Manual for SMART-BUS IPHONE App PRO

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2	Install software "**SQLite Expert Personal"** on your computer
3	Getting the database file "Database.sqlite3"
4	Open File Database.sqlite3
5	Zone Settings
6	Systems in Zone
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8	AC in Zone
9	Z-Audio Settings
10	Media in Zone (Under development)
10.1	TV Settings (Under development)
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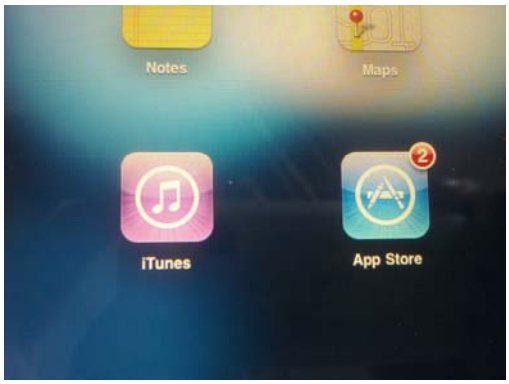
11	Download database to IPHONE/IPAD from FTP Server

1. Download & Install SMART-BUS IPHONE App from Apple Store

SMART-BUS IPHONE App is available on Apple Store,
Click Apple Store Icon on IPAD/IPHONE,



Search the keyword “smart G4”

Click the button INSTALL above

2. Install software “SQLite Expert Personal” on your computer

If you don’t have SQLite software, it is available on Smarthomegroup website, here is the link:

http://smarthomebus.com/dealers/Softwares/SQLiteExpertPersSetup%20for%20windows.exe

Download and install it on your computer

3. Getting the database file “Database.sqlite3”

if you are first time program the Smart-BUS IPHONE app or don’t have the database for smart-bus IPHONE app, you can take the database from Smart-BUS IPHONE app, here are the steps:

Step 1: Install FTP software on your computer

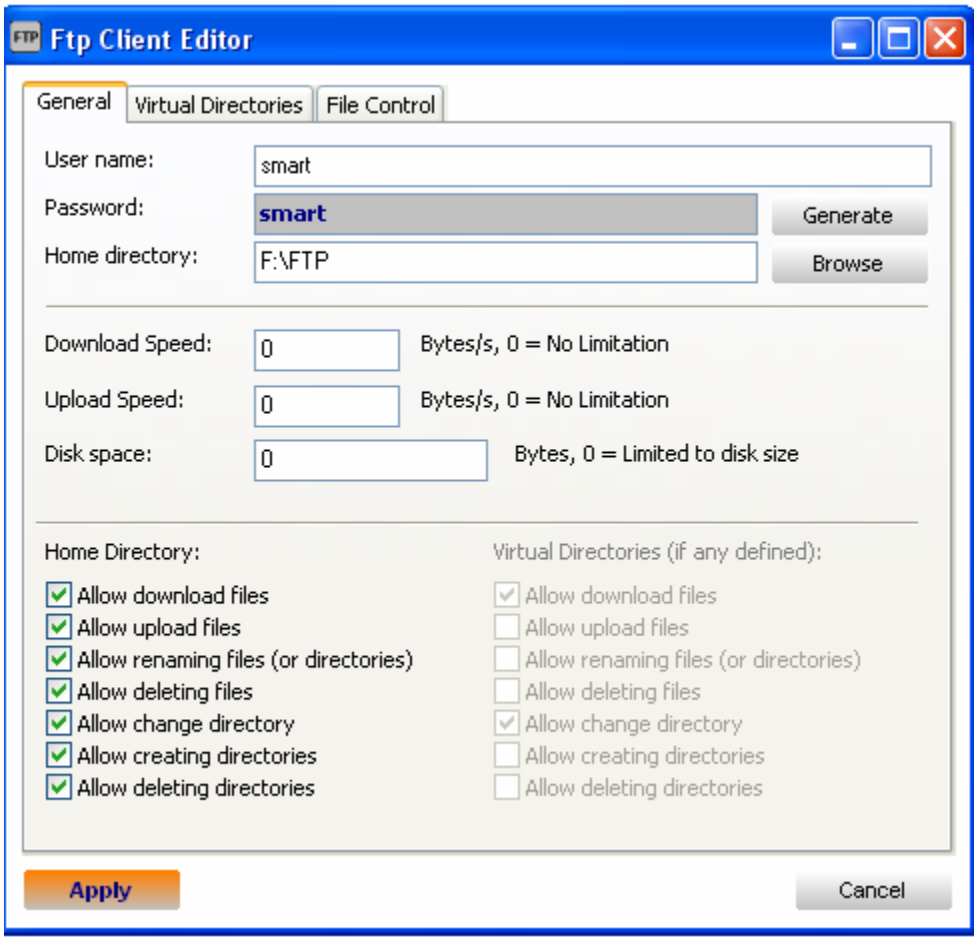
The FTP software is available from the link below:
http://smarthomebus.com/dealers/Softwares/HomeFtpServerInstall.exe

After download just install it.

