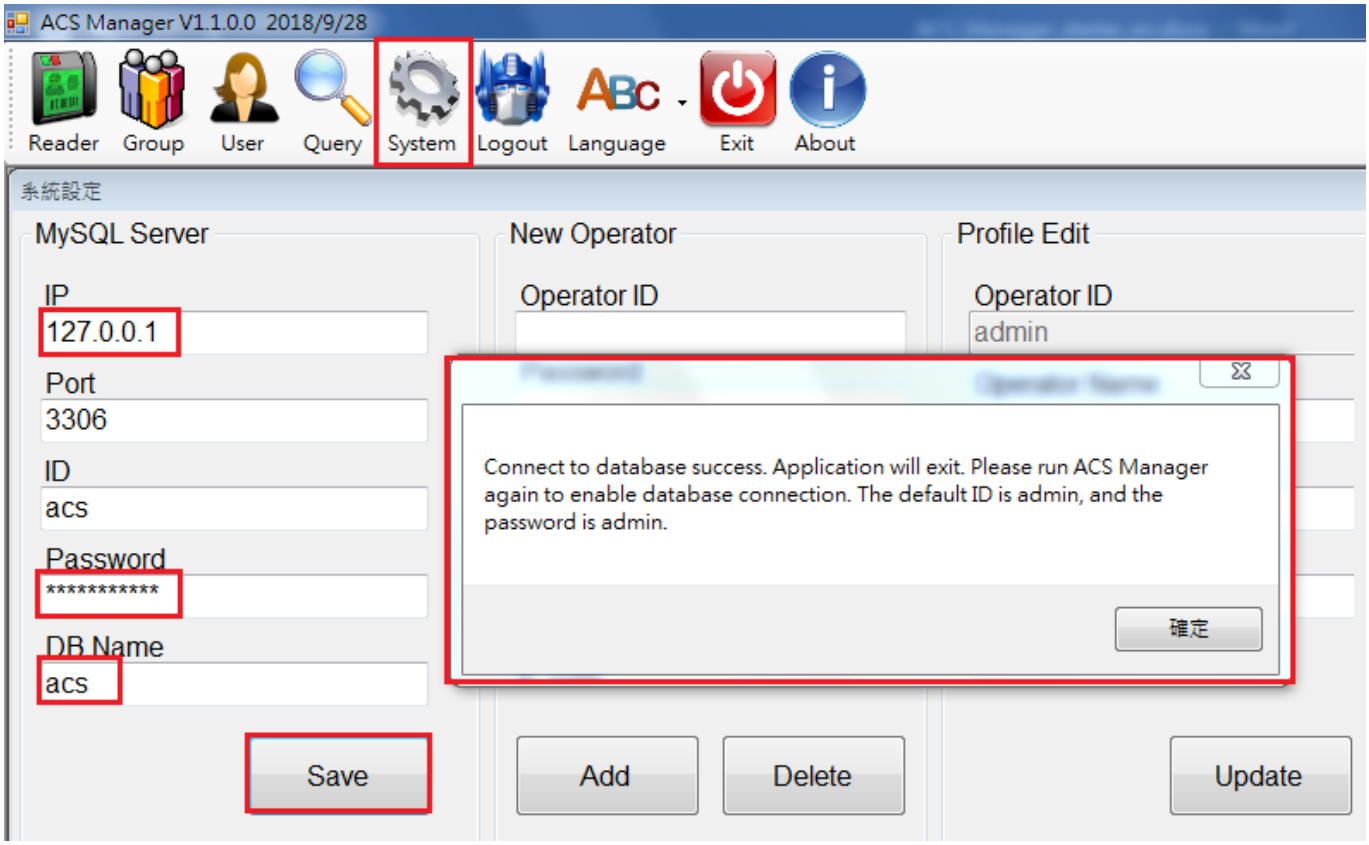
Open ACSManager.exe



2.1 System configuration

2.1.1 Set up My SQL Server connection

Click System button then input MySQL Server IP, ID, password, and the name of database. Click Save button and it will display a message box like the picture below. If the content of message box is “Connecting to database fail.”, it means there are some problems of database connection should be solved.



After connecting to database successfully, there will be 7 new tables added to database and any change of reader information will be recorded in these tables. User can check record by opening phpMyAdmin.

The information recorded by tables are listed below:

tb_group->record member of each group

tb_groupname->record group name

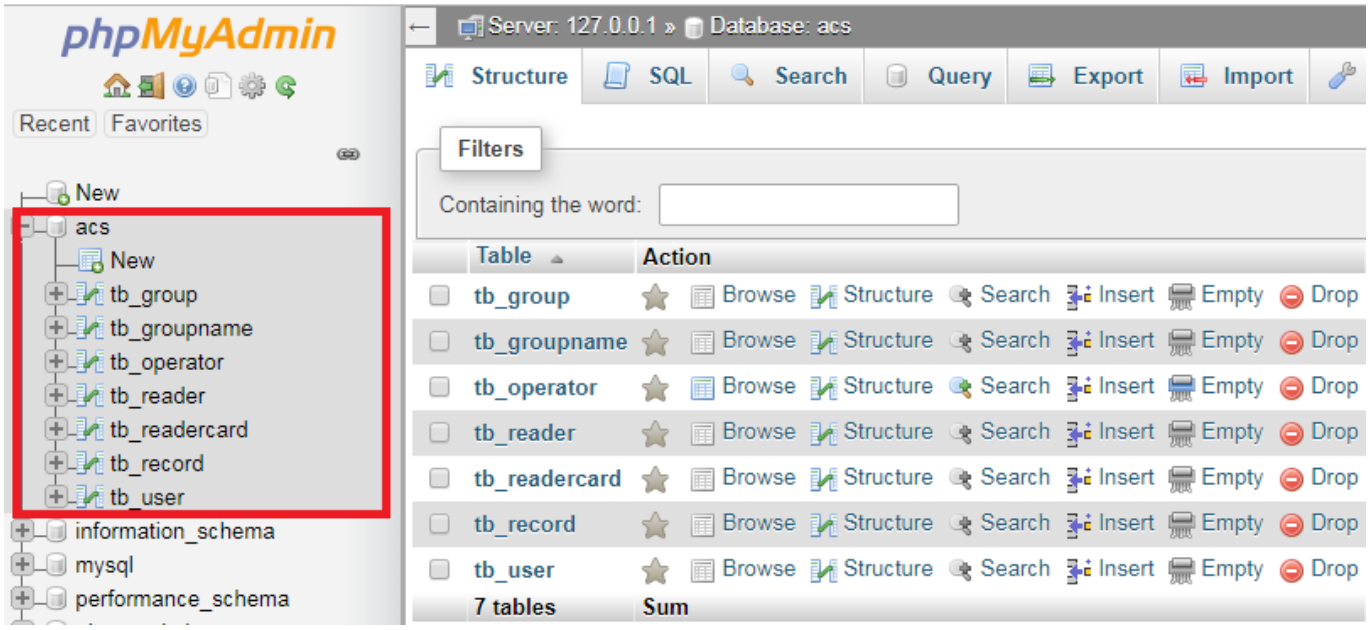
tb_operator->record ACS operator account and permission

tb_reader->record reader information

tb_readercard->record card ID saved in reader

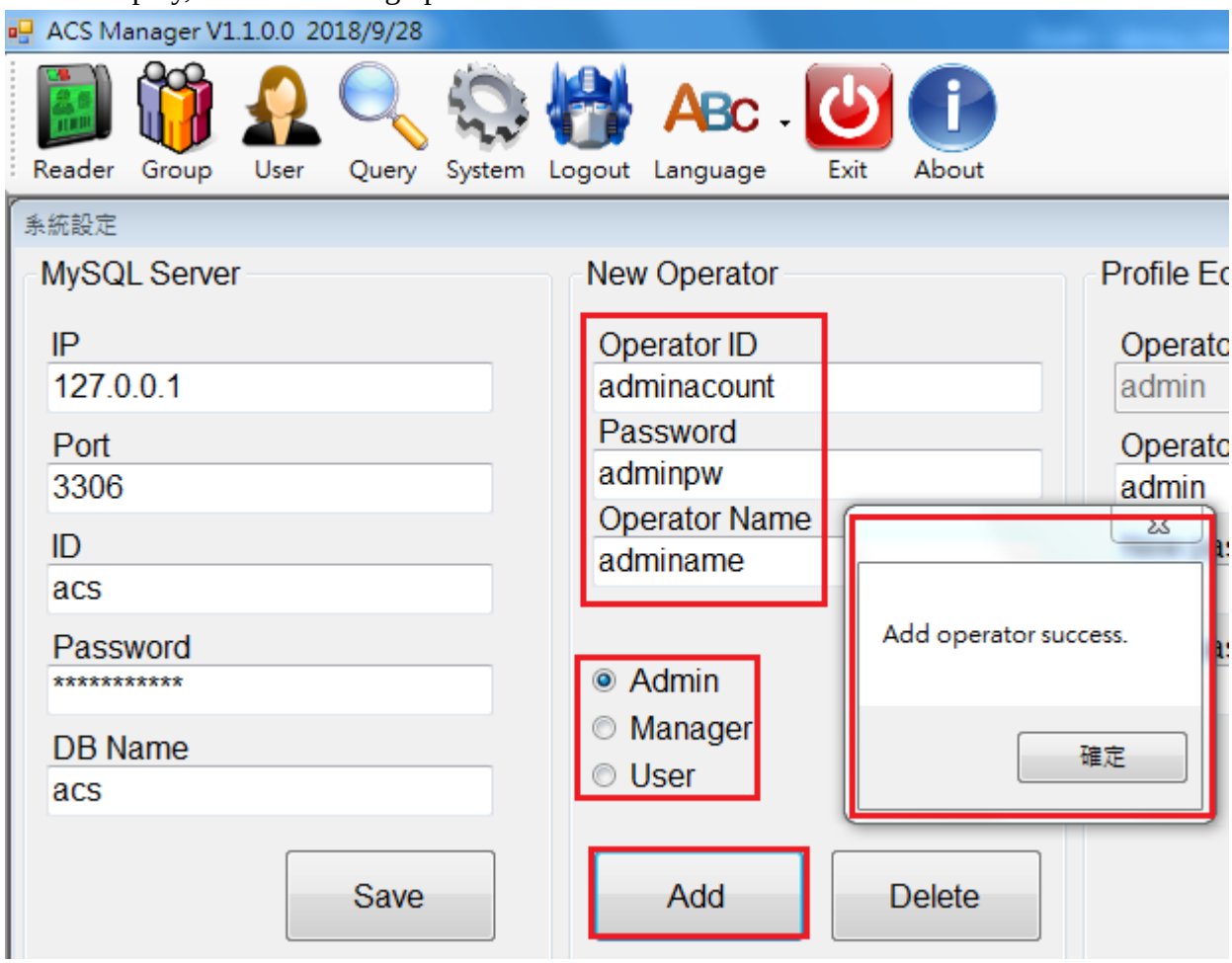
tb_record->pass record

rb_user->record users and their card ID



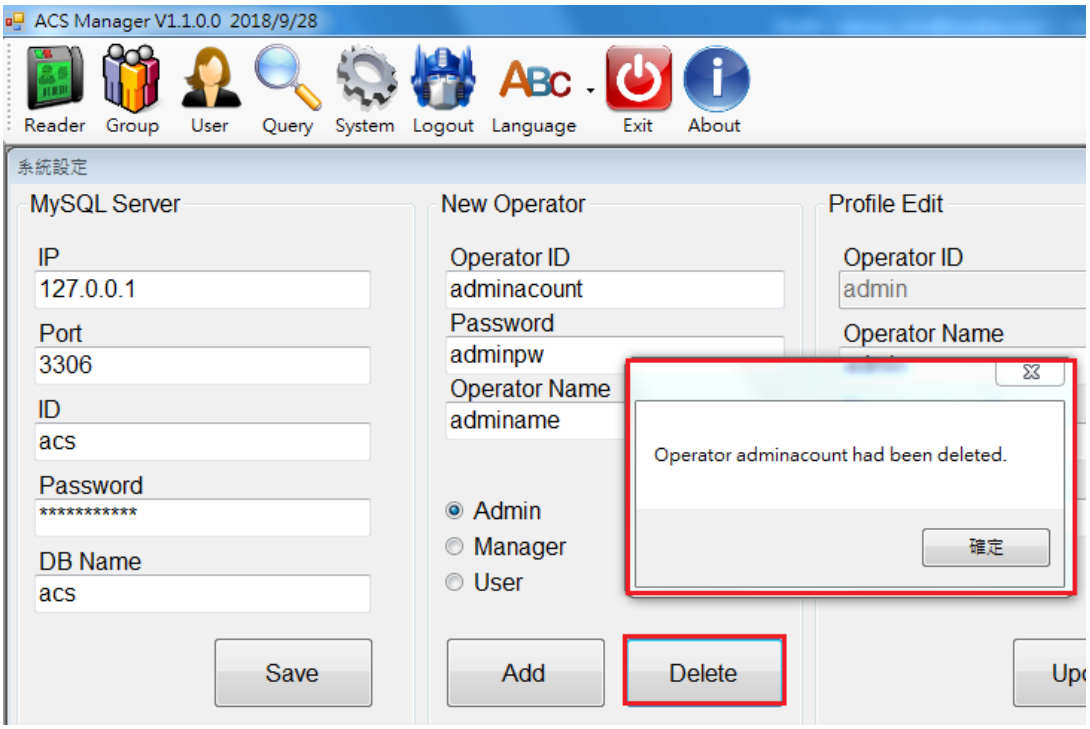
2.1.2 Add operator account

Input necessary information in the middle area and click add button . If a message box written success display, it means adding operator account was finished.



2.1.3 Delete operator account

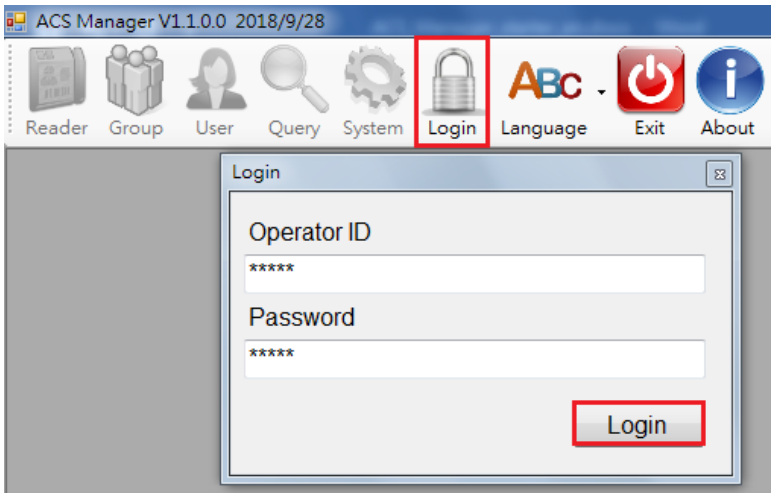
Input necessary information in the middle area and click Delete button . If a message box display as below, it means deleting operator account was finished.



2.2 Login/Logout

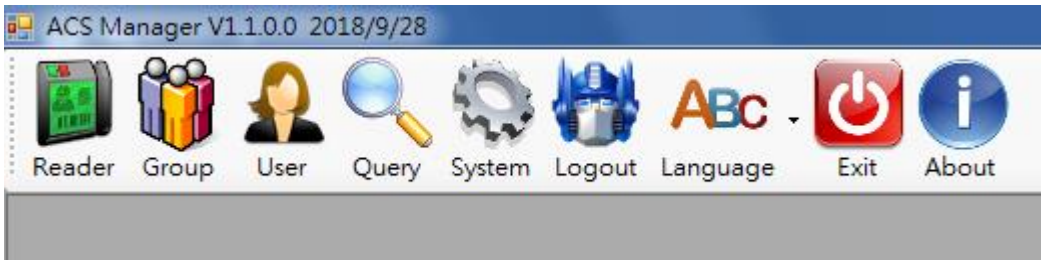
2.2.1 Login

Restart and click Login button. It will fill in Operator ID and password automatically. The default ID and password are admin. Please change password after login.



Permission:

Admin: Can change any configuration.

