User Documentation
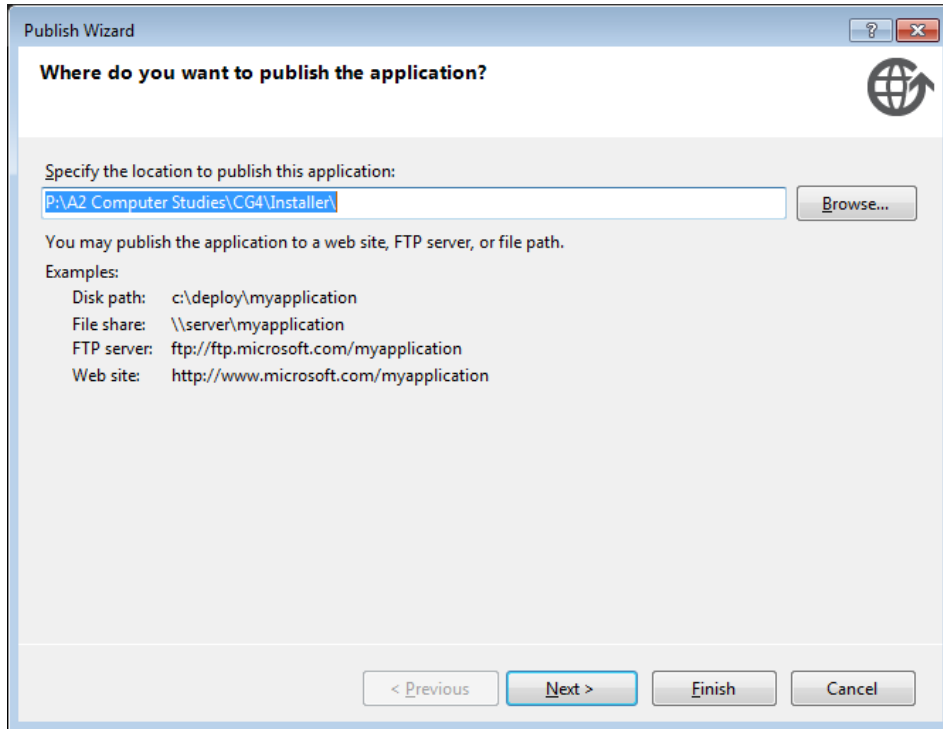
**Installation**

For ease of installation, I created a setup file which will ensure the program is installed properly. For my program to work, the user must have the correct version of the .NET Framework. The setup file automatically checks this and downloads .NET if necessary.