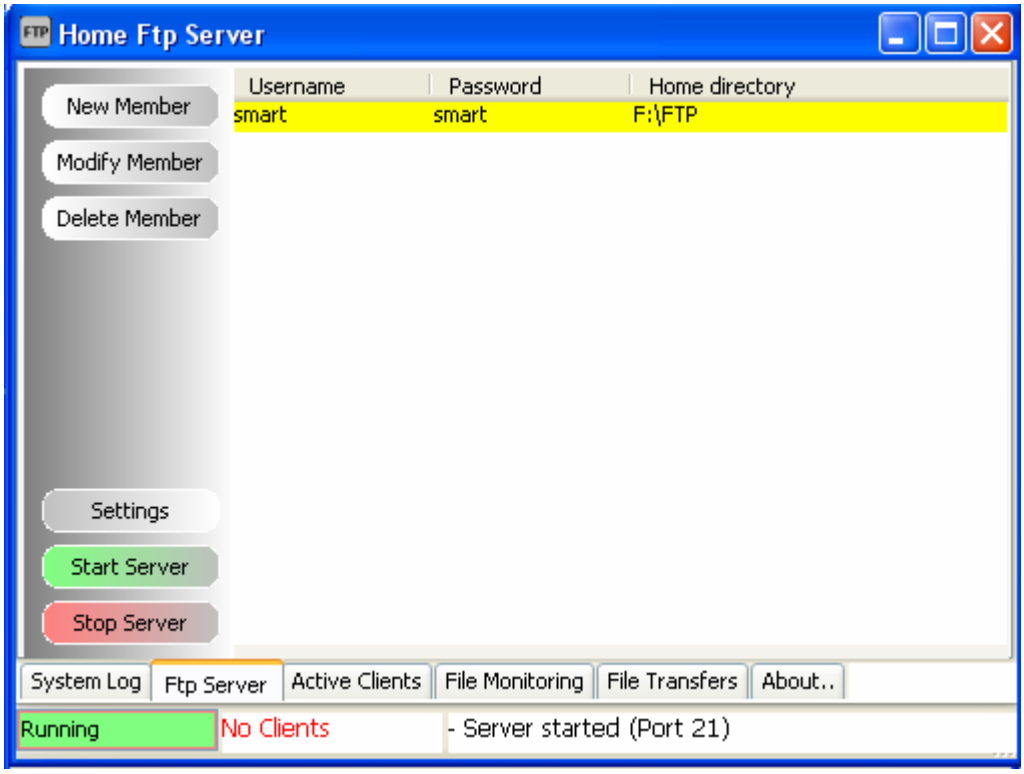
Step 2: Setup FTP Server

Run the FTP software on desktop

Click the button **New Member**

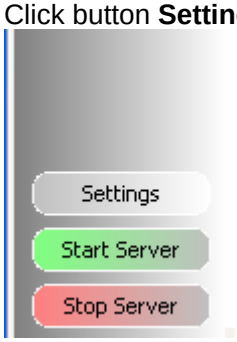


Input the username: smart
Password: smart
Choose Home directory,
Then click button **Apply**

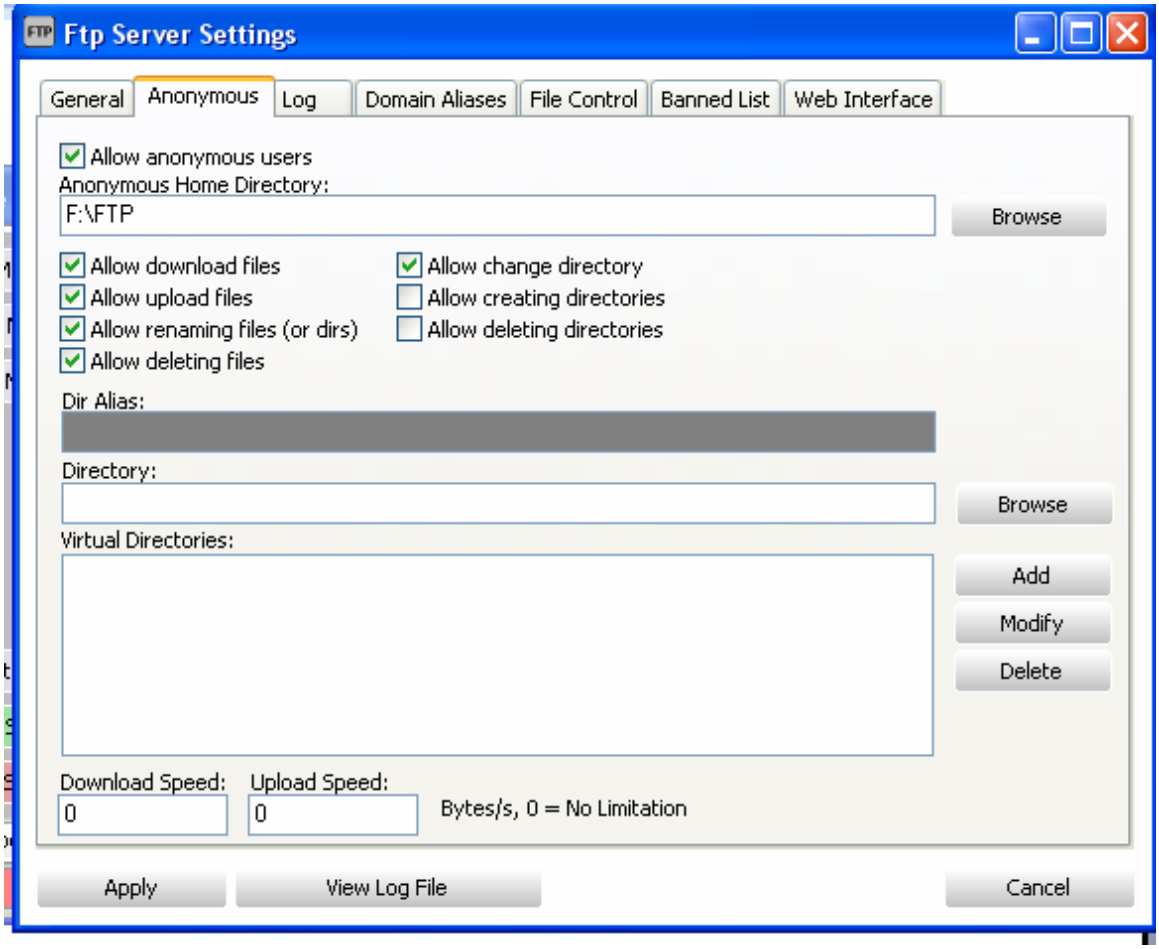


Click the button **Start Server**, if the server is started, the text **Running** is shown on the status bar.

Click button **Settings**



Select **Anonymous**



Select the directory of FTP,
check Allow download files
Check Allow deleting files and so on like above.

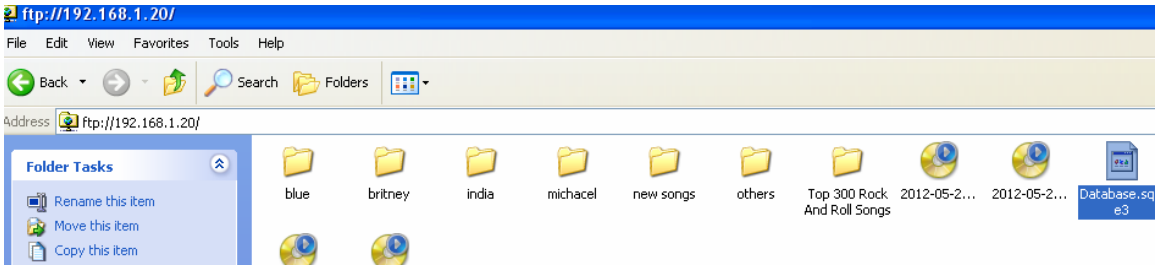
Step 3: Upload database to FTP Server
To go to settings page, click the G4 icon on top right corner on main page

Click the button **Database Upload & Download**

Input FTP Server Address and username and password like the below, then click button **Save**