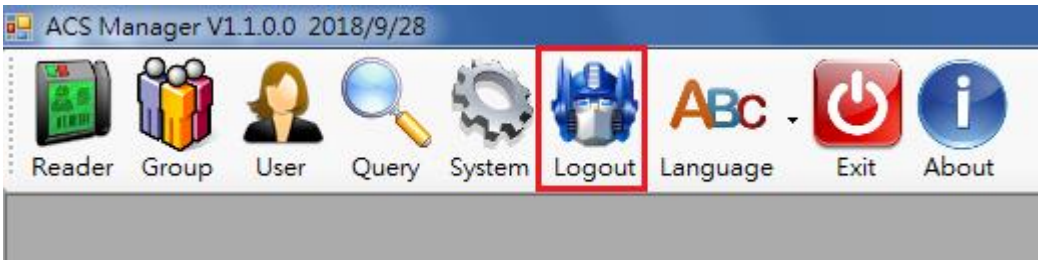


Manager: Only can change user information and look up record.

User: Only can look up record.

2.2.2 Logout

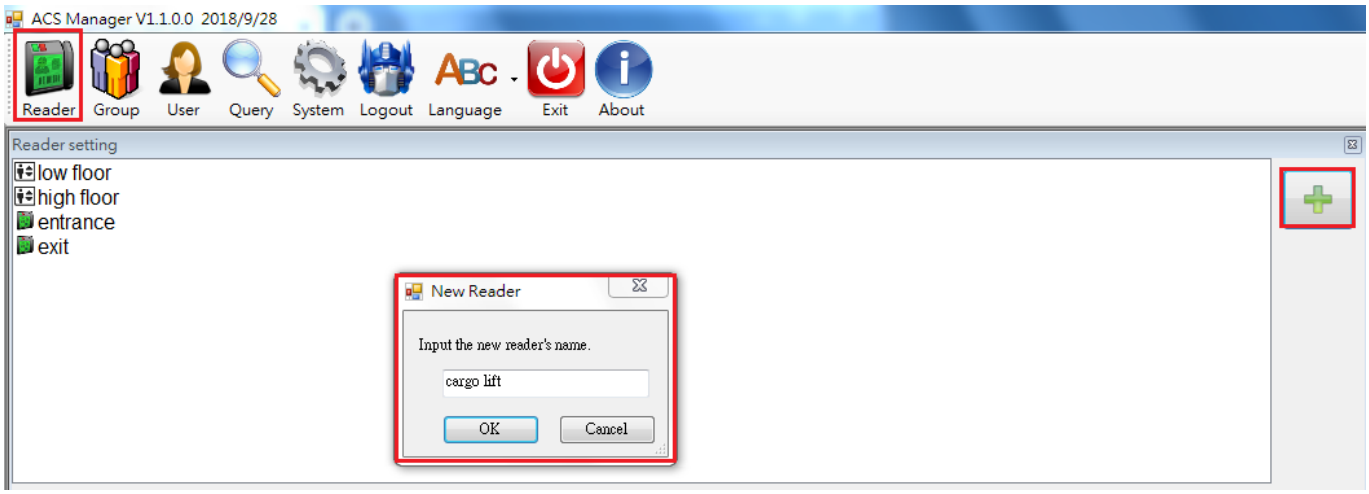
Click Logout button.



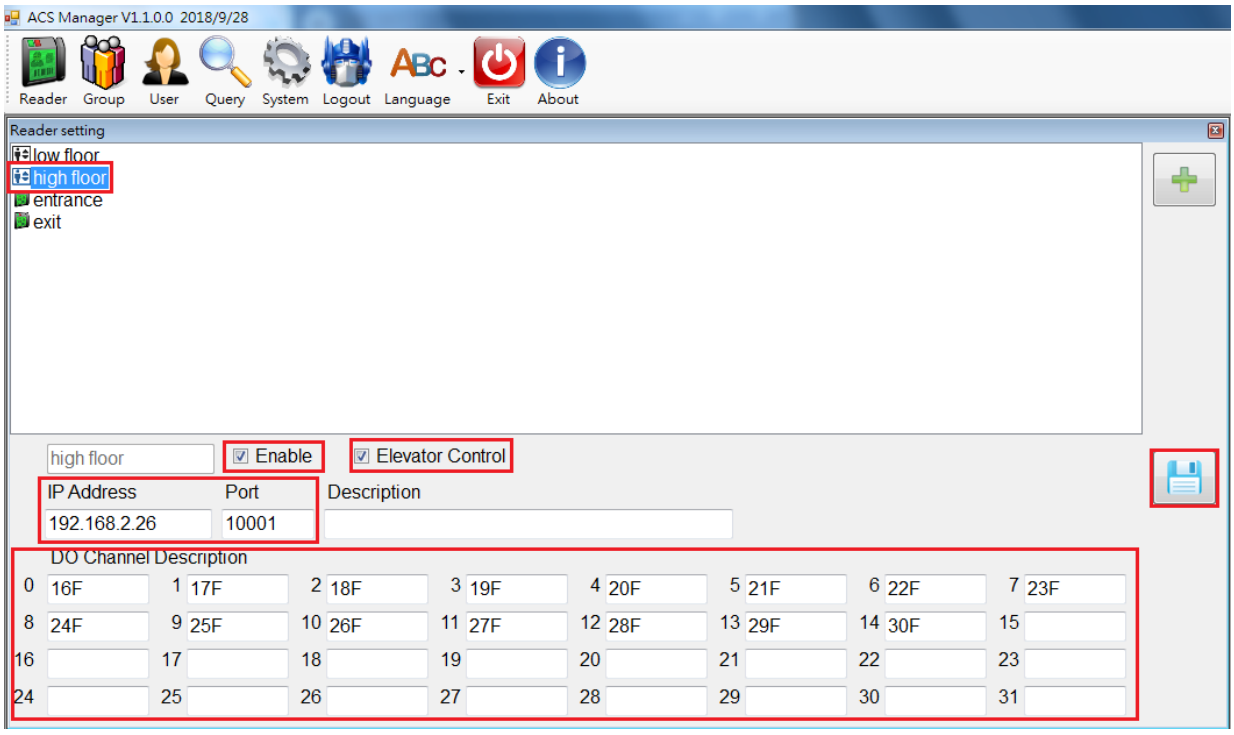
2.3 Reader configuration and elevator control

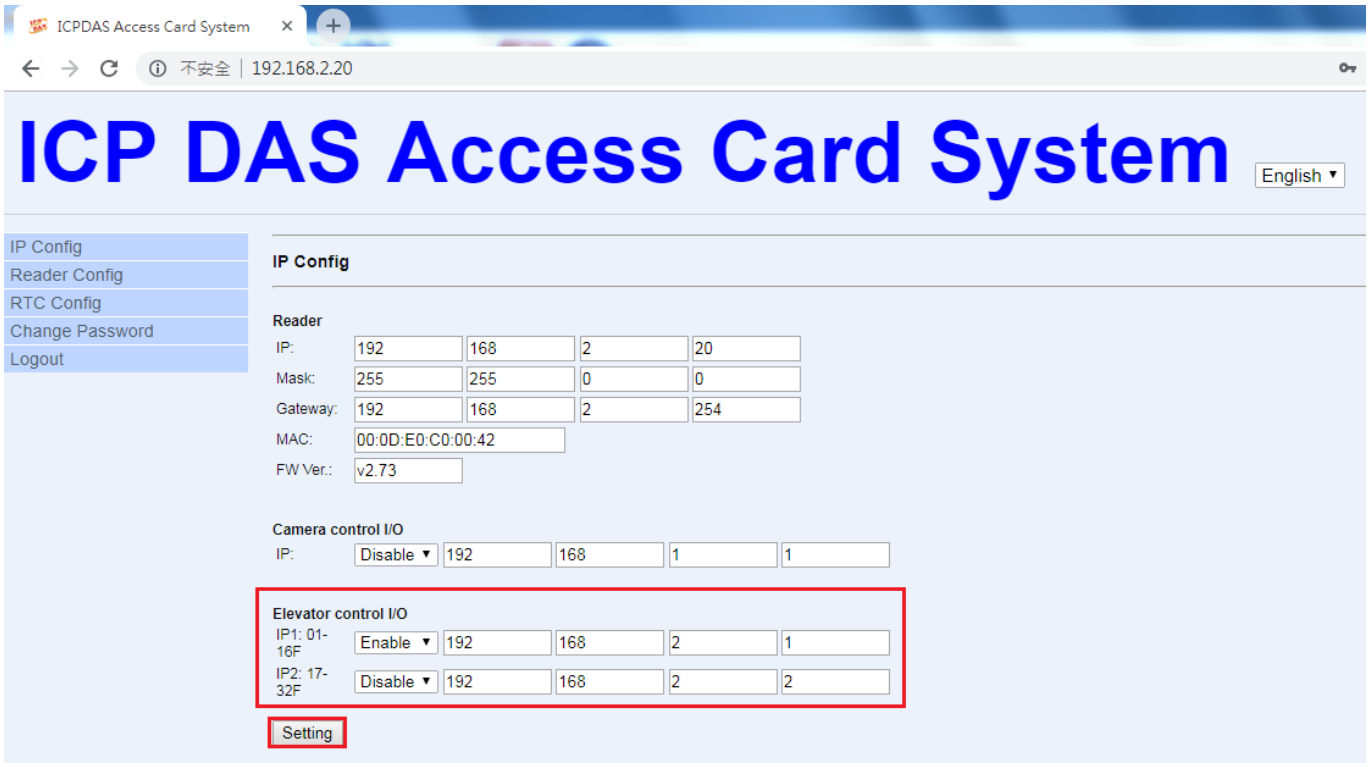
2.3.1 Add reader and turn on elevator control

Step1.Click Reader button and green plus button in the right side. Input reader name and click OK. The reader name just added will be listed on the left side.



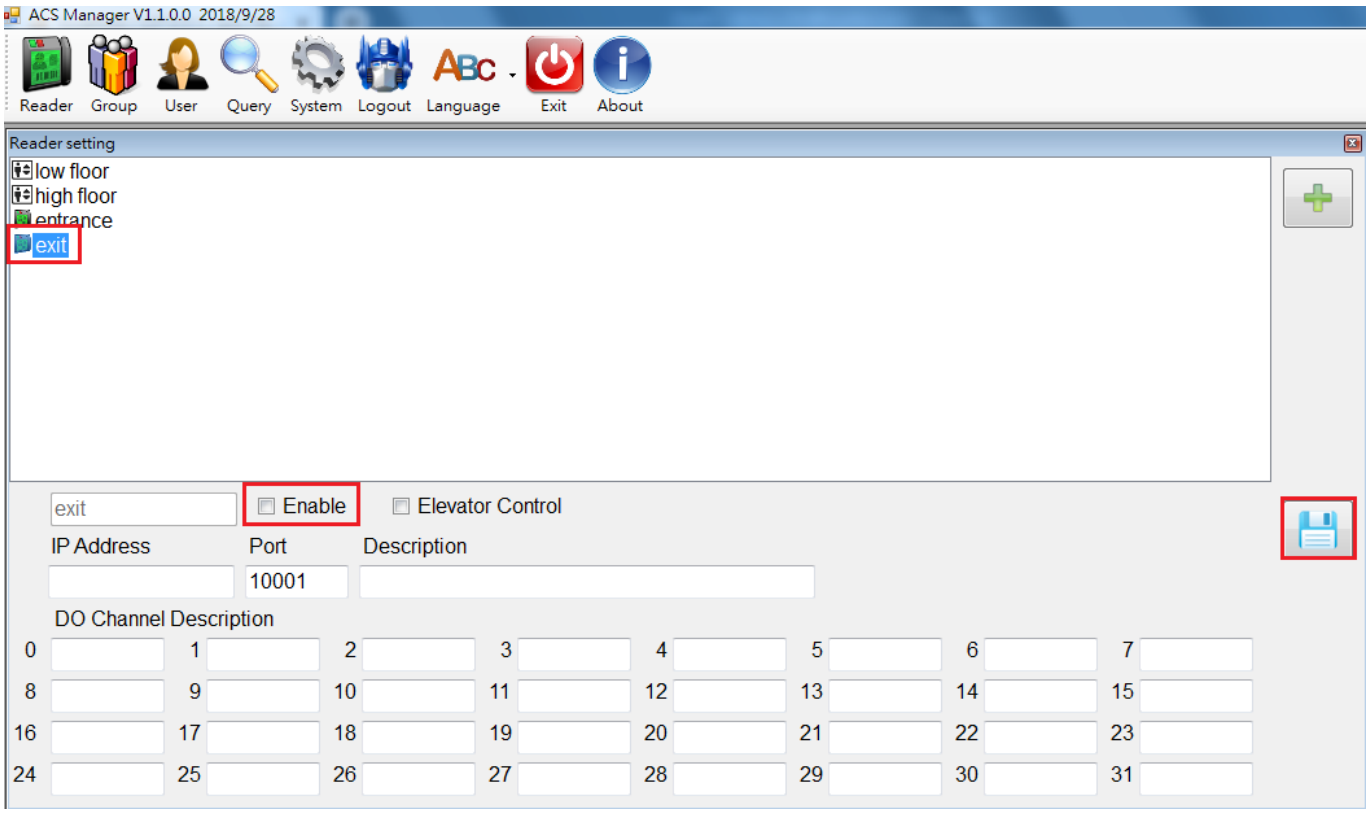
Step2.Select the new added reader in left side and check enable function. Input IP address and port. Users can turn on elevator control function by checking Elevator Control, inputting floor according to DO Channel Description, saving changes, and setting up IP address of elevator I/O module on the reader website. Users should access reader website by reader IP address and the default password is Admin.





2.3.2 Disable reader

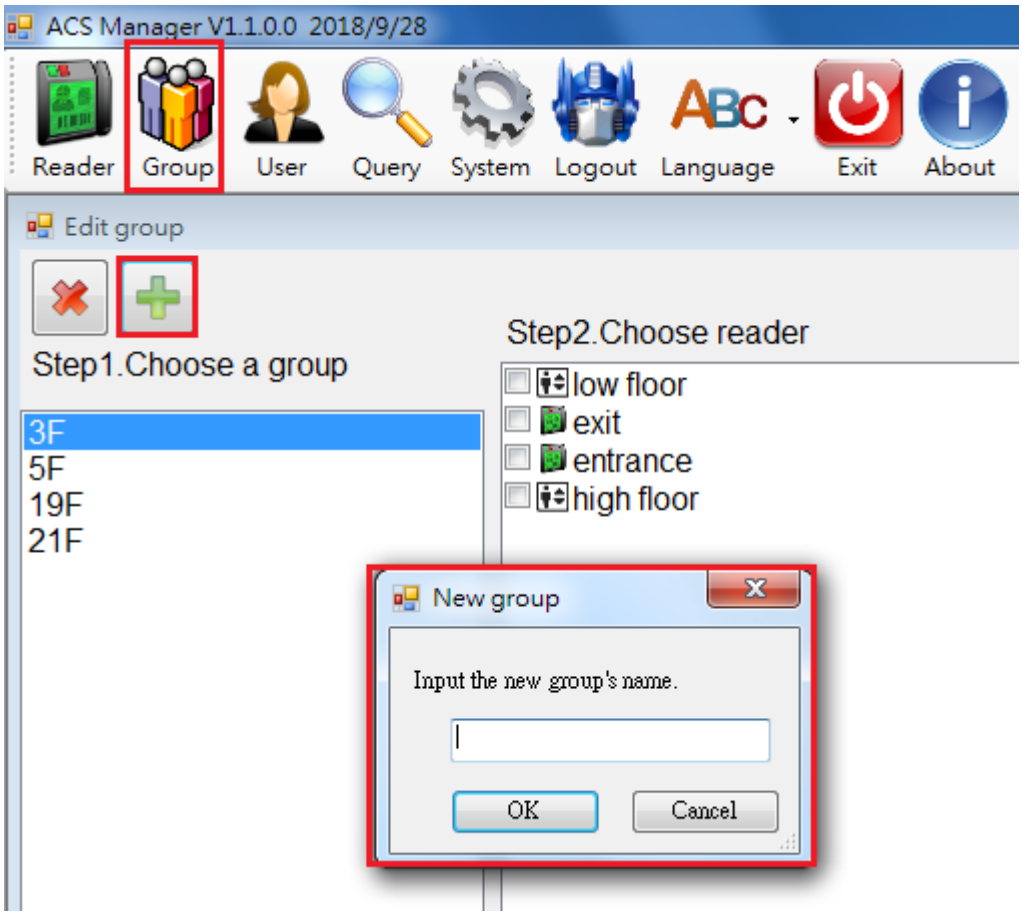
Select the reader to be disabled in left side and uncheck enable function. Then click the save button to save the changes.