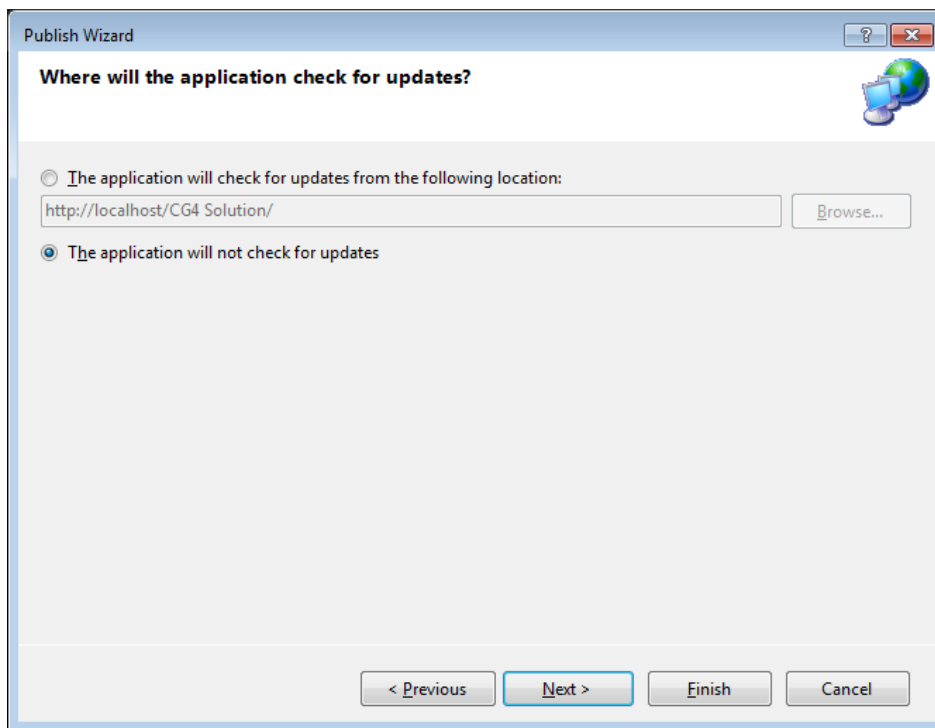
The process of generating the installation files was very simple using a wizard.
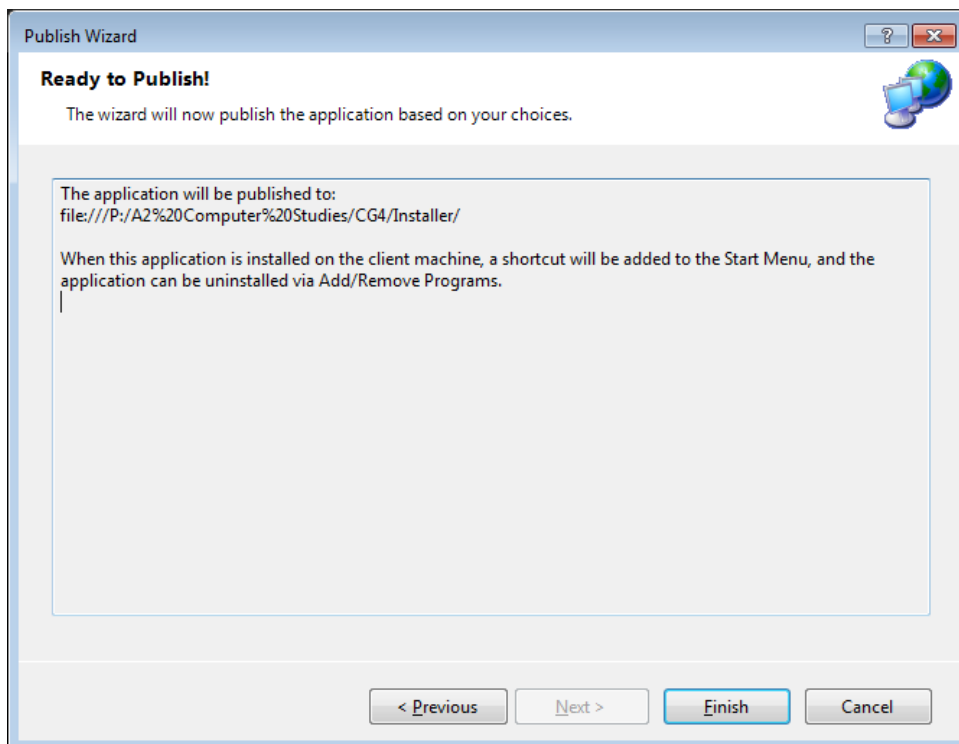

I chose where to create the installation files. A webserver could be used but it is easier to use some form of disk.
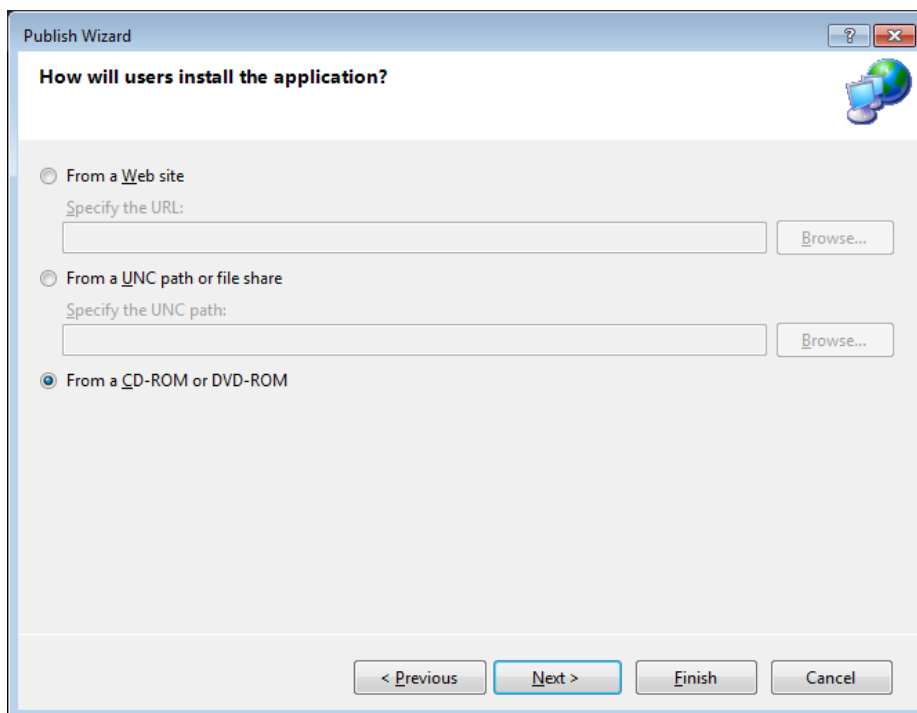
The files will be installed from a disk drive or a CD.