Click button **Upload** above

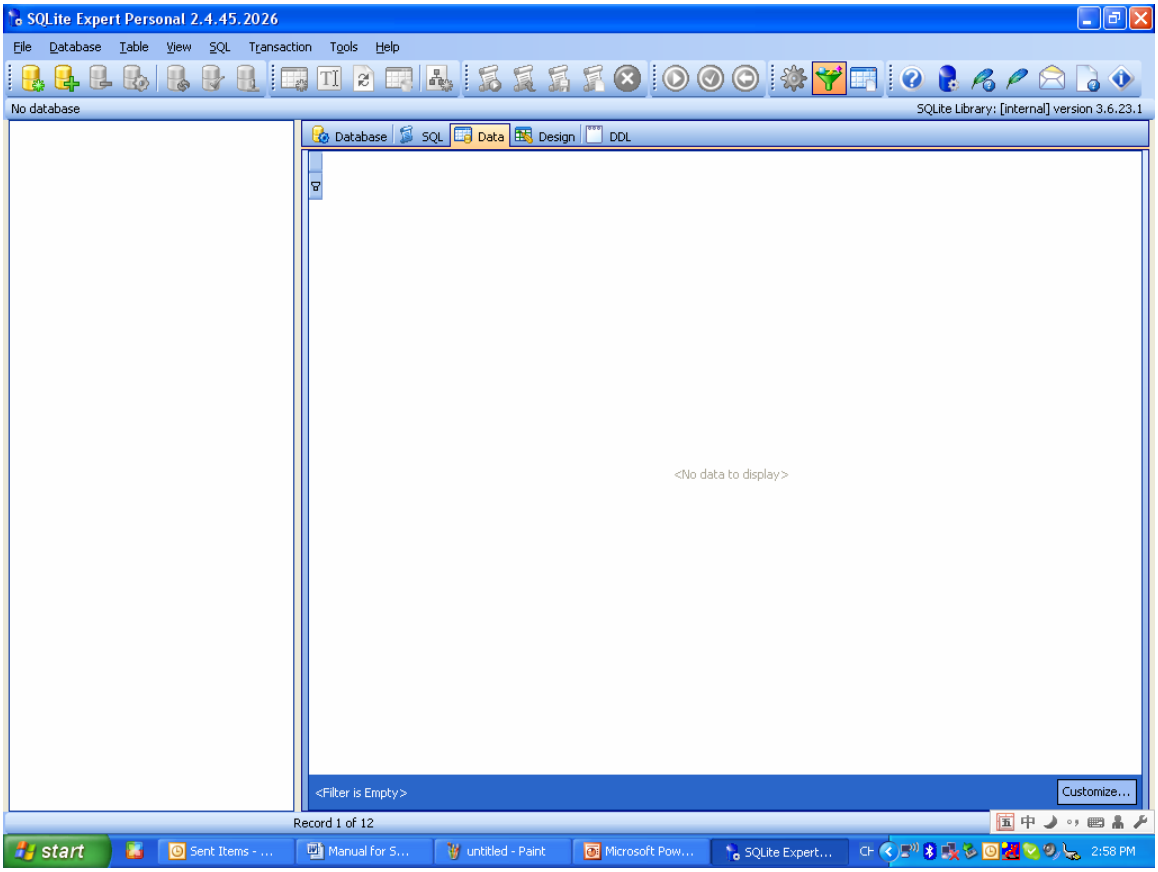
On FTP server, the file Database.sqlite3 is found when the uploading is done.



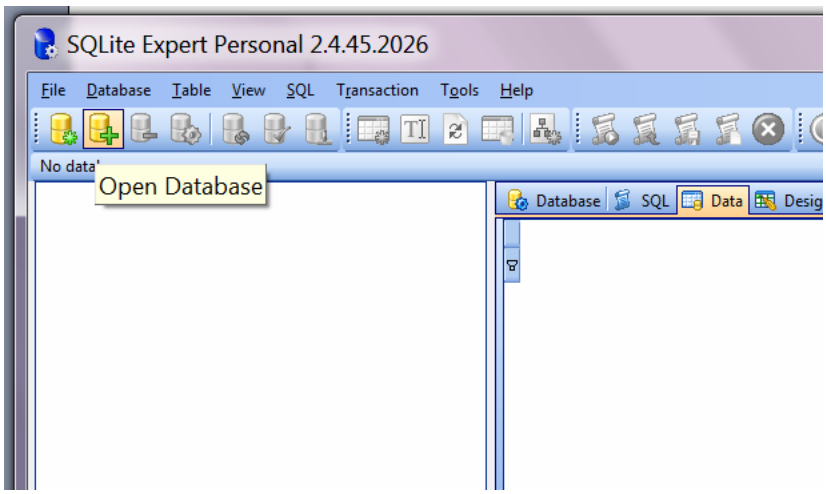
4. Open File Database.sqlite3

Before making any modification, Backup database is highly recommended

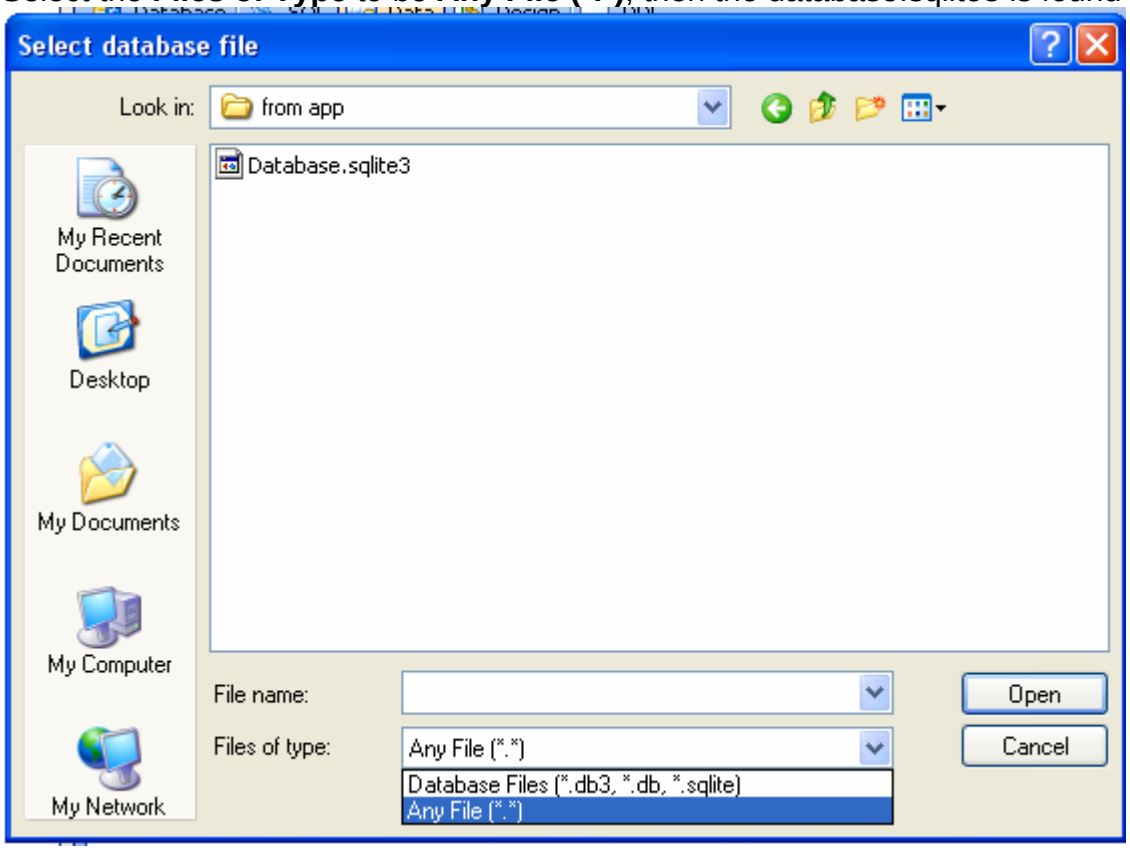
run SQLite software on your computer desktop