2.4 Edit group

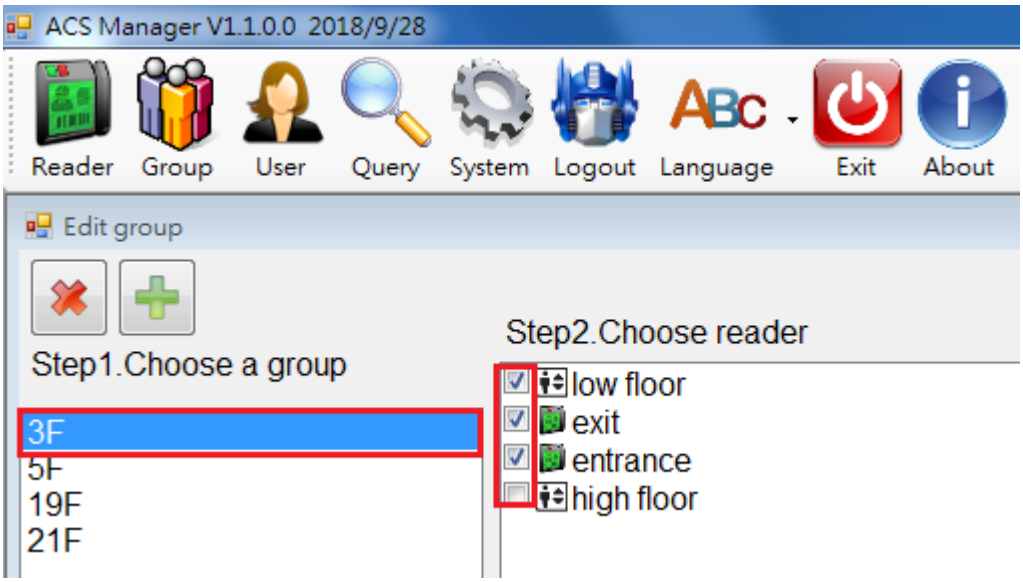
2.4.1 Add group

Click Group button, click green plus button, input group name, and click OK. The group just added will be listed on the left side.

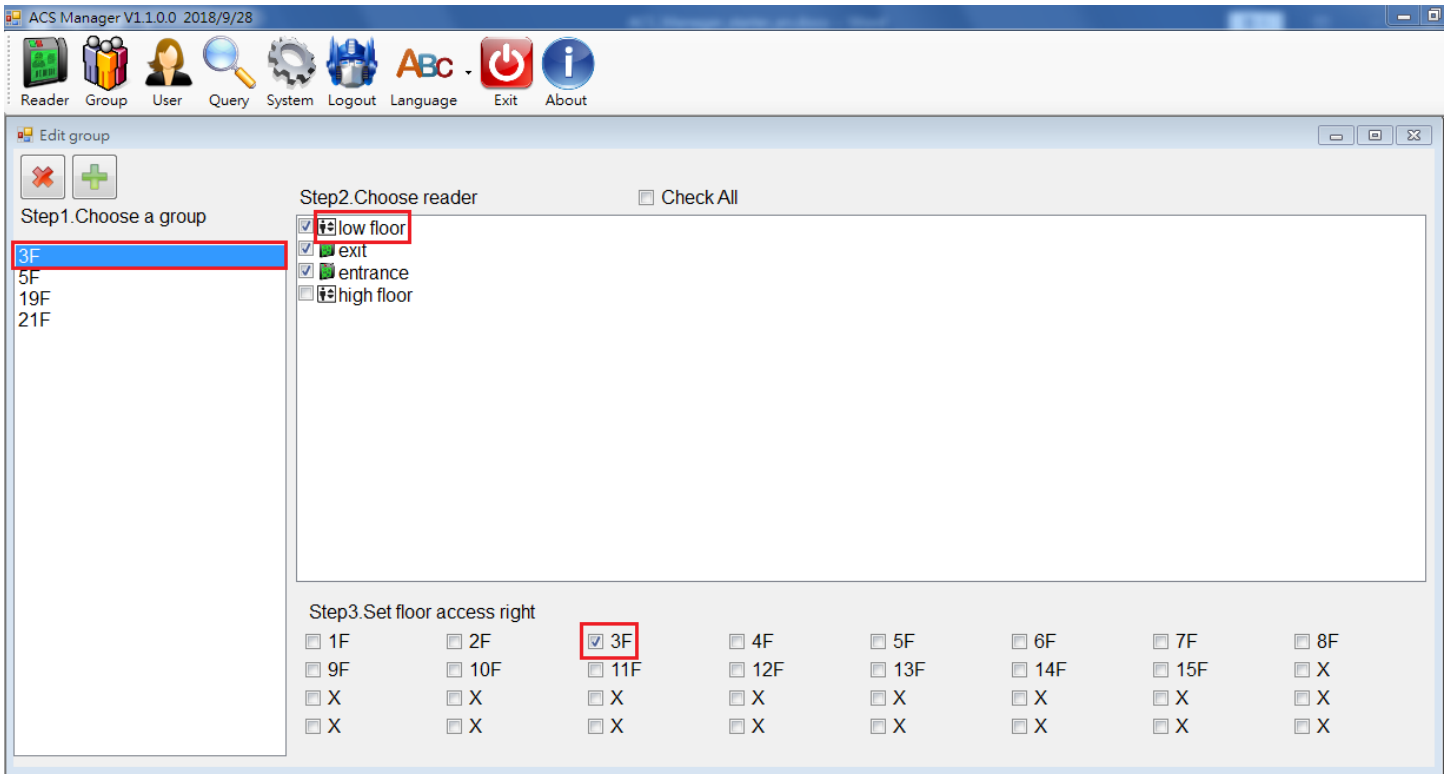


2.4.2 Edit group member and floor setting of elevators

Select the group to be changed on the left side and check the reader to be added on the right side. Or uncheck the reader to be removed from group.

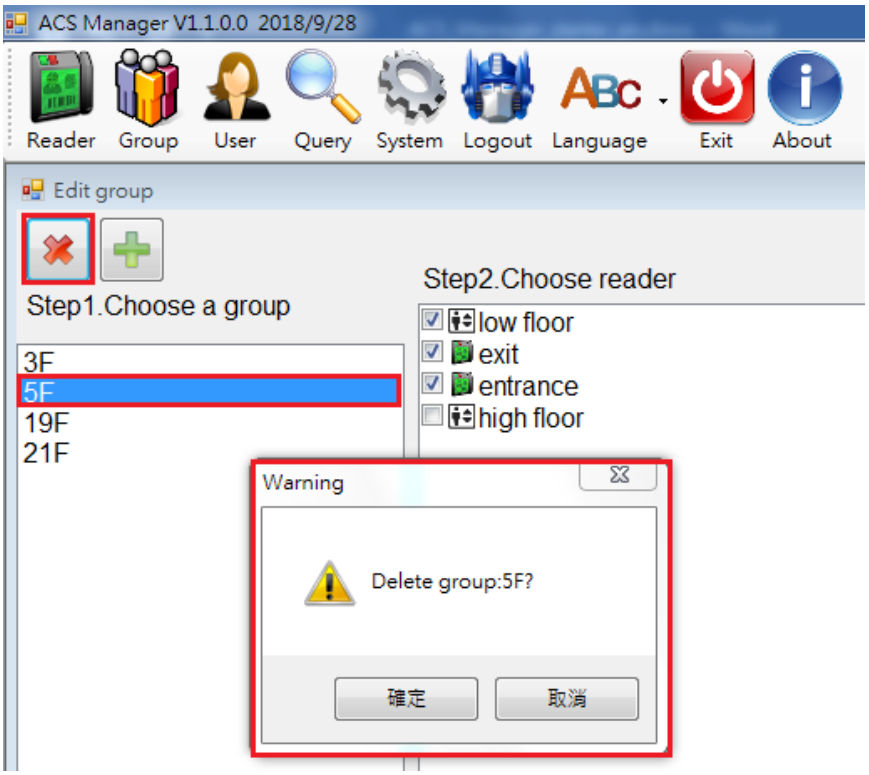


Select the group to be changed on the left side, select the reader which has elevator access permission on the right side, and check the floor to open access below.



2.4.3 Delete group

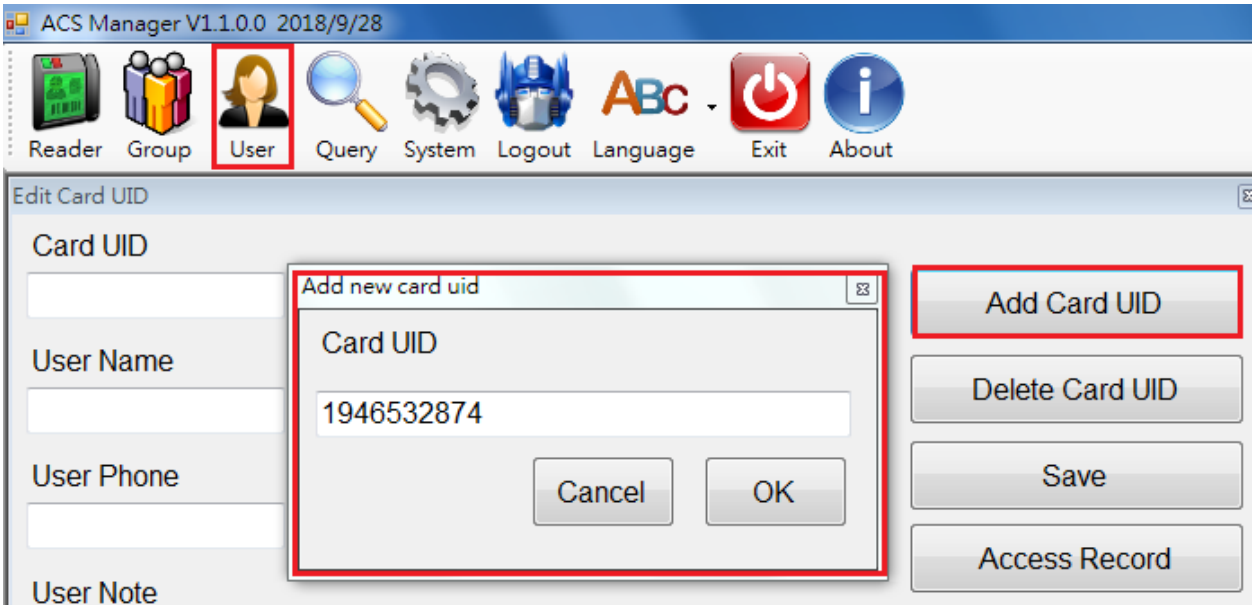
Select the group to be deleted on the left side and click the red x button. A double check message box will be displayed. Make sure the group name to be deleted is correct and click OK.



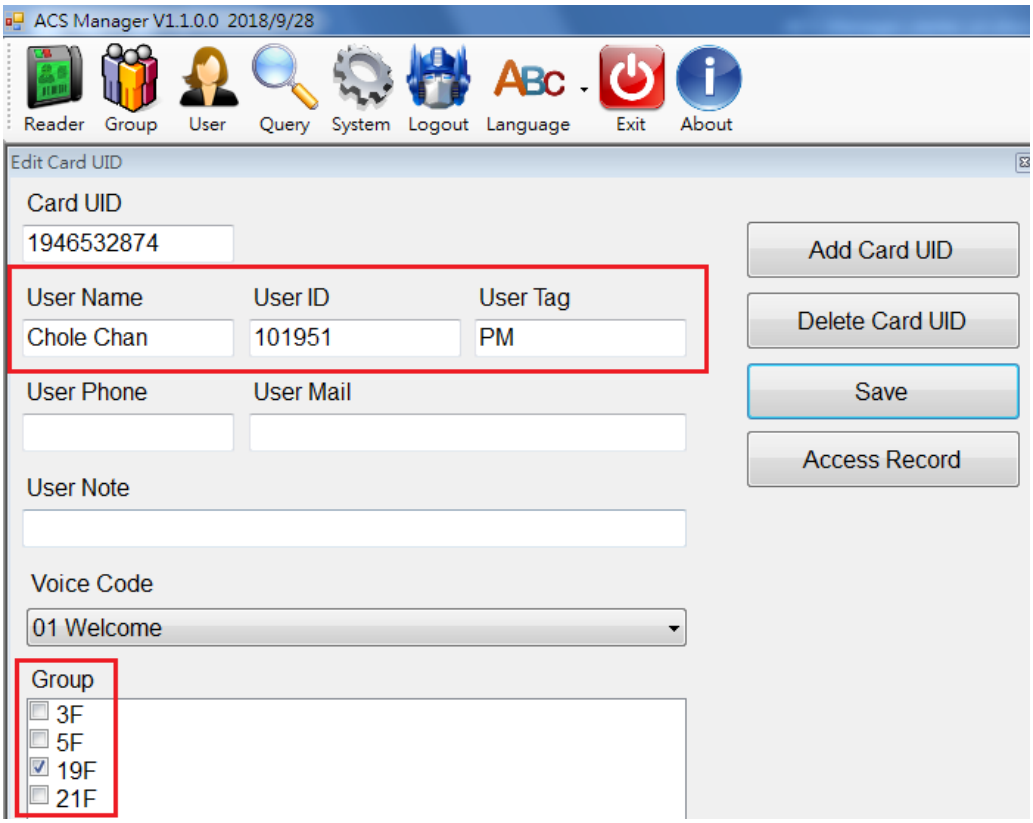
2.5 Edit card information

2.5.1 Add card UID

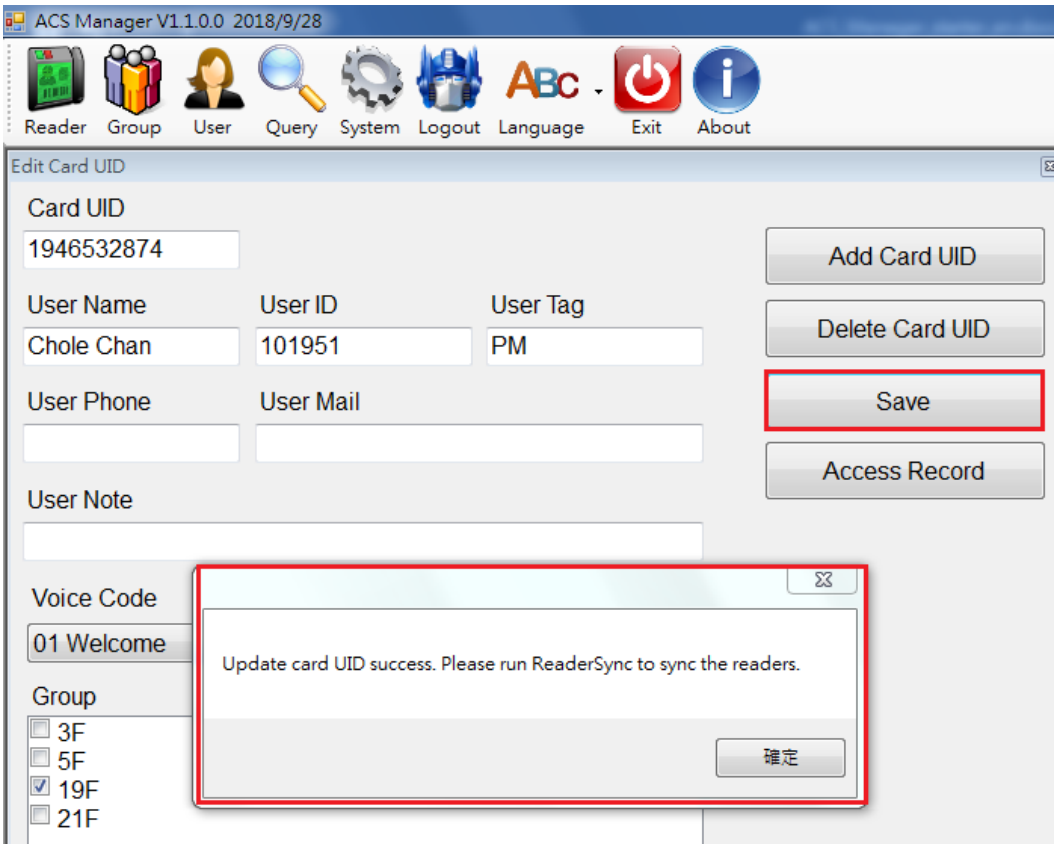
Step1.Click user button, click Add Card UID, and input Card UID.