The program could automatically check for updates from a server but this will not be required.


When the user installs the project, a shortcut will be created in the users Start Menu.

To Install

1. Insert the CD or disk storage device.
2. Navigate to the CD or disk storage device and copy the files to the folder you wish to install the program into.
3. Run the setup program
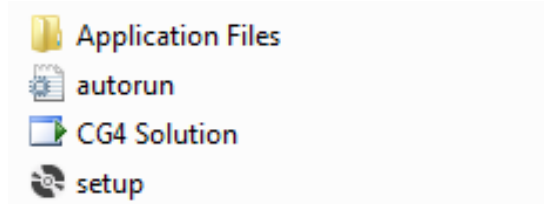
4. A dialog box comes up, this checks that you have all the required software installed already. If required software is missing, you will be asked if you wish to download it.
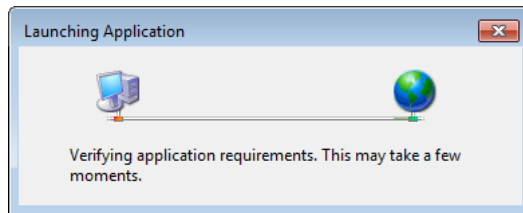
5. Once this setup application has run, you can run the program by either using the shortcut in the start menu or by using the shortcut in the folder where the files are stored
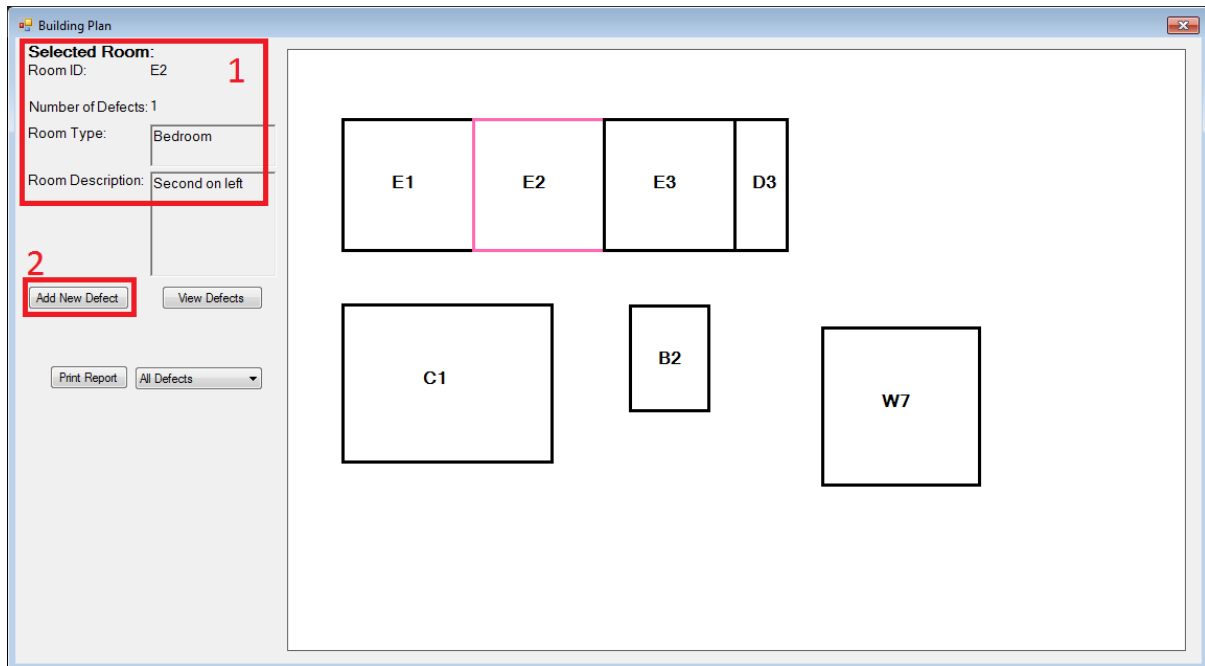
**Using the System**