Click the button “Open Database” on the toolbar

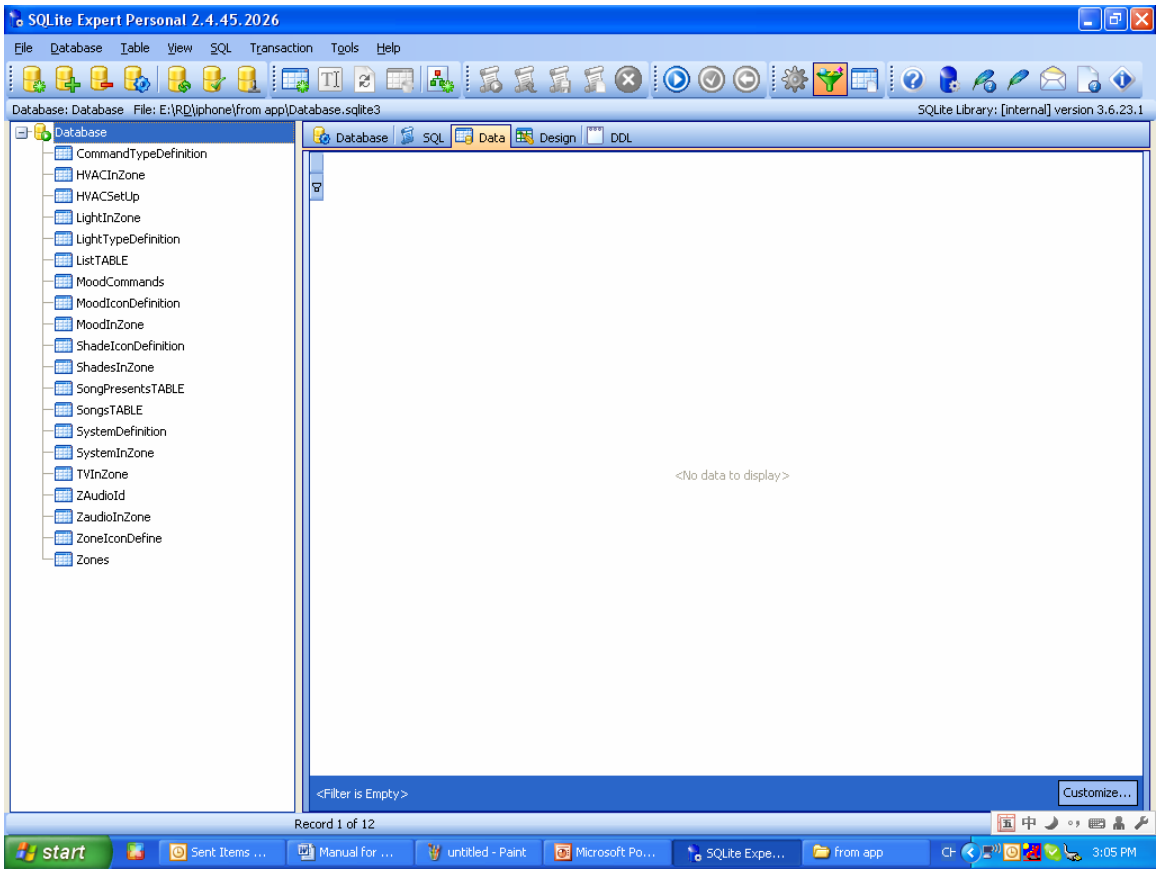


Select the **Files of Type** to be **Any File (*.*)**, then the database.sqlite3 is found



Open the file “Database.sqlite3”

All the tables of this database is shown below:



From now on, you can start to configure the SMART-BUS IPHONE App.

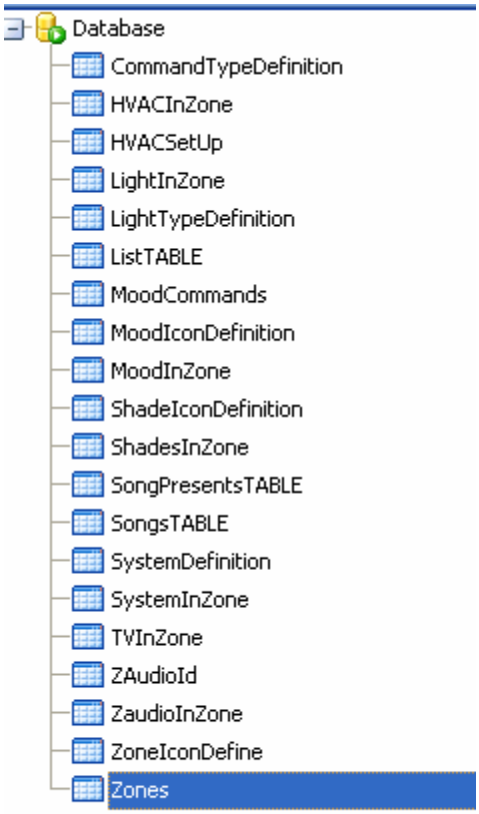
5. Zone Settings

Important Note:

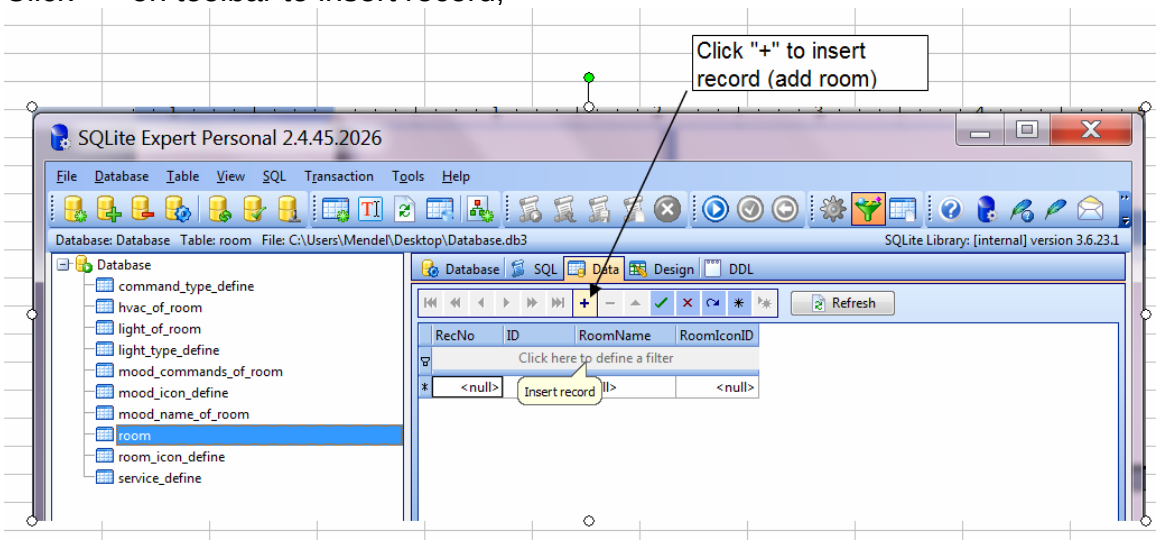
When you are configuring the database, please do not change the structure of database.
For example:

Do not delete any table
Do not change any table name
Do not add/change/delete any fields of tables
we just need to add/edit/delete data on the tables.

Select the table “Zone”



Click “+” on toolbar to insert record,



Here the fields of table Zone:

Field Name	Remark	Value
ZoneID	This is the ID of Zone, every zone	It’s number, Start from 1

	has unique ZoneID. I	
ZoneName	this is zone name, zone name can not be null, the max. length of zone name is 15 letters. it will be shown on the room list of main page	Letters
ZoneIconID	This is the ID of Zone Icon, each ID stands for one icon. please see the definition below	from 0 to 15
SequenceNo	This is the display order	Start from 1

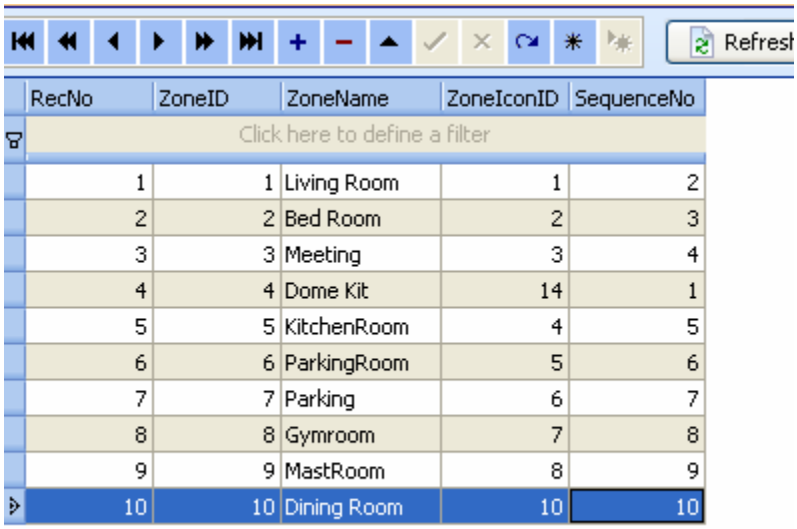
The definition of Zone Icon

ZoneIconID	Icon name	Icons
1	Living room	
2	Bed room 1	
3	Meeting room	
4	Kitchen room	
5	Garden room	

6	Parking room	
7	GYM	
8	Master bed room	
9	Bedroom 2	
10	Dining room	
11	Toilet	
12	Study room	

13	Stair	
14	SMART G4 Demo kit	

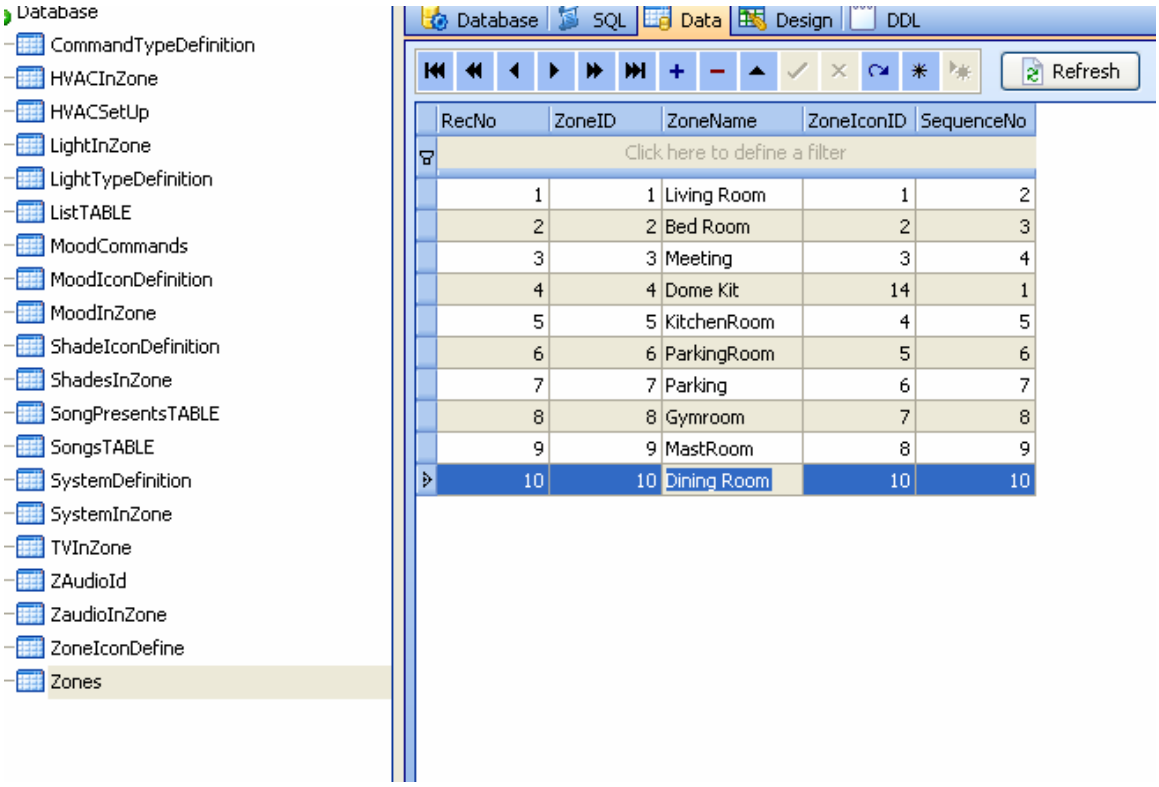
Here are the examples:
Add Zone
ZoneID=10
ZoneName=Dining Room,
ZoneIconID=10 (check the definition "**ZoneIconID**" above)
SequenceNo=10