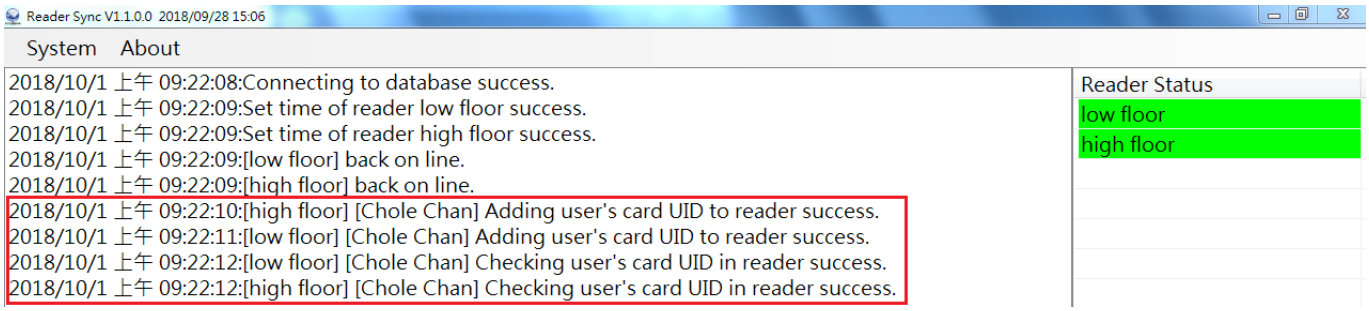


Step2.After click OK, Card UID just added will fill in field automatically. User should fill in other fields and select proper Voice Code and group.



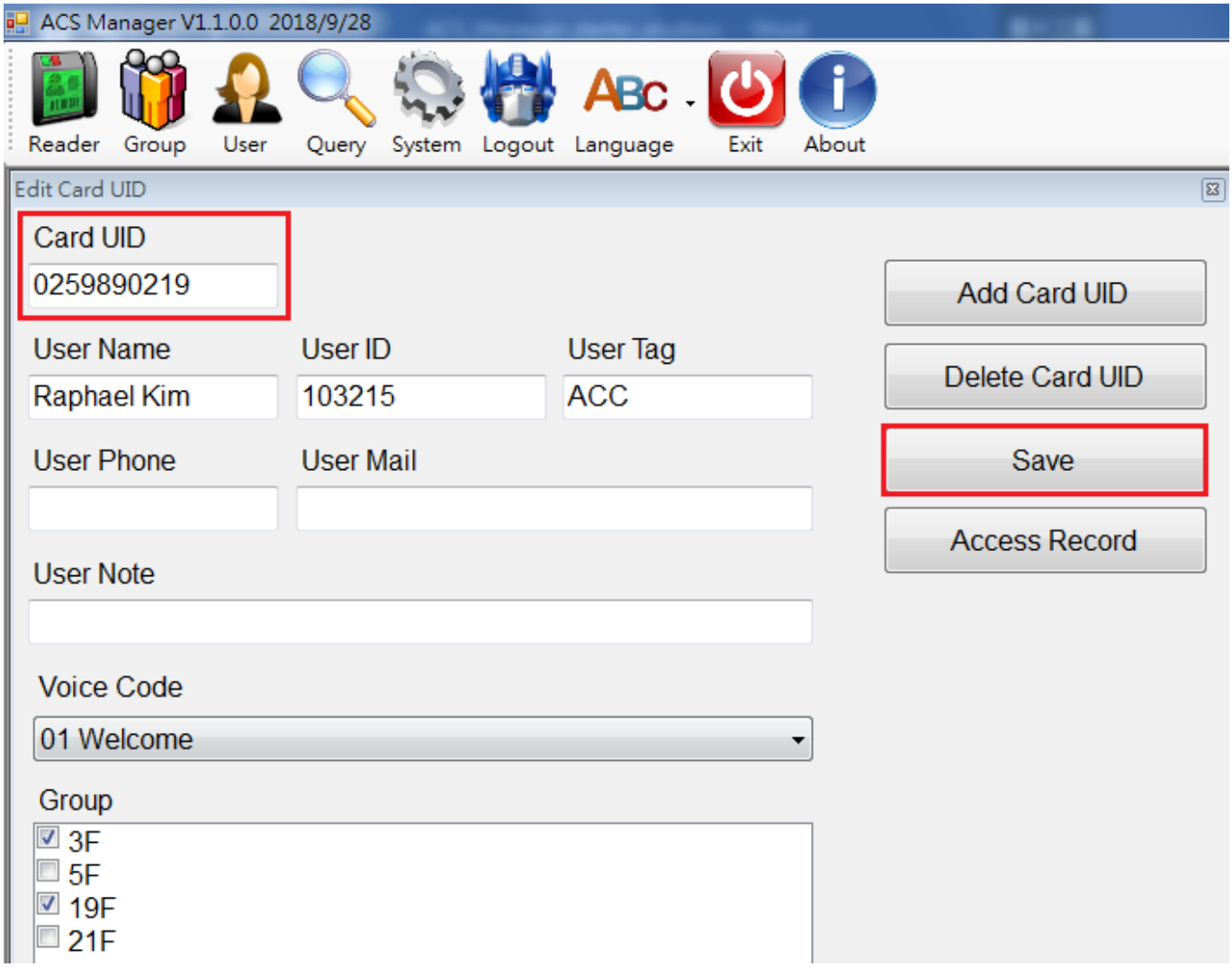
Step3.Click the Save button on the right side. A message box asking user to execute reader synchronization program will be displayed. Click OK and execute ReaderSync.exe. If adding user card UID succeeded, it will seem like below.





2.5.2 Edit card information

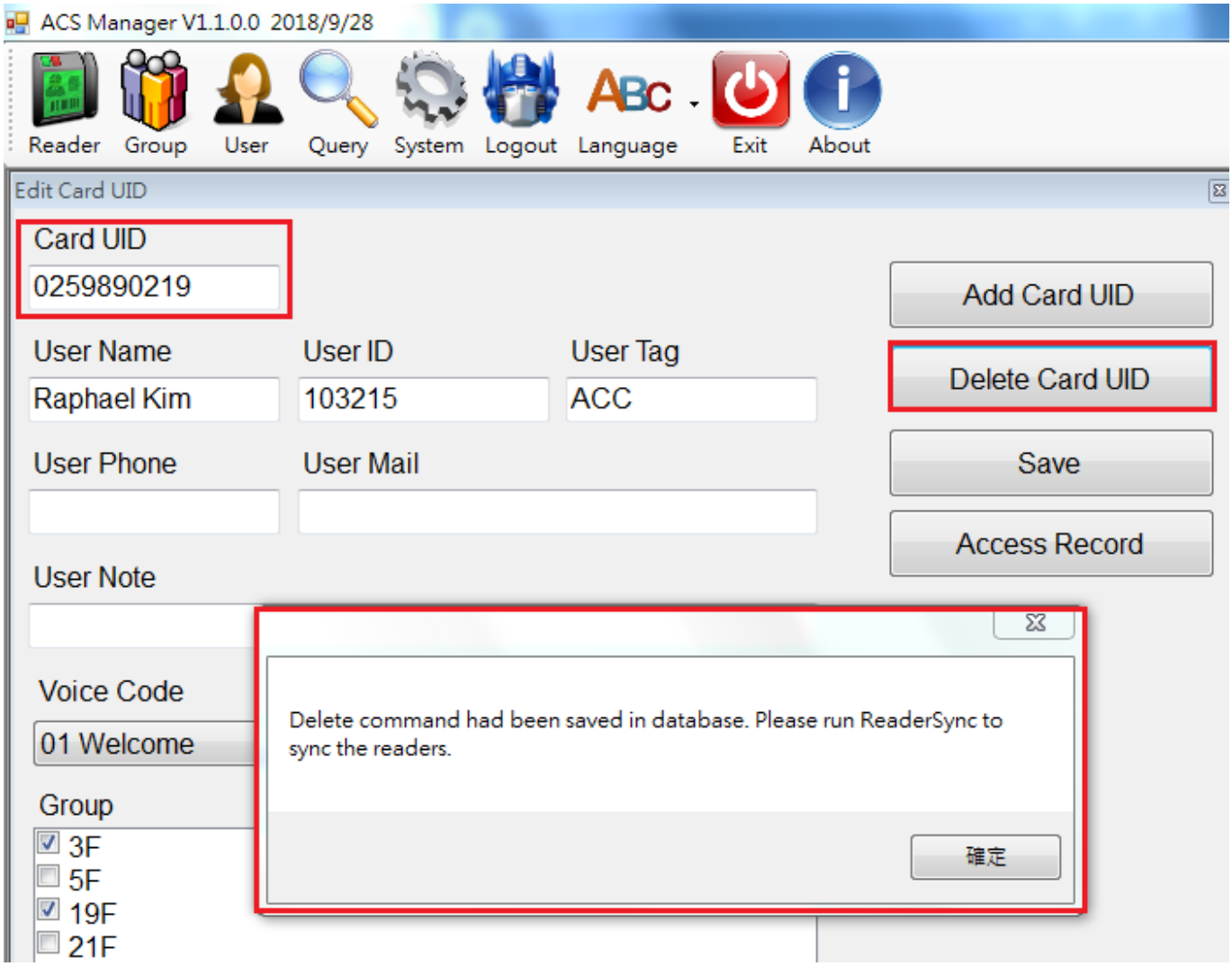
Step1.Input the Card UID and other fields will be automatically filled up by the information has been saved. User can edit and update information.

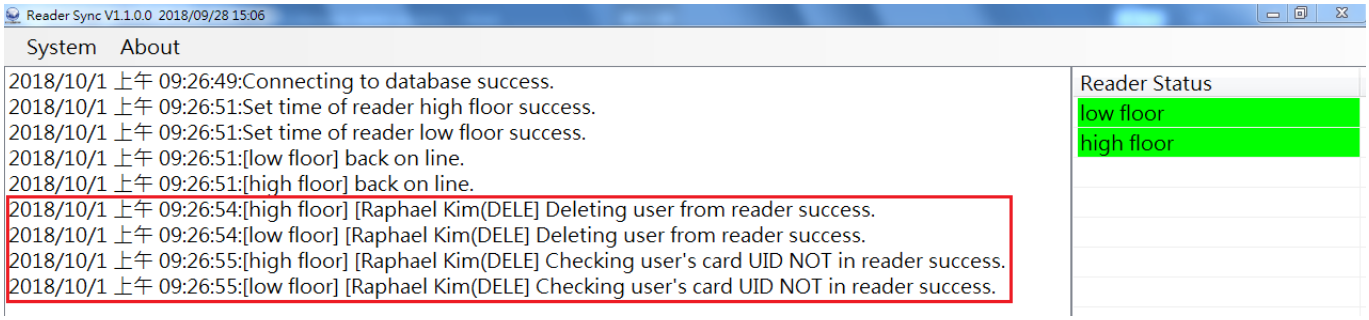


Step2. Click the Save button on the right side. A message box asking user to execute reader synchronization program will be displayed. Click OK and execute ReaderSync.exe.

2.5.3 Delete card UID

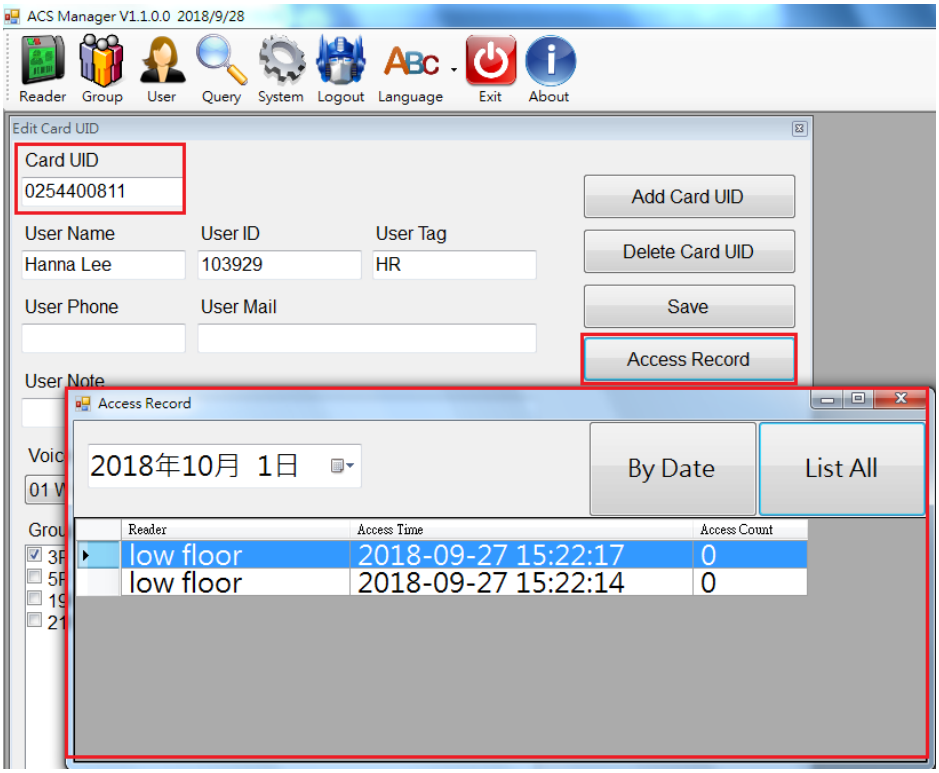
Input the Card UID to be deleted and other fields will be automatically filled up by the information has been saved. Click Delete Card UID on the right side. A message box asking user to execute reader synchronization program will be displayed. Click OK and execute ReaderSync.exe. If deleting user card UID succeeded, it will seem like below.





2.5.4 Look up access record

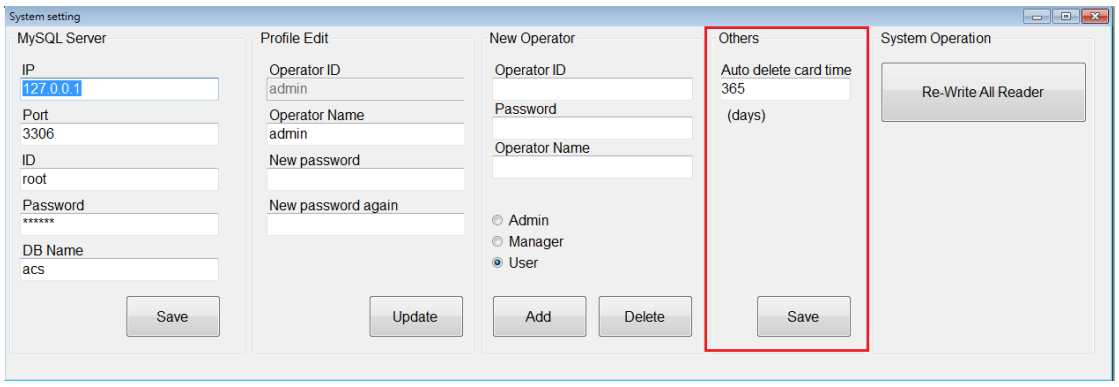
Input the Card UID to be looked up and other fields will be automatically filled up by the information has been saved. Click Access Record on the right side. User can choose to check the record By Date or List All.



2.5.5 Delete card number Automatically

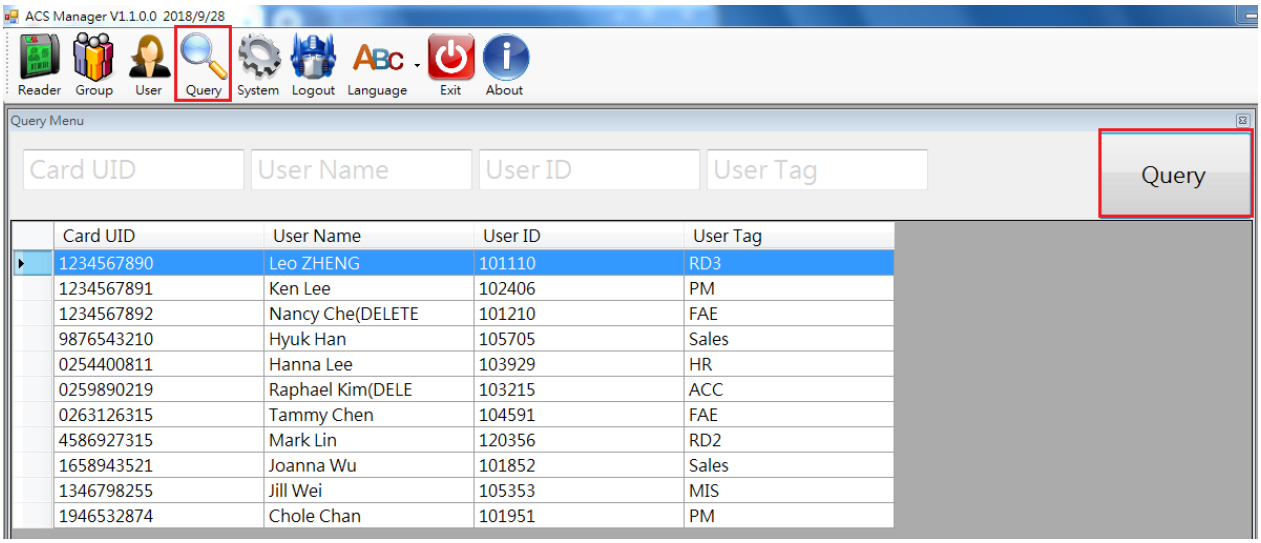
ACS Manager provides automatic card deletion function; if the card has not been swiped for a long time, ACS Manager will automatically delete the card number from the card reader.