Logging in
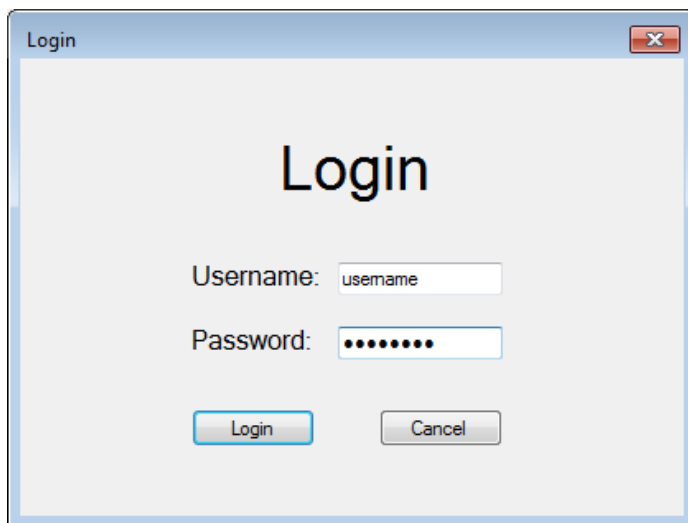
Enter the username and password for the user you would like to log in as and click Login.
If the username or password is incorrect, an error message will be shown. Try re-entering the information.

Adding a Defect

1. Click on the room that you wish to create a defect for, the information of the selected room is displayed on the right.
2. Next click Add New defect. This opens a new window.

3. Select the defect types and priorities using the dropdown menus and then enter a description for the room. The description can only be 100 characters long. To change the date, either manually change the day, month and year or click the calendar button (highlighted in green). You can then pick a date from the calendar.
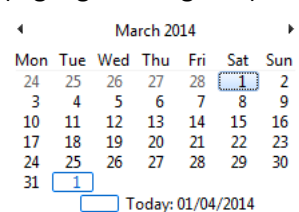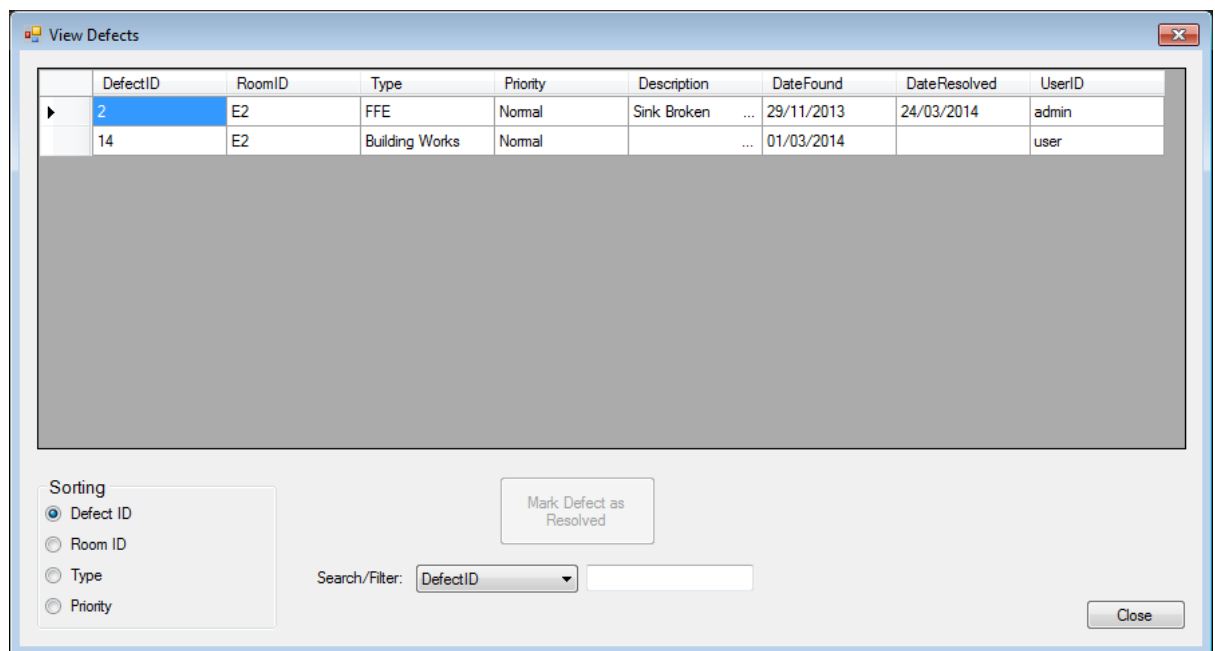