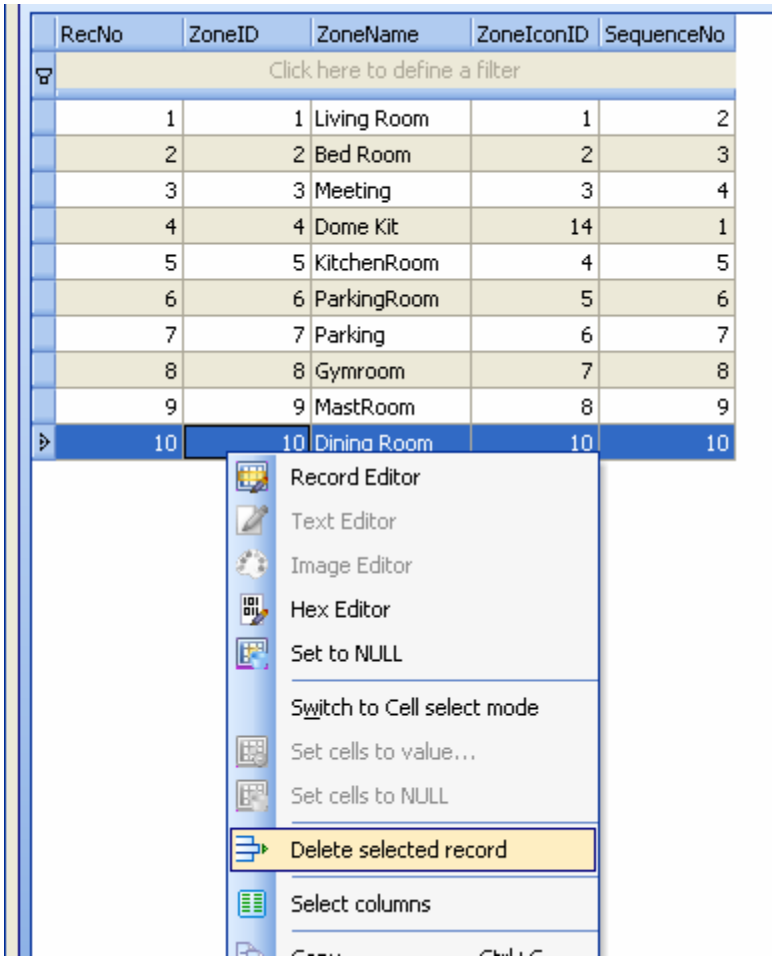
RecNo	ZoneID	ZoneName	ZoneIconID	SequenceNo
1	1	Living Room	1	2
2	2	Bed Room	2	3
3	3	Meeting	3	4
4	4	Dome Kit	14	1
5	5	KitchenRoom	4	5
6	6	ParkingRoom	5	6
7	7	Parking	6	7
8	8	Gymroom	7	8
9	9	MastRoom	8	9
10	10	Dining Room	10	10

If you want to add more rooms, just do it the same as above.

Modify Zone
Select the row of table "Zone" , you can modify the room


Database
CommandTypeDefinition
HVACInZone
HVACSetUp
LightInZone
LightTypeDefinition
ListTABLE
MoodCommands
MoodIconDefinition
MoodInZone
ShadeIconDefinition
ShadesInZone
SongPresentsTABLE
SongsTABLE
SystemDefinition
SystemInZone
TVInZone
ZAudioId
ZaudioInZone
ZoneIconDefine
Zones
Database
SQL
Data
Design
DDL
Refresh
RecNo
ZoneID
ZoneName
ZoneIconID
SequenceNo
Click here to define a filter
1 1 Living Room 1 2
2 2 Bed Room 2 3
3 3 Meeting 3 4
4 4 Dome Kit 14 1
5 5 KitchenRoom 4 5
6 6 ParkingRoom 5 6
7 7 Parking 6 7
8 8 Gymroom 7 8
9 9 MastRoom 8 9
10 10 Dining Room 10 10

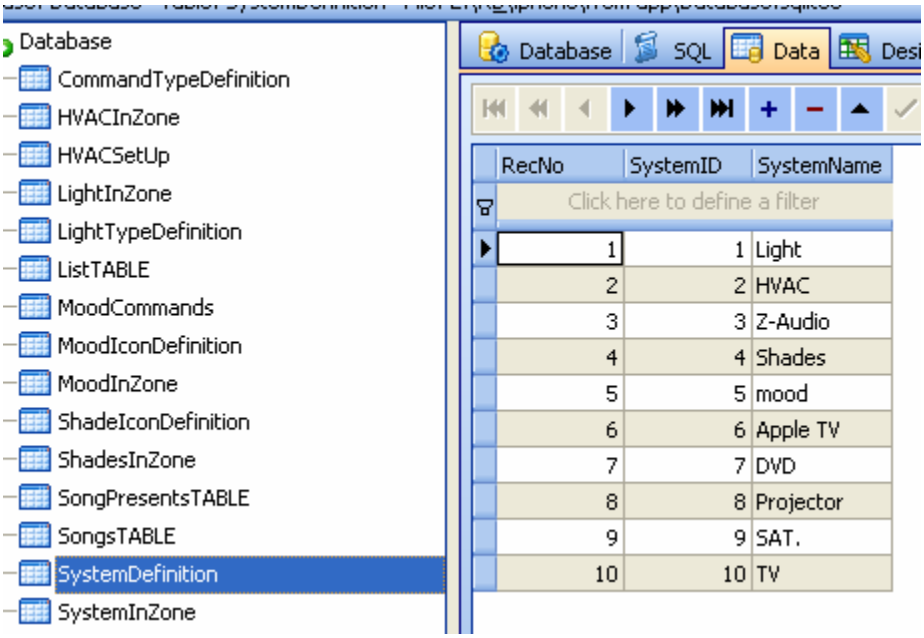
Delete room



RecNo	ZoneID	ZoneName	ZoneIconID	SequenceNo
Click here to define a filter				
1	1	Living Room	1	2
2	2	Bed Room	2	3
3	3	Meeting	3	4
4	4	Dome Kit	14	1
5	5	KitchenRoom	4	5
6	6	ParkingRoom	5	6
7	7	Parking	6	7
8	8	Gymroom	7	8
9	9	MastRoom	8	9
10	10	Dining Room	10	10