Set the number of days to delete the card number in the system settings. If the card in the database does not have a swipe record after the set number of days, the card will be deleted from all card readers.

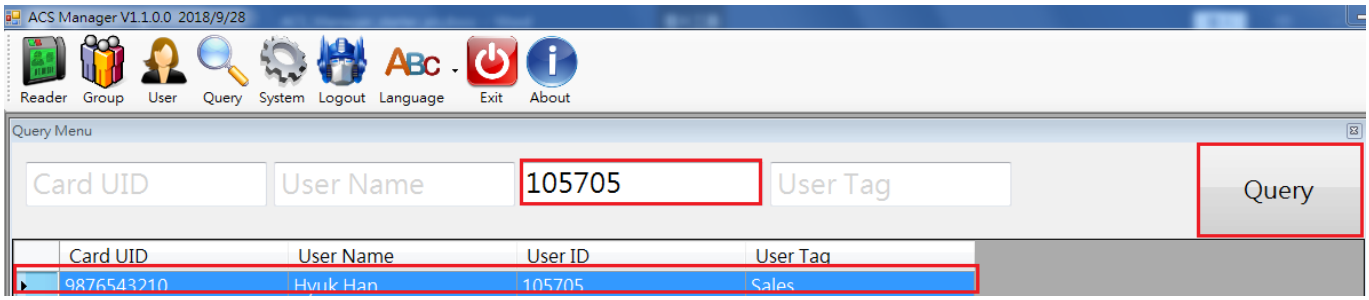


2.6 Look up card information

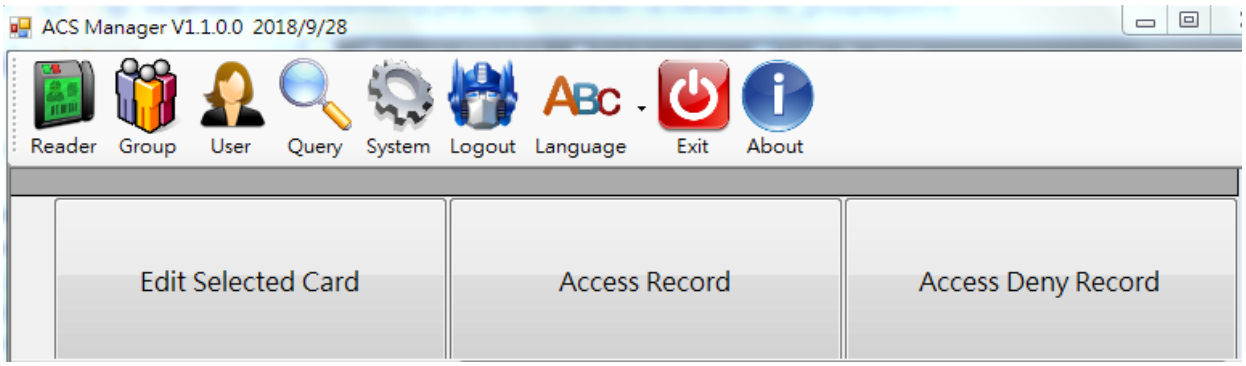
Click Query button on the top and on the right side one. All the user card information recorded will be displayed.

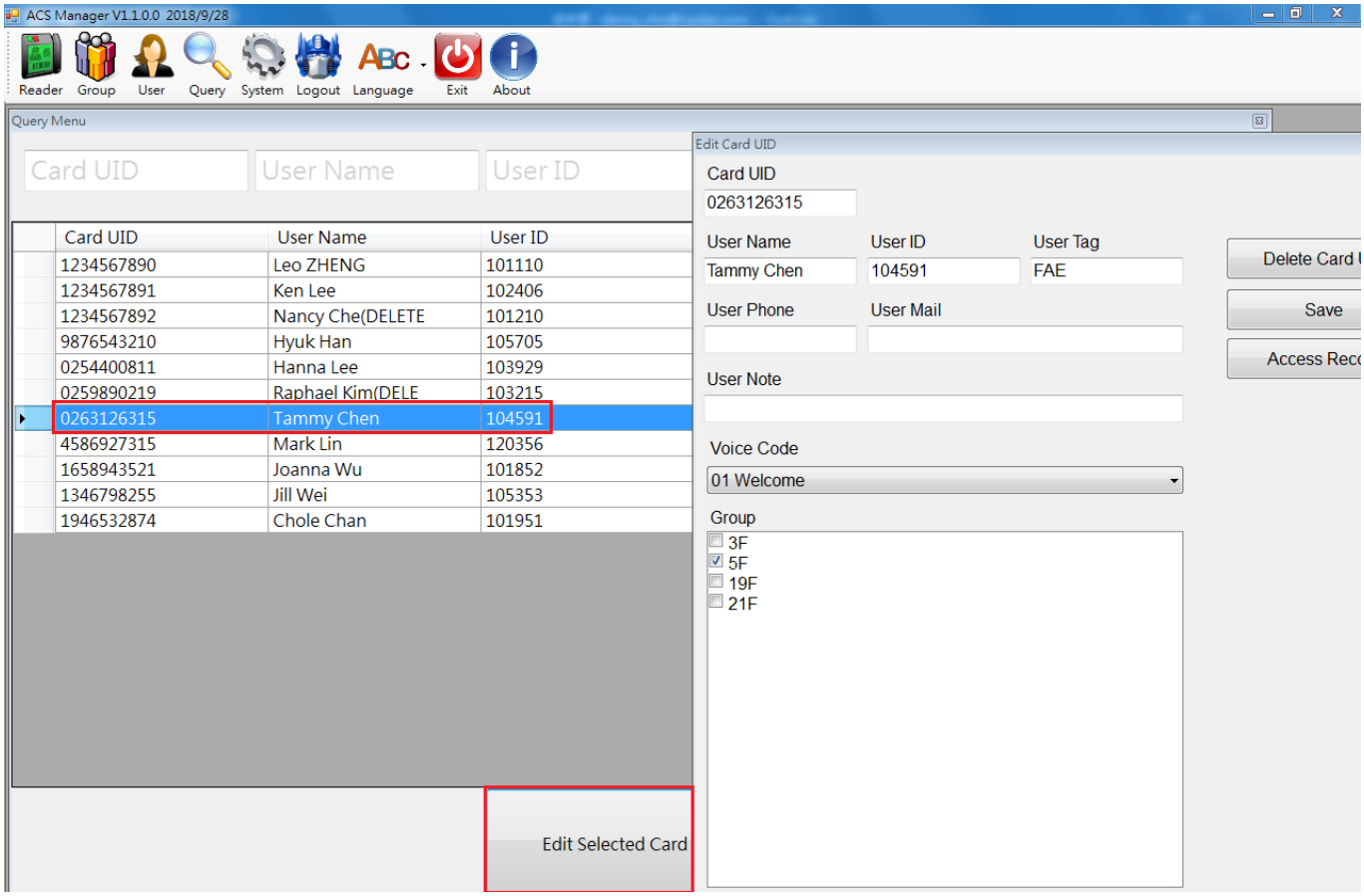


User can also input any one of the fields and click Query button to look up for specific user.



There are three function buttons on the bottom. The one on the far left can edit the selected card information. The middle one can check access record for specific user card. The one on the far right can list all the access denied record and add these Card UIDs into database

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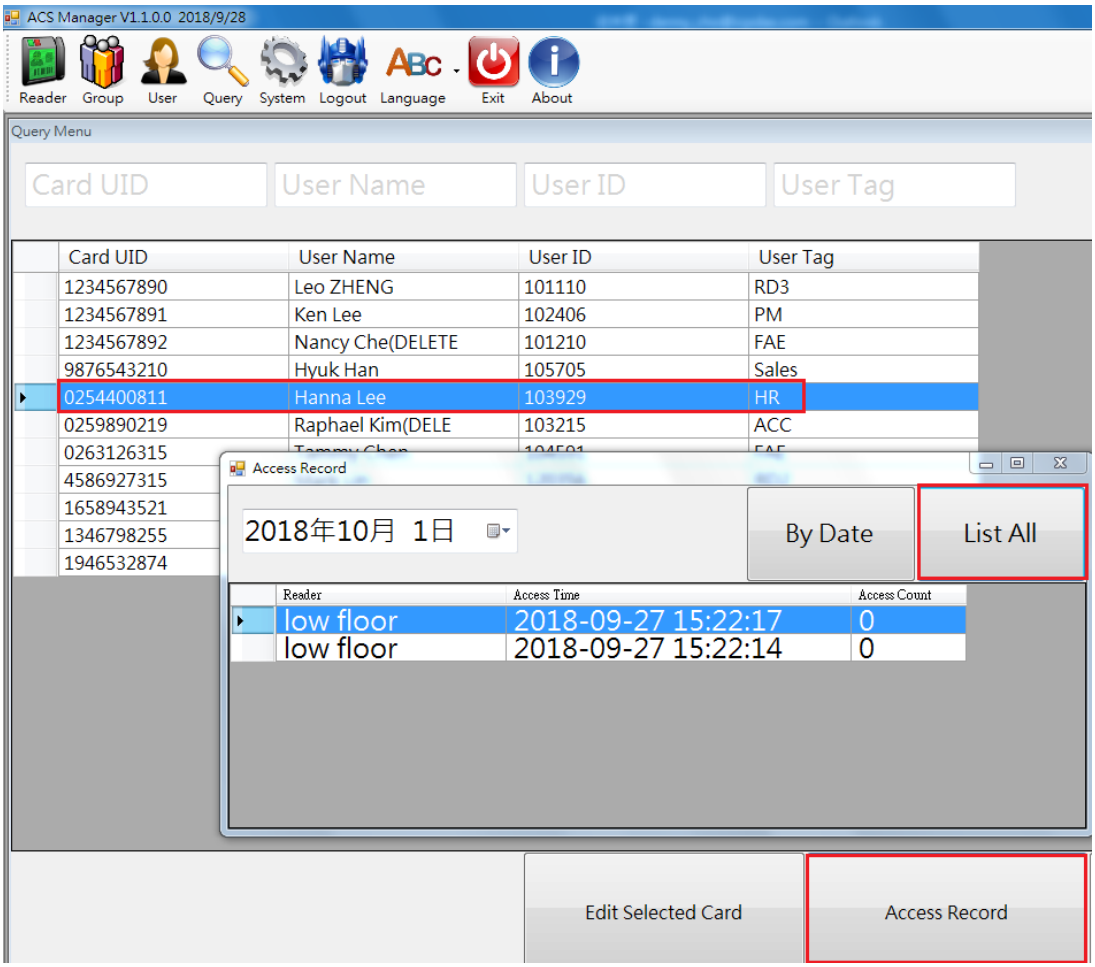
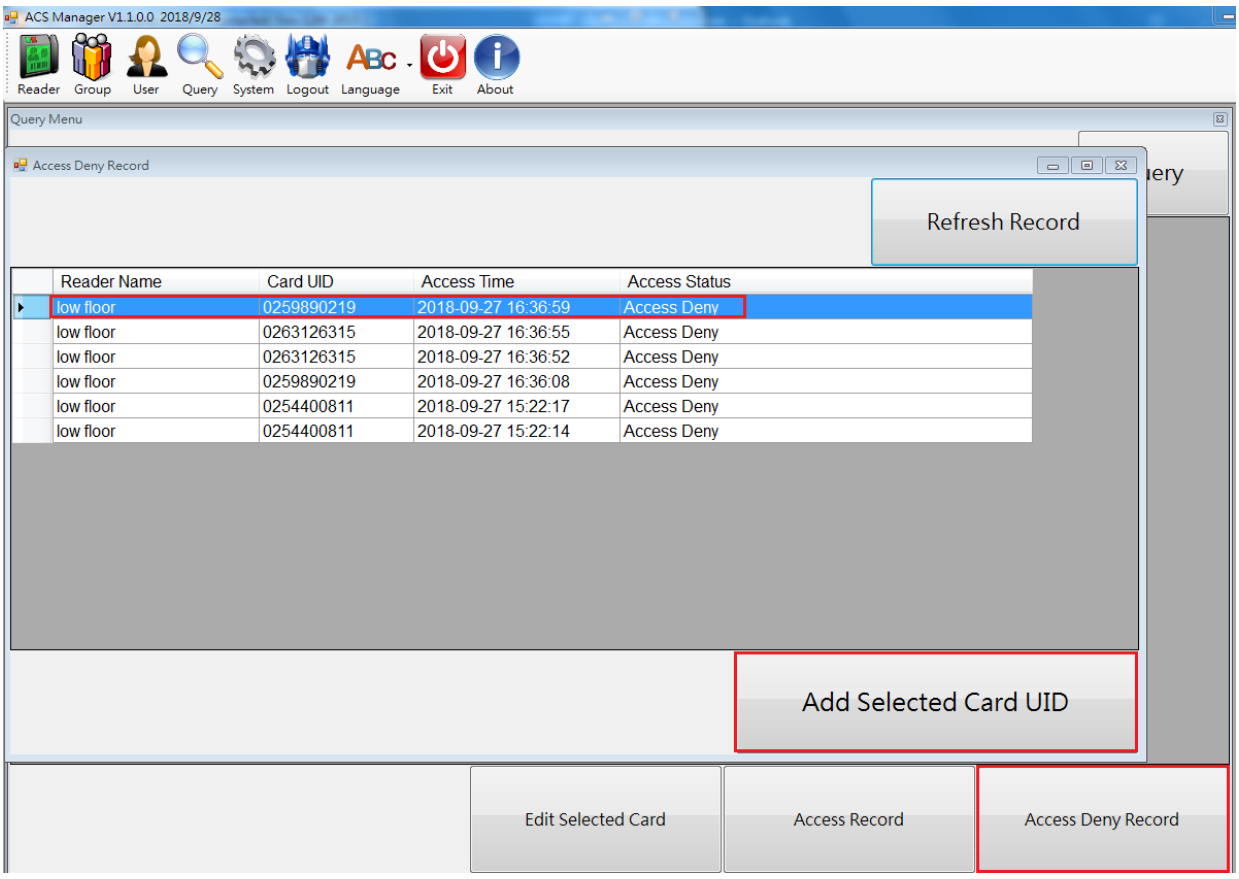
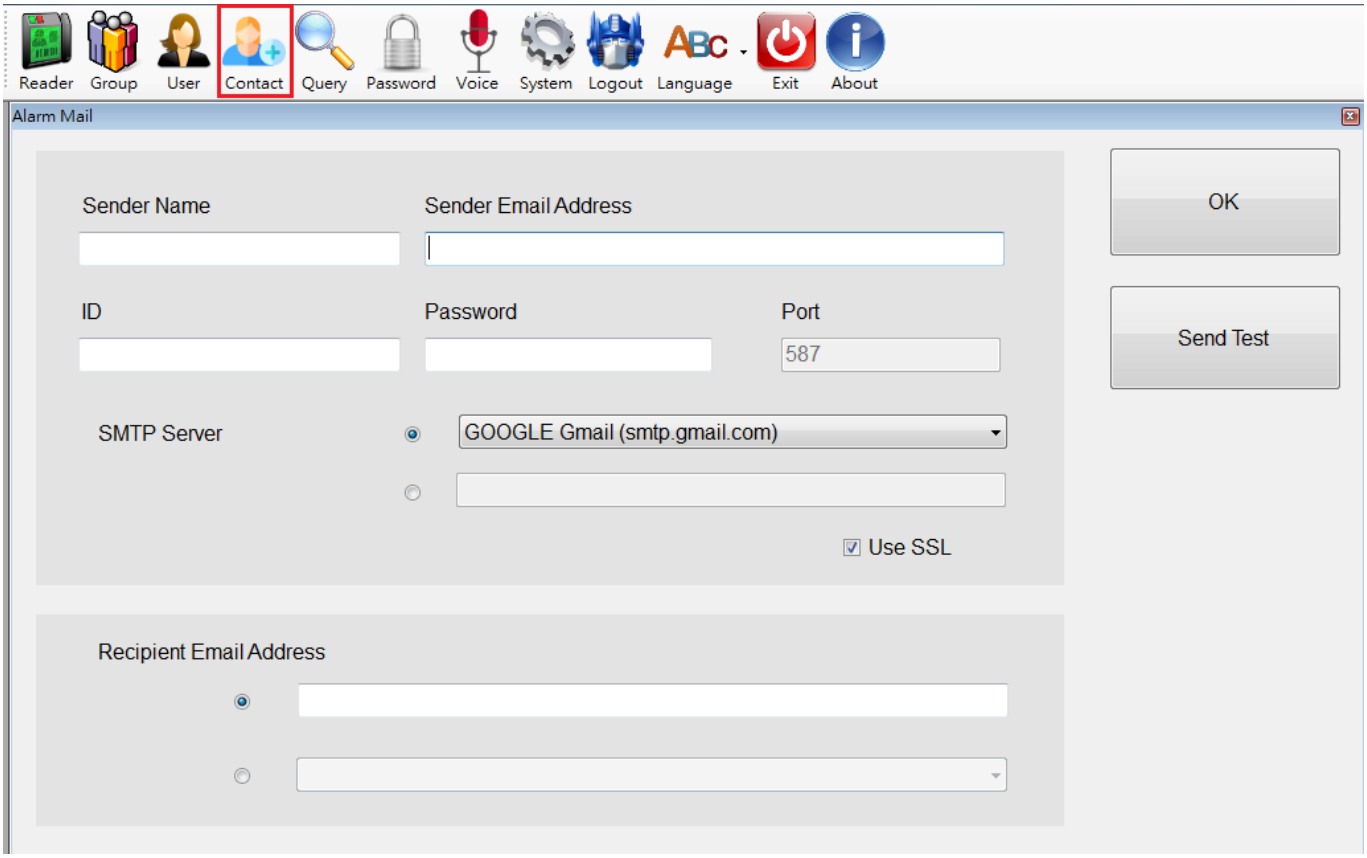
Reader
Group
User
Query
System
Logout
Language
Exit
About
Query Menu
Card UID
User Name
User ID
Card UID
User Name
User ID
1234567890
Leo ZHENG
101110
1234567891
Ken Lee
102406
1234567892
Nancy Che(DELETE
101210
9876543210
Hyuk Han
105705
0254400811
Hanna Lee
103929
0259890219
Raphael Kim(DELE
103215
0263126315
Tammy Chen
104591
4586927315
Mark Lin
120356
1658943521
Joanna Wu
101852
1346798255
Jill Wei
105353
1946532874
Chole Chan
101951
Edit Selected Card
Edit Card UID
Card UID
0263126315
User Name
Tammy Chen
User ID
104591
User Tag
FAE
User Phone
User Mail
User Note
Voice Code
01 Welcome
Group
3F
5F
19F
21F
Delete Card
Save
Access Rec