4. Click Add Defect.

Viewing Defects
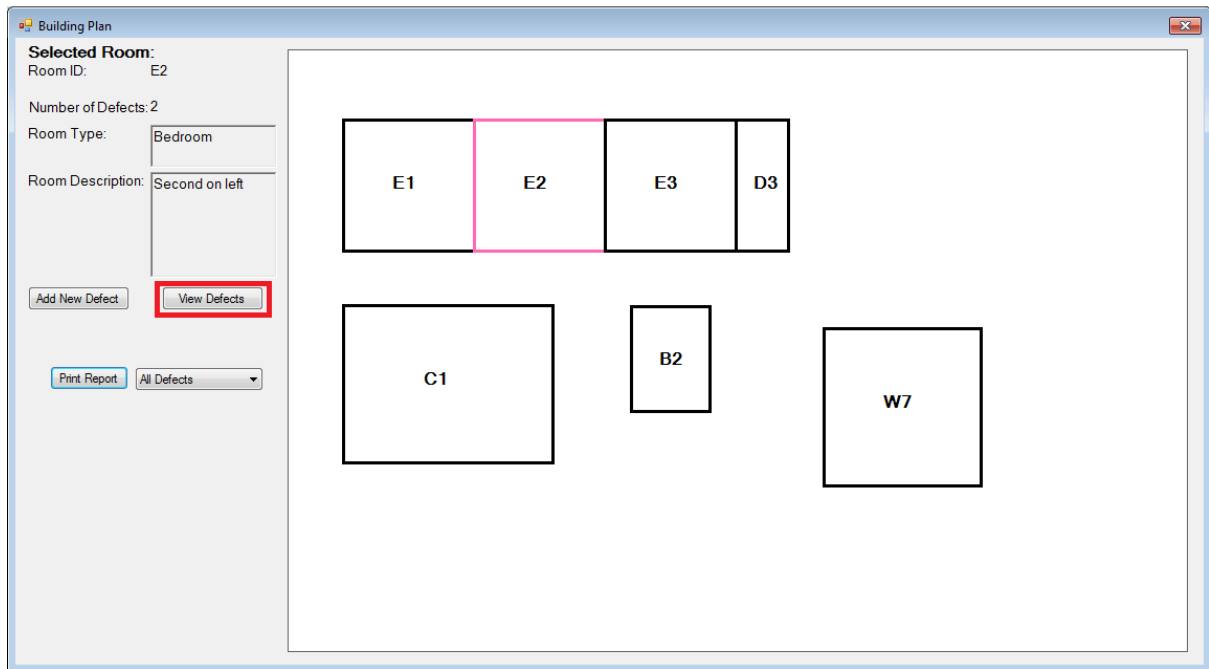
1. Click on the room that you wish to view the defects of.
2. Click the View Defects button. This opens a new window.

You may sort the defects using the radio buttons on the left or filter the defects by selecting the field you wish to filter by using the dropdown menu and then typing the information you wish to filter for in the text box.

Resolving a defect

When you are viewing the defects, click on the row of the defect that you wish to resolve. The "Mark Defect as Resolved" button will become useable.