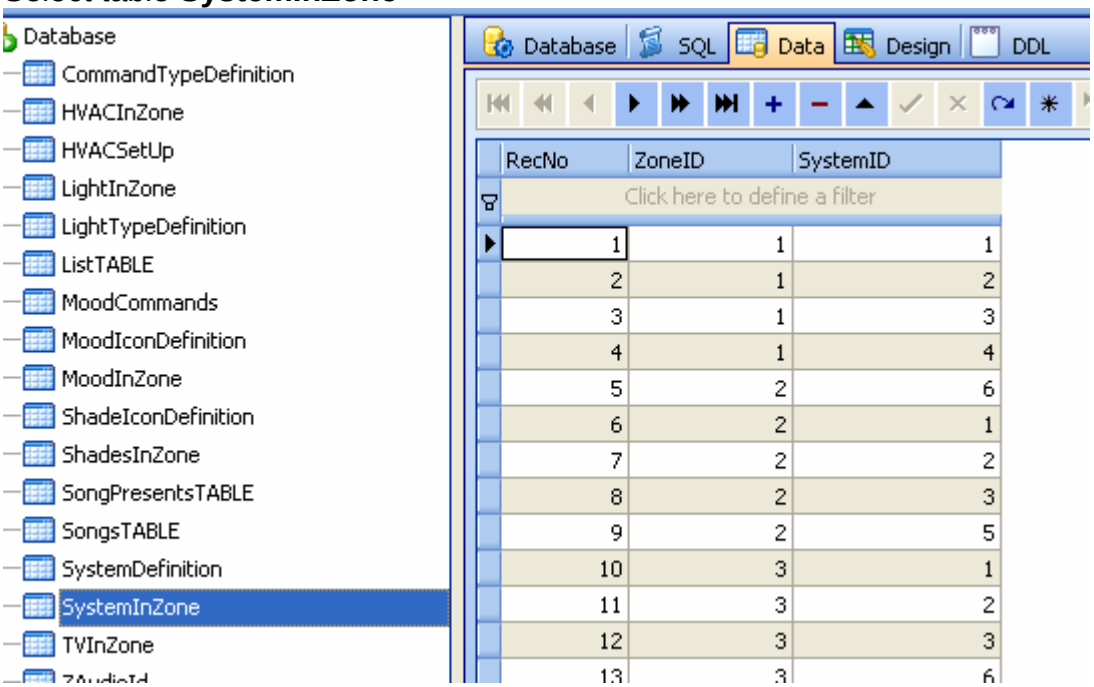
6. Systems in Zone

Systems definition



What systems does it have in each zone?
It can be setup according to the real situation

Select table **SystemInZone**



ZoneID: from the table **Zones**, you can know the ZoneID from each Zone.
SystemID: from the table **SystemDefinition**, you can know the SystemID for each system.

Add the systems that you have to each zone

For example:
In the Living room, it has lights, HVAC, Z-Audio, Shade,
from the table **Zones**, we know the ZoneID is 1
from the table **SystemDefinition,** we know the **SystemID** as below:

Light=1
HVAC=2
Z-Audio=3
Shades=4

So the data will be added to the table **SystemInZone** as below:

RecNo	ZoneID	SystemID
Click here to define a filter		
1	1	1
2	1	2
3	1	3
4	1	4

Smart-Bus iphone App will show the systems of zone according to your settings

7. Lights in Zone
The lights of each zone are stored on the table **LightInZone**

The Field of table “LightInZone”

Field	Remark	Value
ZoneID	The ZoneID can be known from the table **Zones**	Start from 1
LightID	ID of light	Start from 1
LightRemark	Light remark	

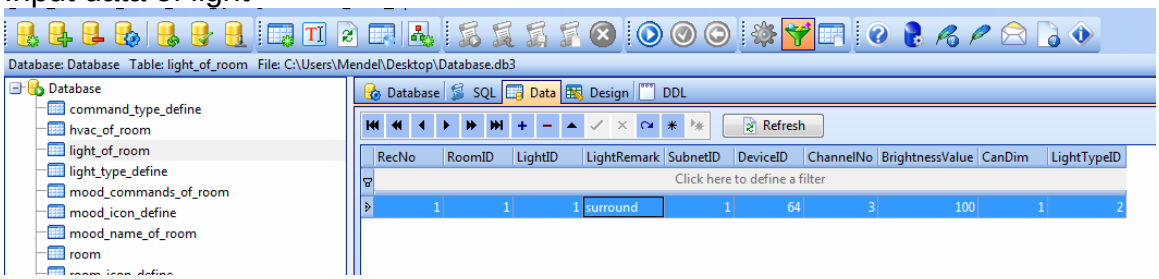
SubnetID	Address of Dimmer / Relay	0-254
DeviceID		0-254
ChannelNo	Channel no of light	0-254
CanDim	Dimmable or not Dimmable if the light can be dimmed, it equal 1 , if the light can not be dimmed, it equal 0	0 or 1
LightTypeID	Some different light icons are available, please the definition below	1-3
SequenceNo	It's the display order of lights	Start from 1

The definition of LightTypeID

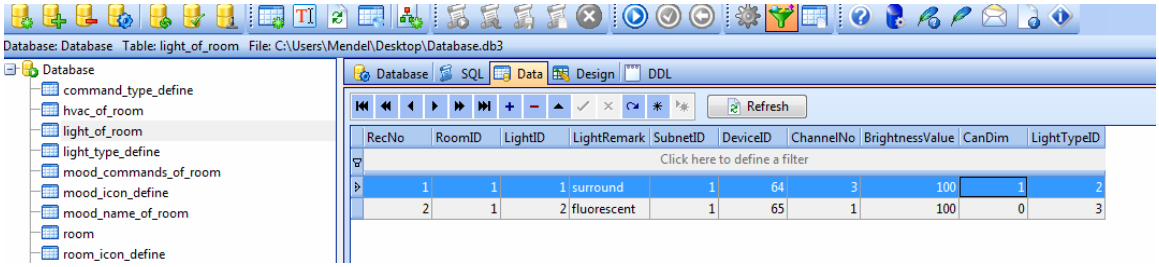
LightTypeID	Name	Icon
1	incandescent light	
2	spot light	
3	fluorescent light	
4	chandelier light	

Add light 1 "surround" , Press

Input data of light

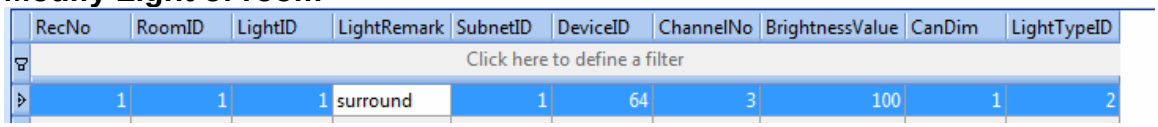


Add light 2 "fluorescent"