ACS Manager V1.1.0.0 2018/9/28
Reader
Group
User
Query
System
Logout
Language
Exit
About
Query Menu
Card UID
User Name
User ID
User Tag
Card UID | User Name | User ID | User Tag
1234567890 | Leo ZHENG | 101110 | RD3
1234567891 | Ken Lee | 102406 | PM
1234567892 | Nancy Che(DELETE | 101210 | FAE
9876543210 | Hyuk Han | 105705 | Sales
0254400811 | Hanna Lee | 103929 | HR
0259890219 | Raphael Kim(DELE | 103215 | ACC
0263126315
4586927315
1658943521
1346798255
1946532874
Access Record
2018年10月 1日
By Date
List All
Reader | Access Time | Access Count
low floor | 2018-09-27 15:22:17 | 0
low floor | 2018-09-27 15:22:14 | 0
Edit Selected Card
Access Record


ACS Manager V1.1.0.0 2018/9/28
Reader
Group
User
Query
System
Logout
Language
Exit
About
Query Menu
Access Deny Record
Refresh Record
Reader Name | Card UID | Access Time | Access Status
low floor | 0259890219 | 2018-09-27 16:36:59 | Access Deny
low floor | 0263126315 | 2018-09-27 16:36:55 | Access Deny
low floor | 0263126315 | 2018-09-27 16:36:52 | Access Deny
low floor | 0259890219 | 2018-09-27 16:36:08 | Access Deny
low floor | 0254400811 | 2018-09-27 15:22:17 | Access Deny
low floor | 0254400811 | 2018-09-27 15:22:14 | Access Deny
Add Selected Card UID
Edit Selected Card
Access Record
Access Deny Record

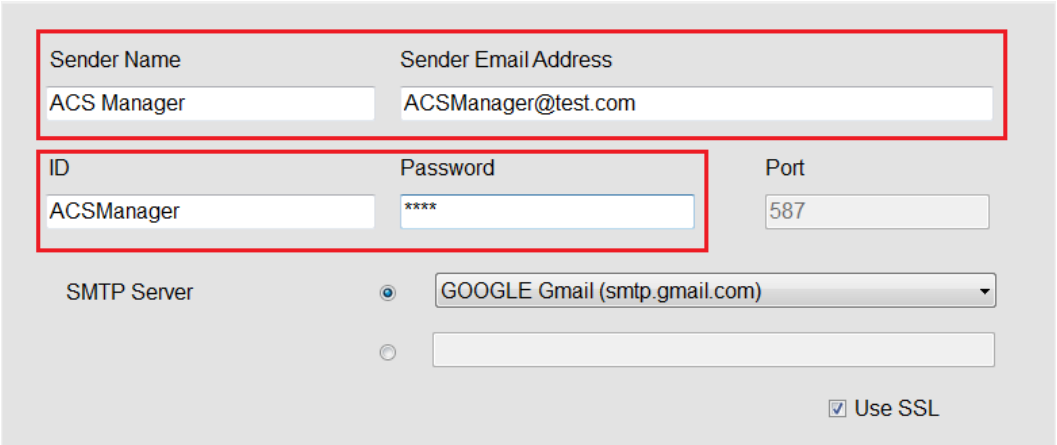
2.7 Contact

Clicking on the contact will bring up the contact setting page, where you can set the contact for the alert notification letter.

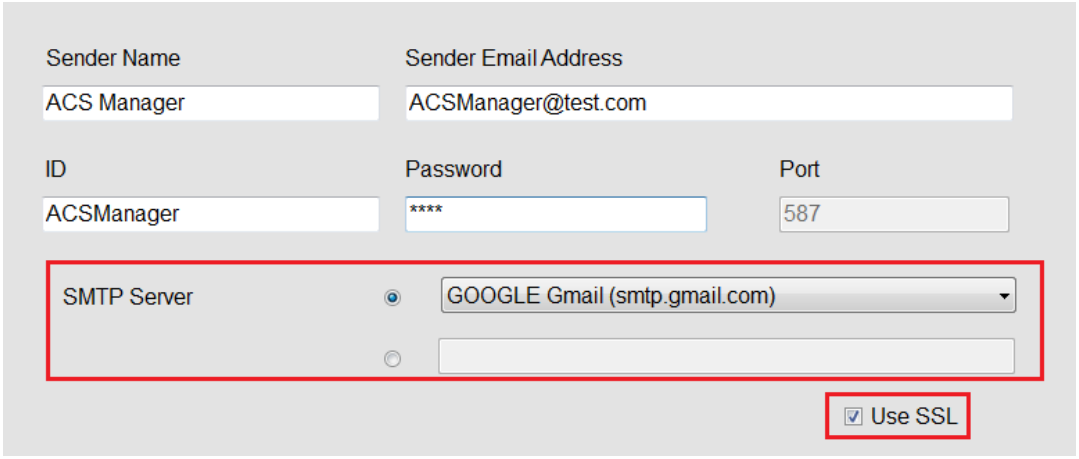


2.7.1 Set the sender

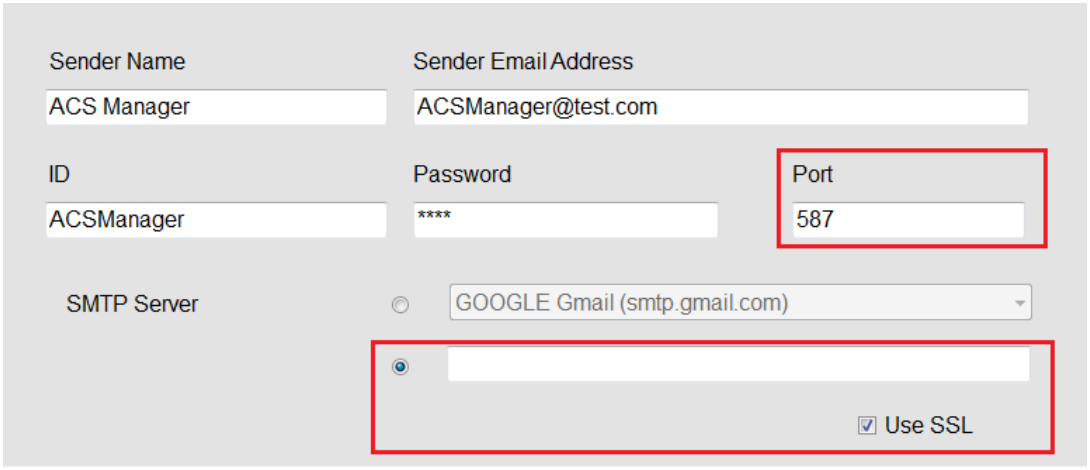
Step1.Fill sender name, sender e-mail address, mail ID and password.



Step2.Select the SMTP server address to send mail, and choose whether you want to enable SSL.



You can also enter the SMTP server address and port, and choose whether to enable SSL.



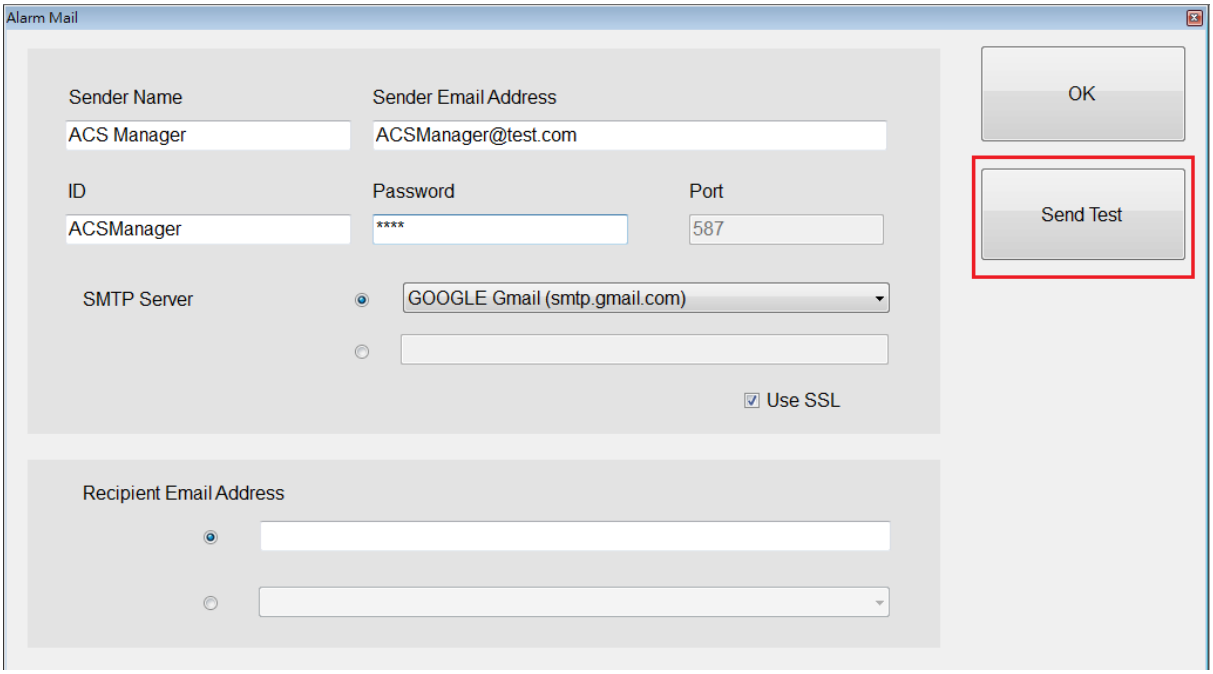
2.7.2 Set the recipient

Step1. Enter the recipient's e-mail address.

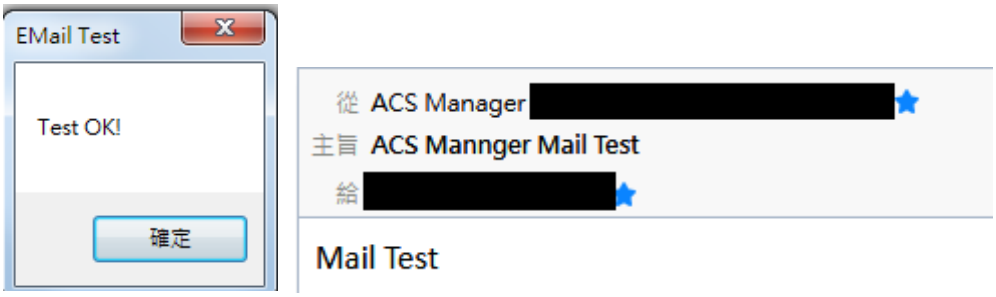
Or choose e-mail from the users.

2.7.3 Send Email Test

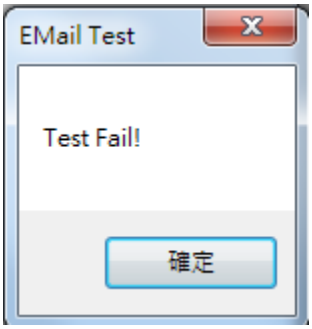
To test if the alarm mail can be sent successfully, enter the sender / recipient information and press `Send Test`



If the mail is sent successfully, the `Test OK!` window will pop up. Please go to the mailbox to confirm that recipient has received the alarm mail correctly.



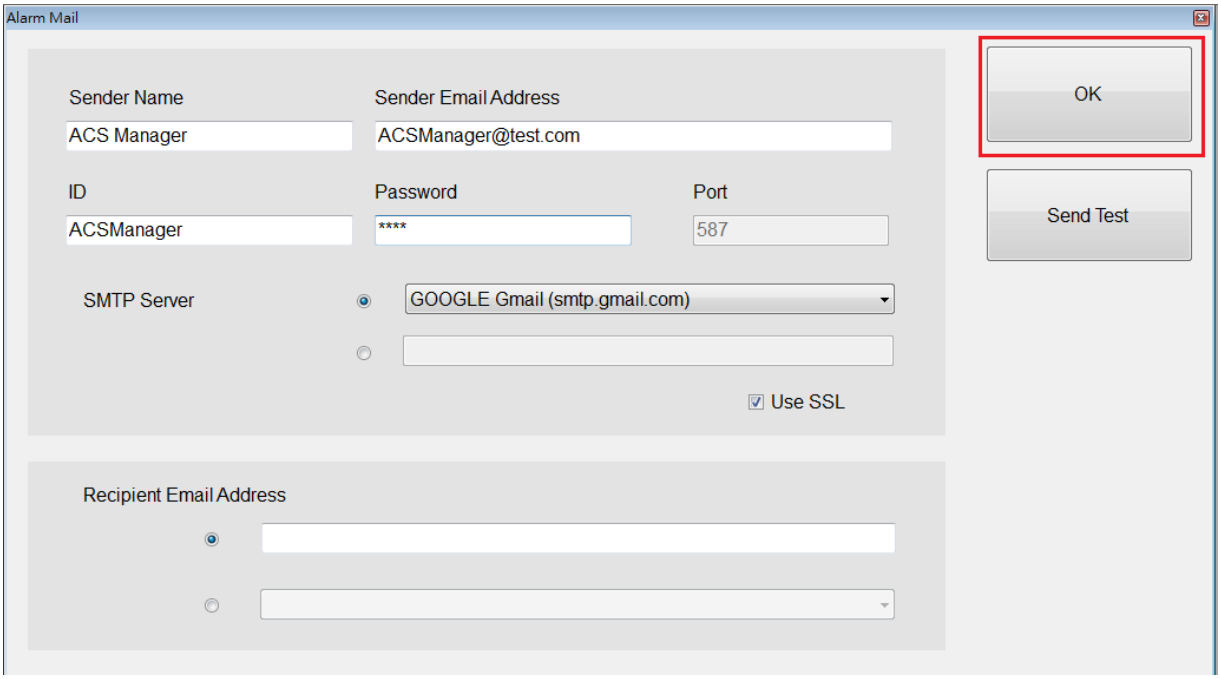
If the test fails, the `Test Fail` window pops up. At this time, please check whether the sender's information is entered incorrectly.