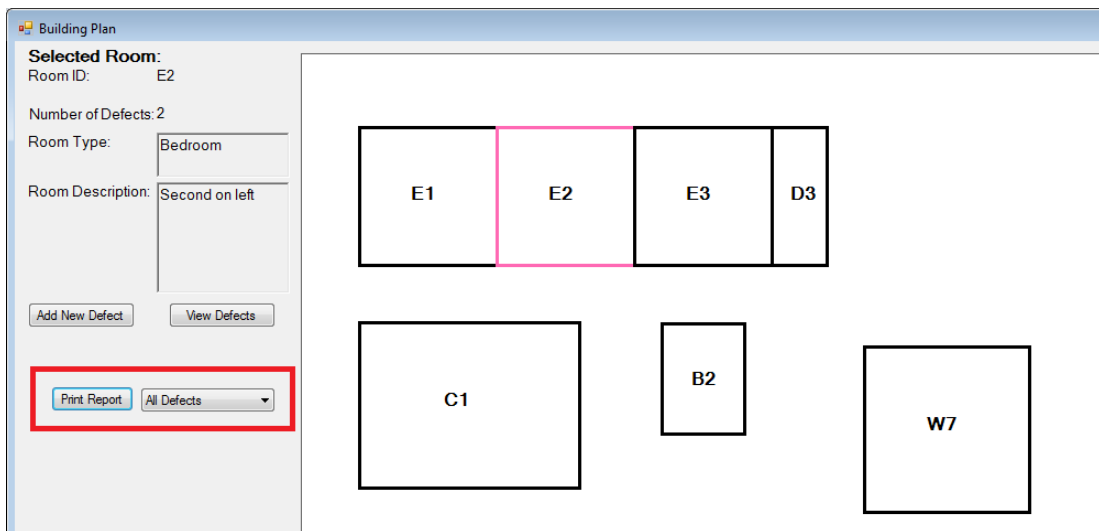Click on the "Mark Defect as Resolved" button.
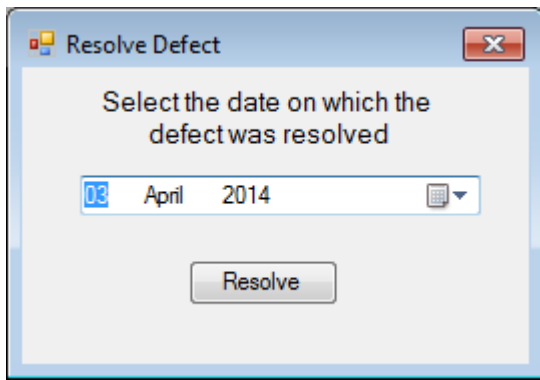
A new window opens, you can then select the date when the defect was resolved by either typing in the date or using the calendar.
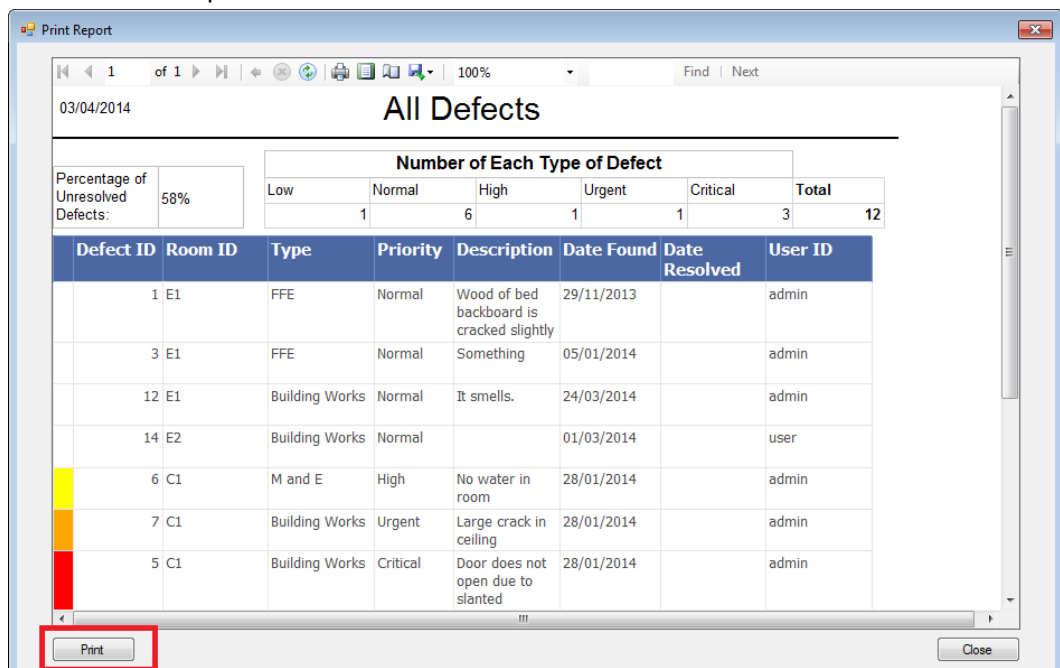
Then click resolve.