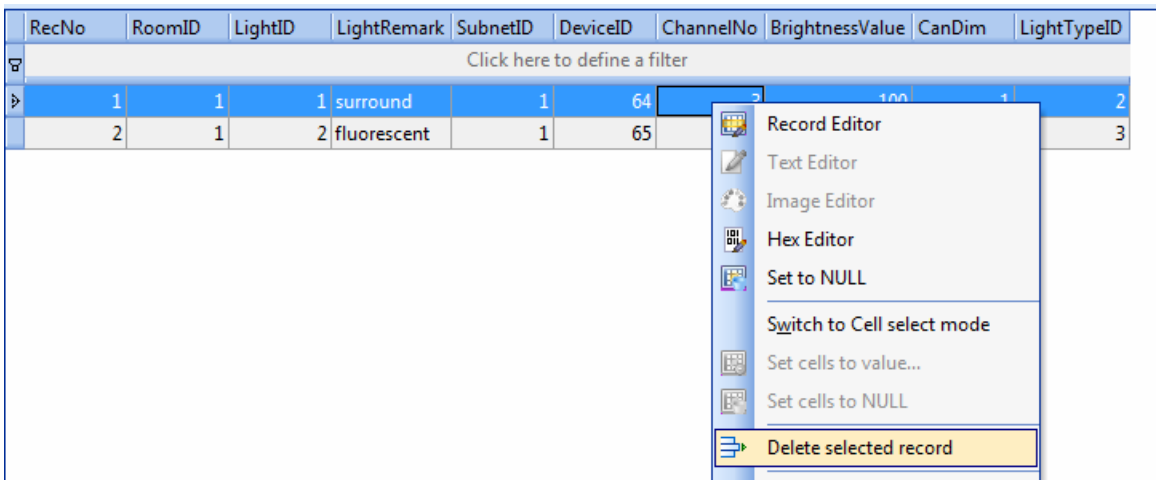
Limitless lights can be added to the zone.

Modify Light of room



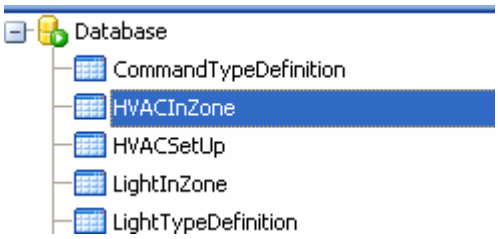
Delete the light of room

Select the row that you want to delete, right click and select “Delete selected record”



8. AC in Zone

Select the table **HVACInZone**



Filed of table **HVACInZone**

Field	Remark	Value
ZoneID	See the table **Zones**	
SubnetID	Address of HVAC or DDP	0-254
DeviceID		0-254

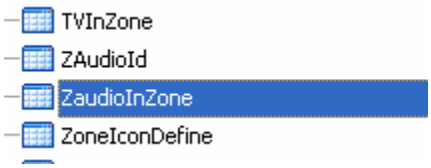
Others settings
Select the table **HVACSetUp**

Field of table HVACSetup

Field	Remark	Value
IsCelsiur	Celsiur=true Fahrenheit=false	True /False
TempertureOfCold	it's for most common button	Number
TempertureOfCool	it's for most common button	Number
TempertureOfWarm	it's for most common button	Number
TempertureOfHot	it's for most common button	Number

9. Z-Audio Settings

Select the table **ZaudioInZone**



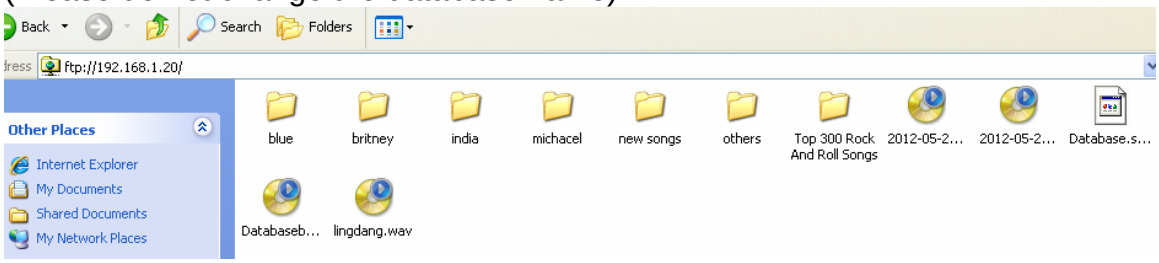
Add the address of z-audio to the table **ZaudioInZone**

RecNo	ZoneID	SubnetID	DeviceID
Click here to define a filter			
1	1	1	200
2	2	1	31

11. Download database to IPHONE/IPAD from FTP Server

Step1: Copy the database **Database.sqlite3** that you have programmed to the FTP Server
(Please do not change the database name)

Step 2: paste the database file on the root directory of FTP server
(Please do not change the database name)



Step 3: Download database to IPHONE/IPAD from FTP Server

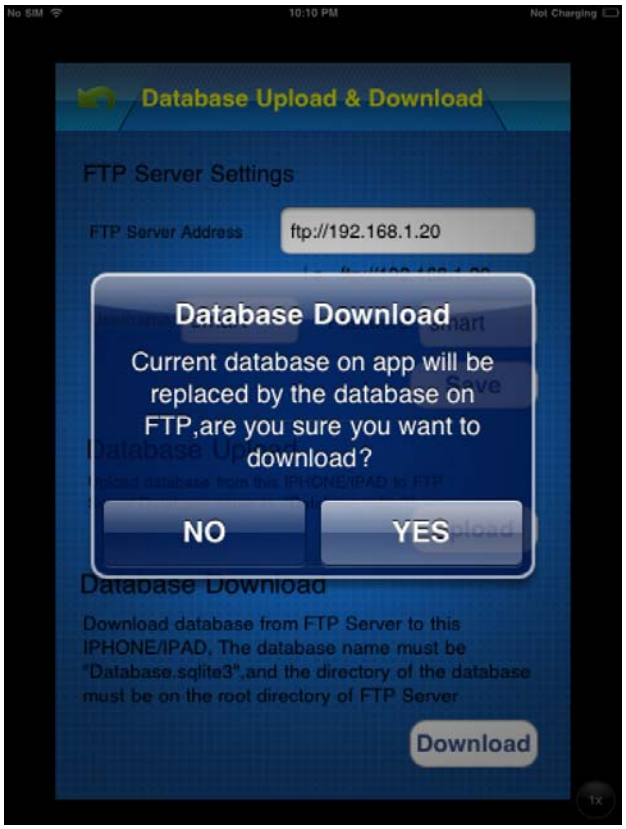
To go to settings page, click the G4 icon on top right corner on main page

Carrier
7:54 PM
S-BUS Smart Home Automation
G4
Zone/Area Control
Dome Kit
Living Room
Bed Room
Meeting
KitchenRoom
ParkingRoom
Parking
Gymroom
Central Control
MarcoBtns
Lights
Music
Security
Communal Service
Community
HomeStatus
Meters
LA
24°
FRI
SAT
SUN
Weather

Click the button **Database Upload & Download**

Make sure the FTP Server Address and username and password are accurate

Click button **Download** above



When the database is downloaded, the Smart-BUS IPHONE App needs to be restarted.