Note: To use Gmail Google please turn up **`less secure apps`**.
For details, please refer to google description
https://support.google.com/accounts/answer/6010255?hl=en

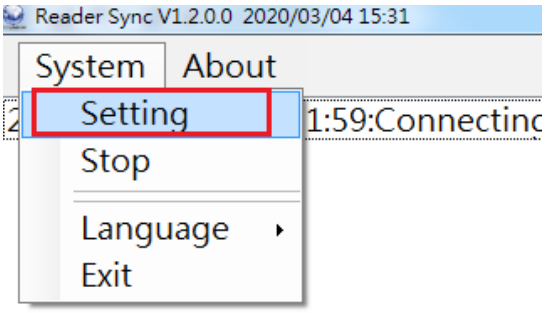
2.7.4 Save

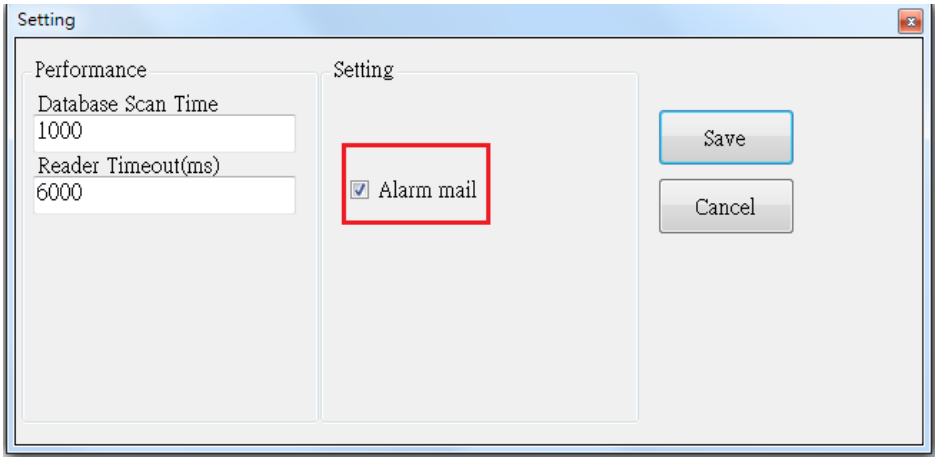
If you confirm that the fields are correct, click `OK` to save the contact information.



2.7.5 Enable alarm letter

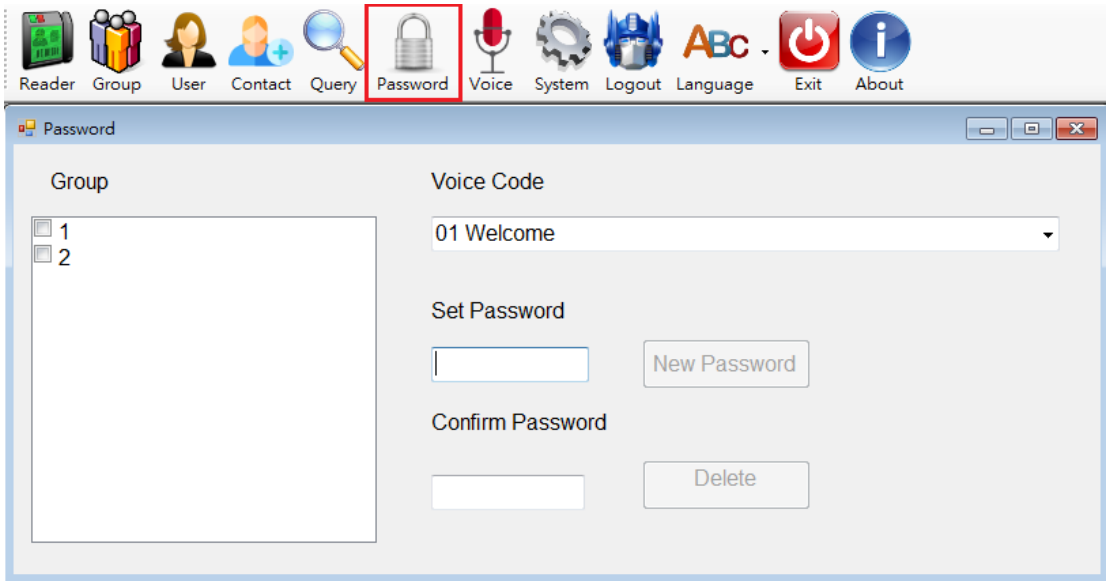
In ReaderSync, System- > Settings, you can choose whether to enable the alarm mail notification.





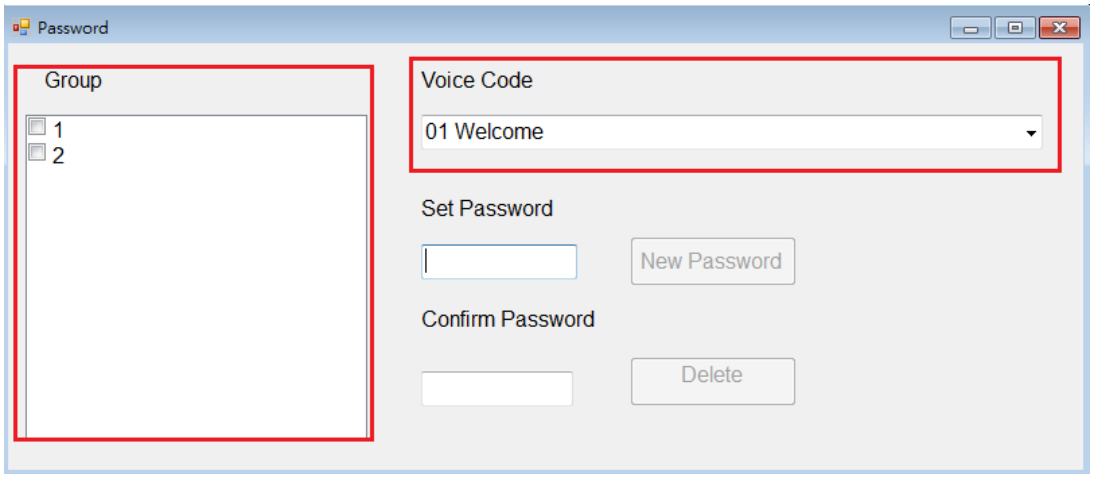
2.8 Password

Click the password to display the password setting page, where you can set the password of the readers.

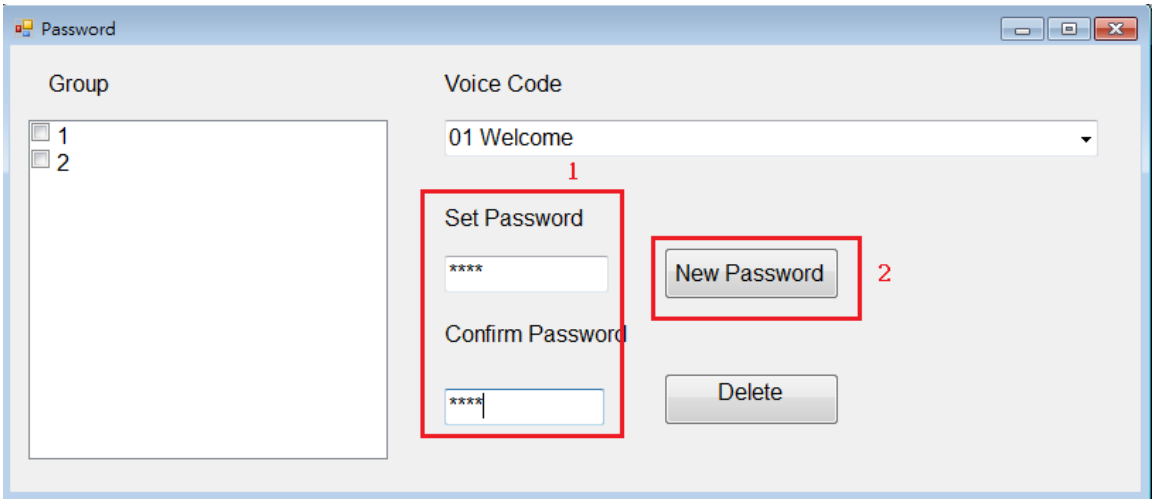


2.8.1 Set password

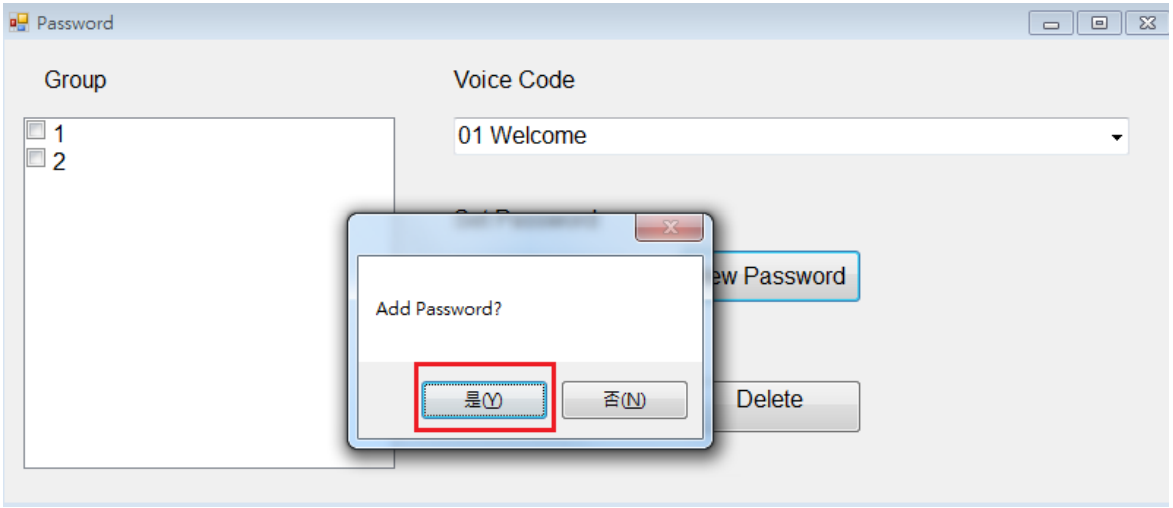
Step1. Select the group and select voice.



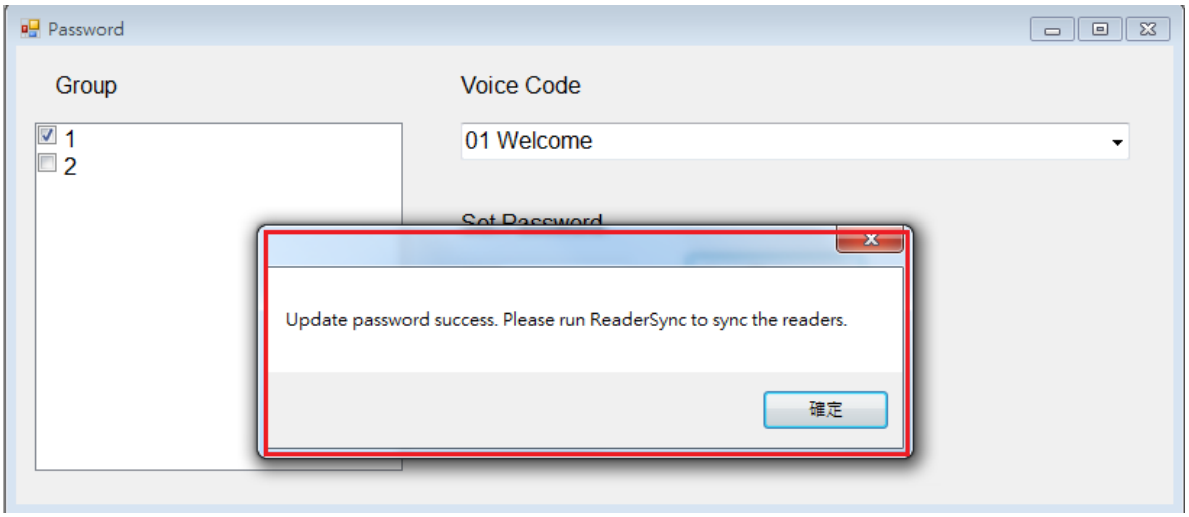
Step2. Enter the password (must be 4 digits) and confirm the password, then click `New Password`.



Step3. The check window will pop, to add this password please click `Yes`.

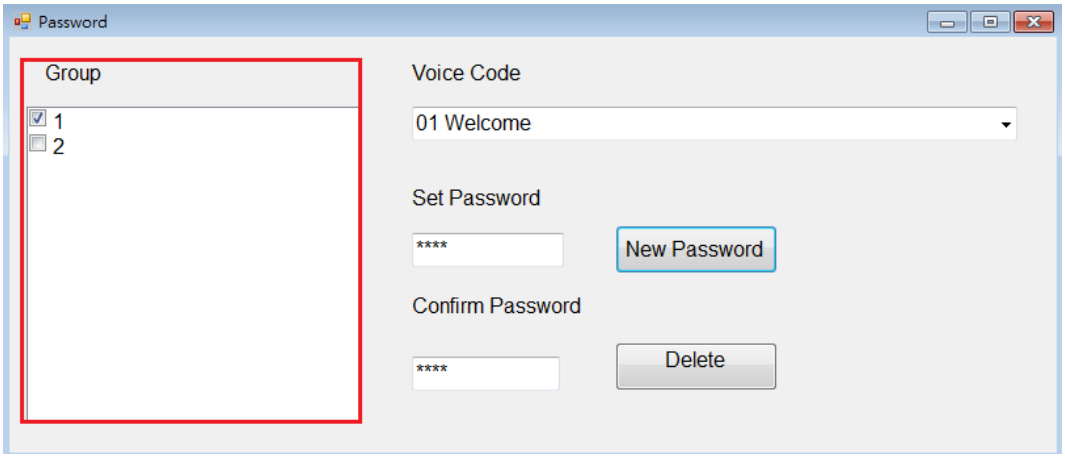


Step4. Update password success, please run ReaderSync to sync the password to readers.