Printing a report

Open the Building Plan Form

1. Use the dropdown menu to select which type of report you would like to print
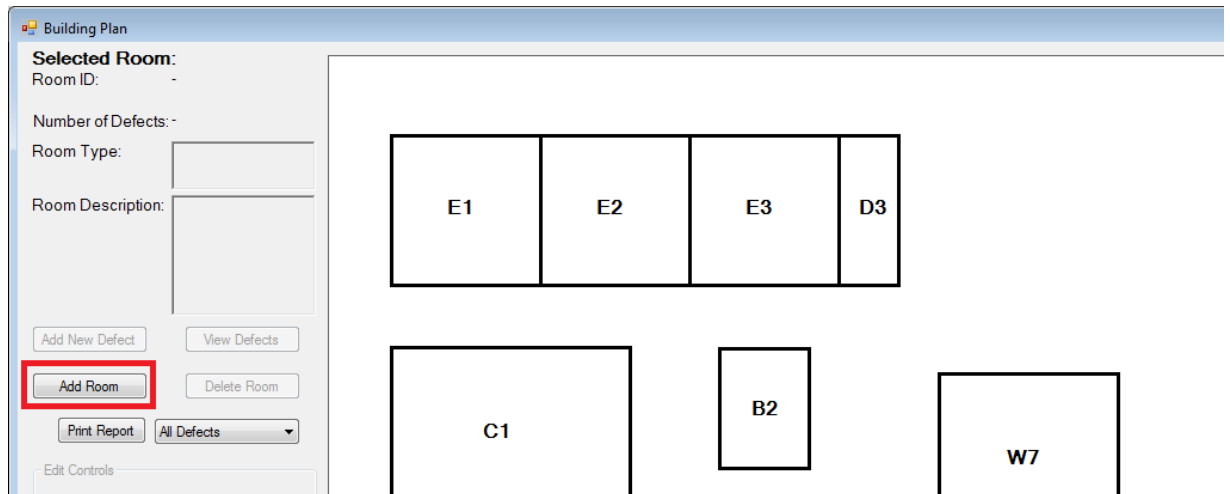2. Click Print Report
3. A new window opens

4. Click Print

5. A dialog box opens, here you can choose your print settings
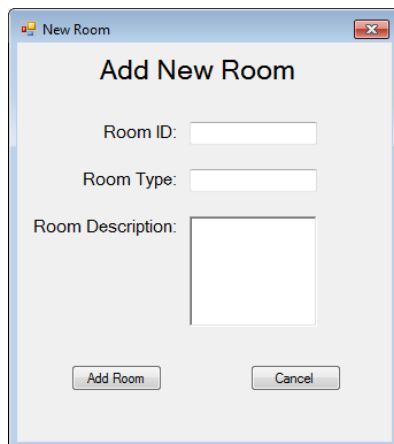6. Click Print

Using the system as an admin

Adding a new room

1. Open the Building Plan Form
2. Click Add New Room

3. A new window opens
4. Enter the details of the room you would like to add. You must enter information for each text box.

5. Click Add Room

Editing the position or size of a room

1. Open the Building Plan Form
2. Click Enable Editing

3. Click on the room you would like to edit

4. **Moving a room**

    There are several ways to move a room
    a. Click and drag a room to move it
    b. Enter a number in the X or Y textboxes and press enter
    c. Use the -1 or +1 buttons to increment the position by one unit