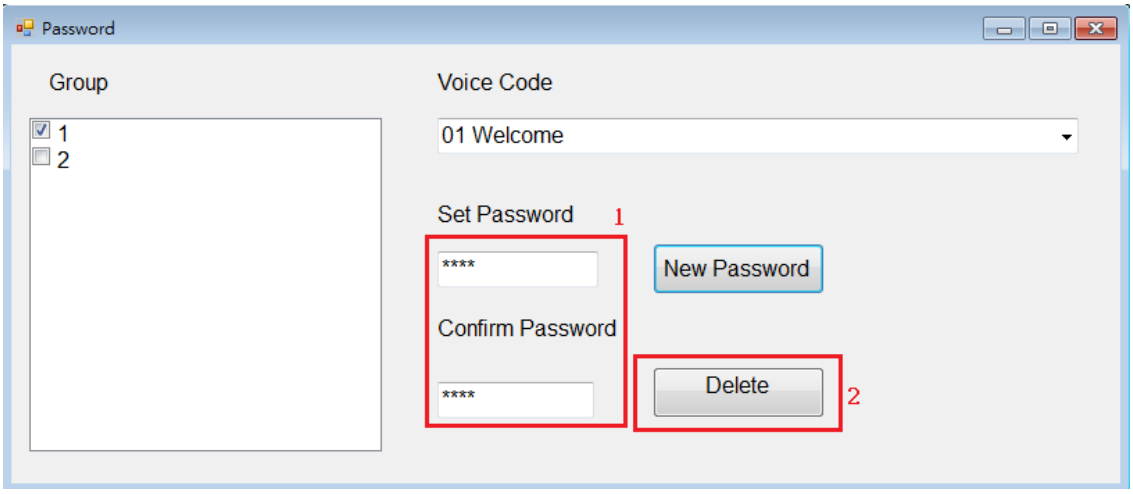


2.8.2 Remove password

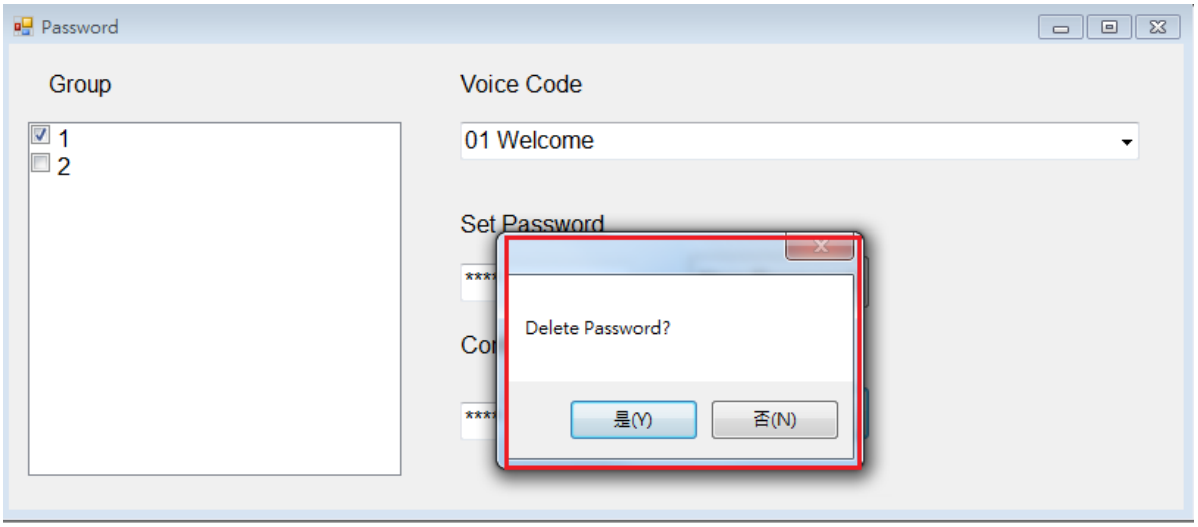
Step1. Select the group which want to delete the password.



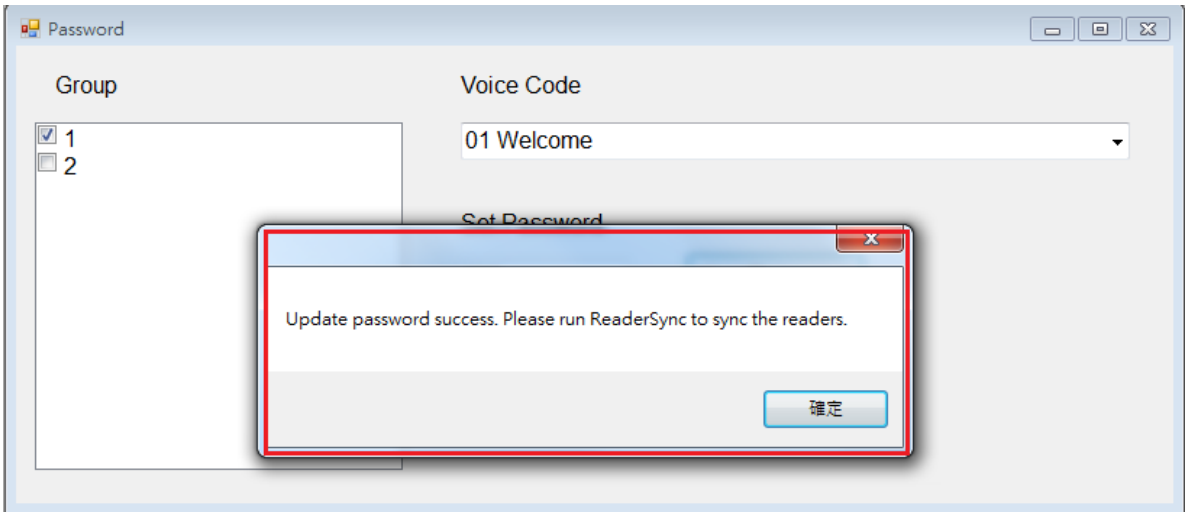
Step2. Enter the password you want to delete (must be 4 digits) and enter the password again to confirm, then click `Delete Password`.



Step3. The check window will pop, to delete this password please click `Yes`.

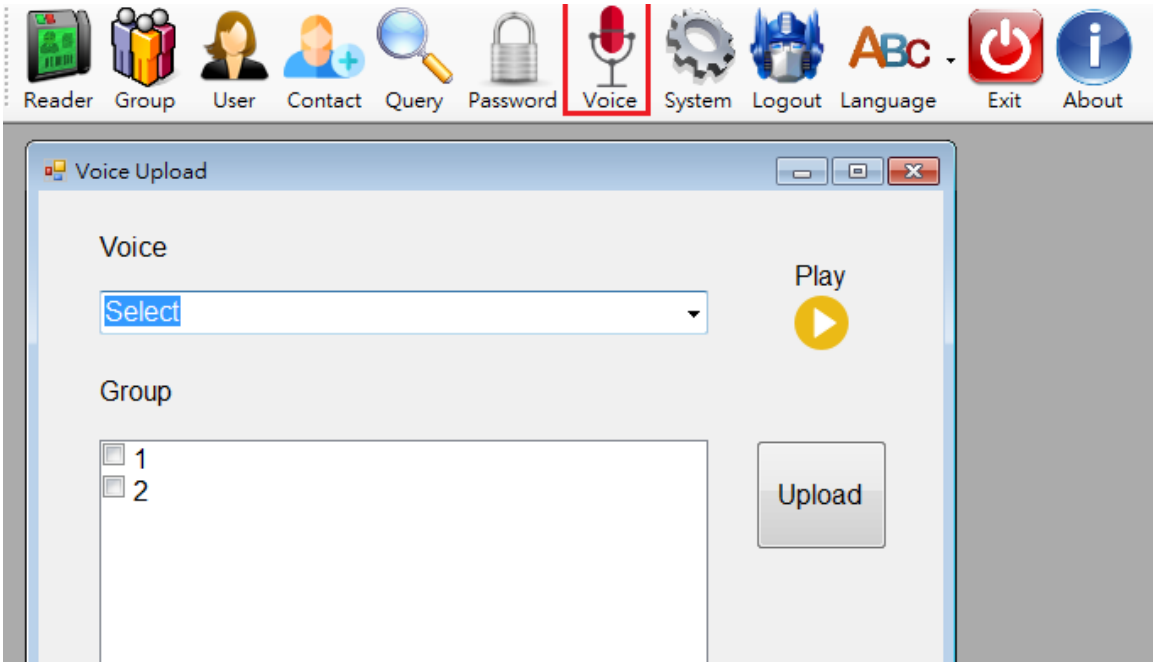


Step4. Update password success, please run ReaderSync to delete the password from readers.



2.9 Voice upload

Click Voice will upload page, where you can set which voice you want to upload to readers.

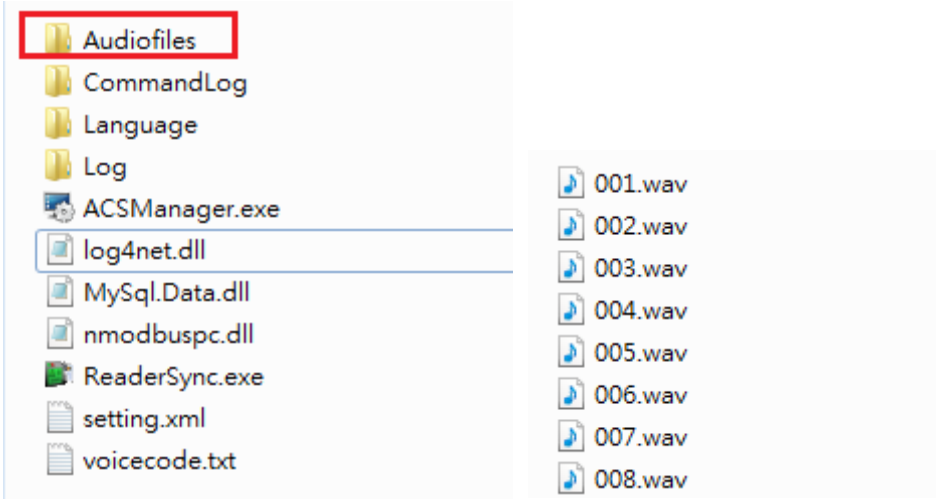


2.9.1 Customize the reader's voice

ACS card reader supports voice file format

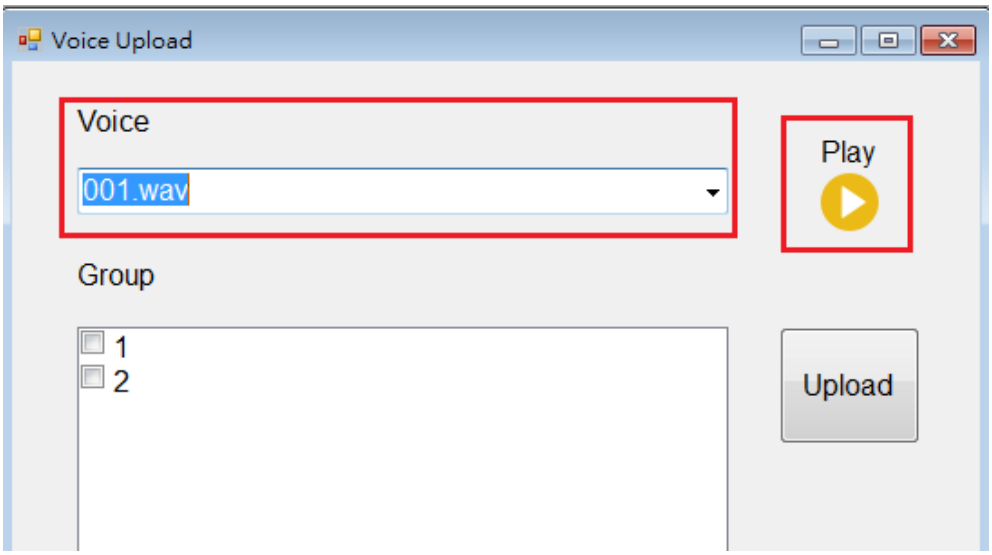
Voice format	wav
Bit rate	256kps
Audio sample size	16bit
Channels	1 (mono)
Audio sampling rate	16kHz
Audio format	PCM

ACS has 39 preset voice files. To upload a custom voice file, please rename the voice file to 001.wav ~ 039.wav and place it in the **Audiofiles** folder in the ACS Manager folder to replace the original file.

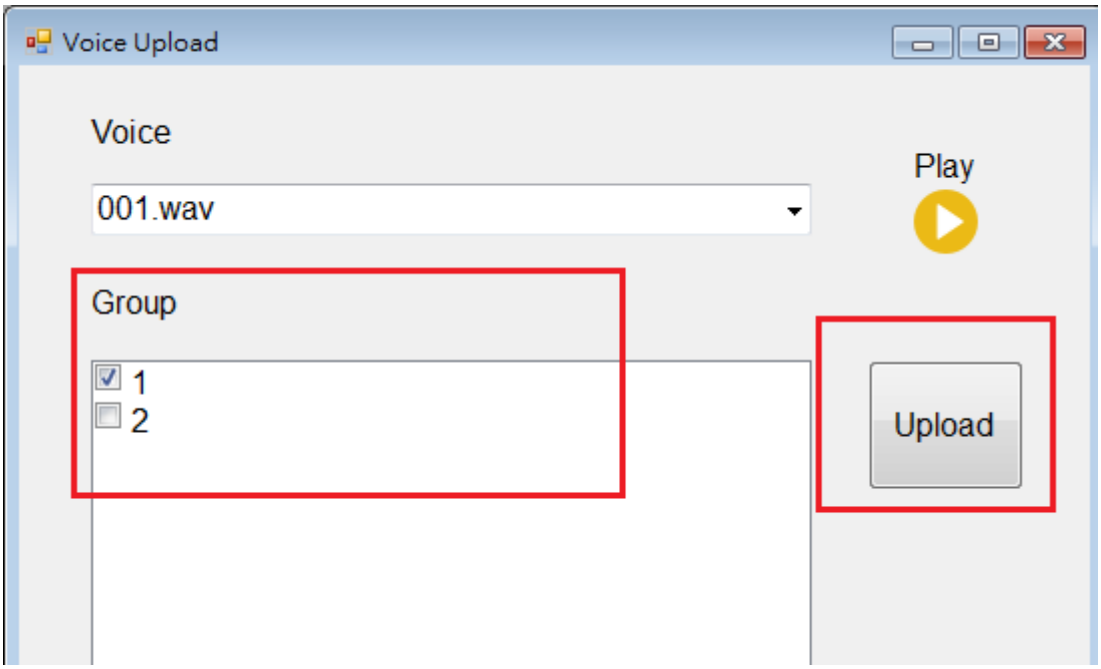


2.9.2 Upload Voice File

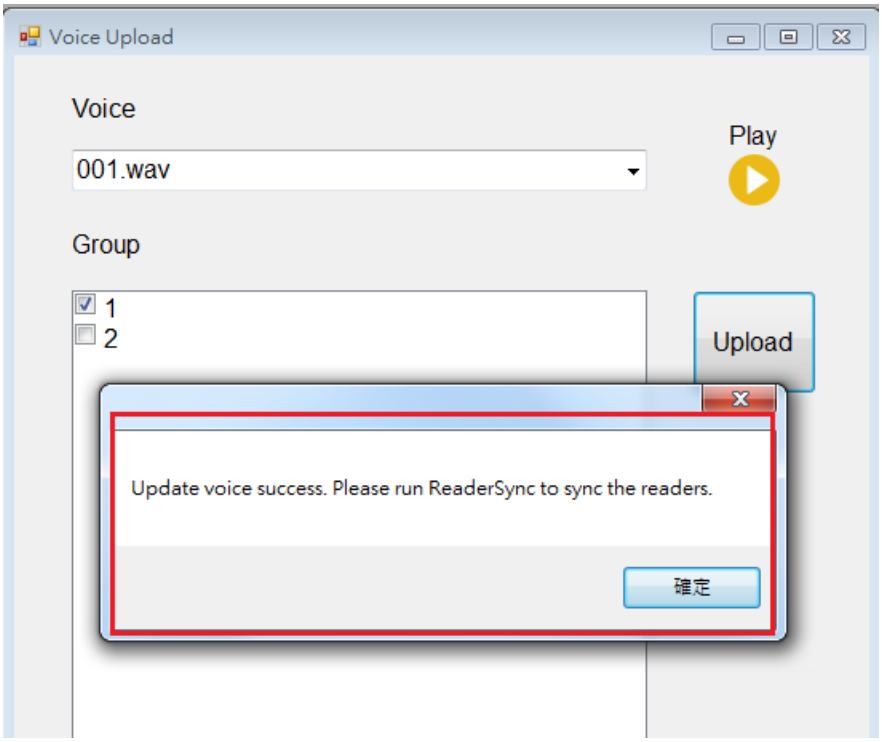
Step1. Select the voice you want to upload, the Play button can play the voice files for the user to confirm the voice files are correct.



Step2. After selecting the readers to upload groups, please click Upload.



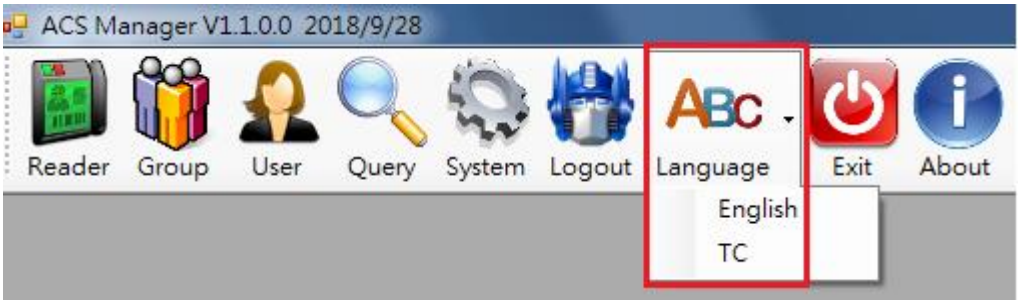
Step3. The success window will pop up, after click OK, please run ReaderSync.exe to sync the readers.



2.10 Language/Exit

2.10.1 Language

Click Language button and choose the language you want.



2.10.2 Exit

Click Exit button and the application will close.