5. Increasing the size of a room

The size of a room cannot be less than 10

    a. Enter a number in the Width or Height textboxes and press enter

    b. Use the -1 or +1 buttons to increment the size by one unit

6. Press Save and press Disable Editing

Deleting a Room

1. Open Building Plan Form
2. Click on the room you would like to delete

3. Click Delete Room
4. A dialog box opens to ask if you are sure you want to delete the room
5. Click yes

Viewing Defect and Room Tables

1. From the admin menu click "View Defect and Room Tables"
2. A new window opens

3. To view the defects for a room, click on the row of the room in the table on the left.
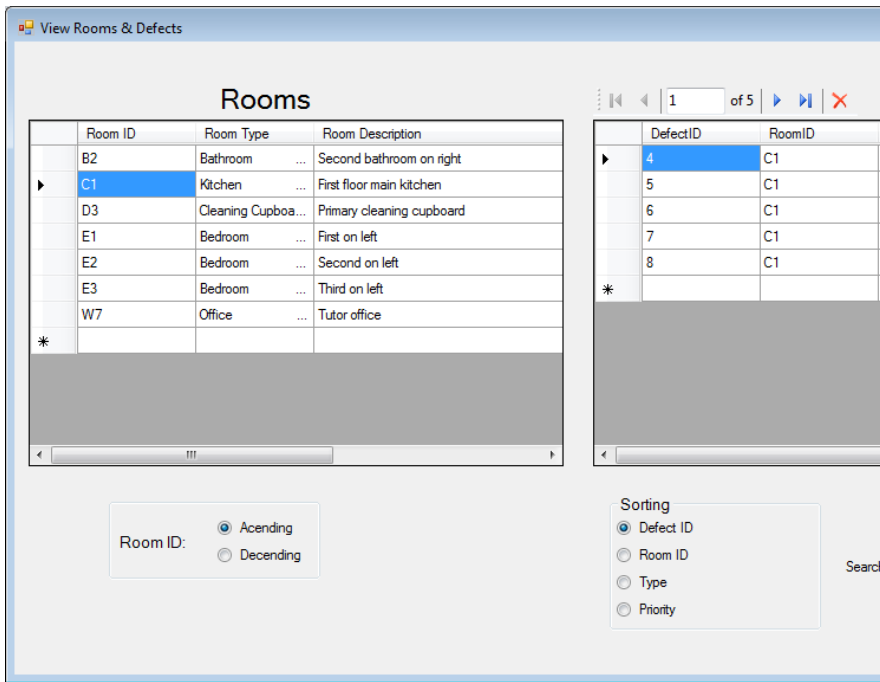
Deleting a Defect

1. Open the View Rooms and Defects form and click on the room the defect you want to delete is for
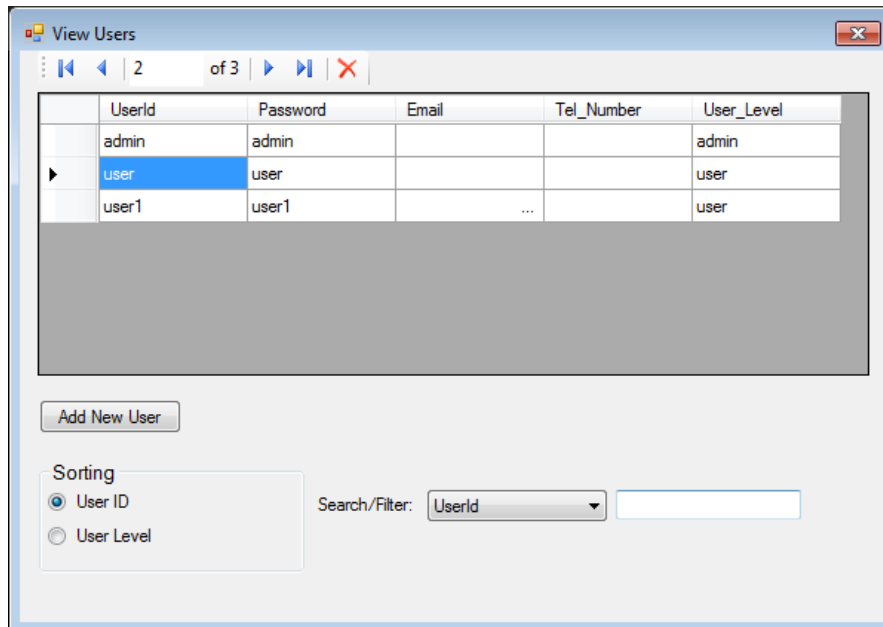2. Select the defect you wish to delete
3. Press the "X" button
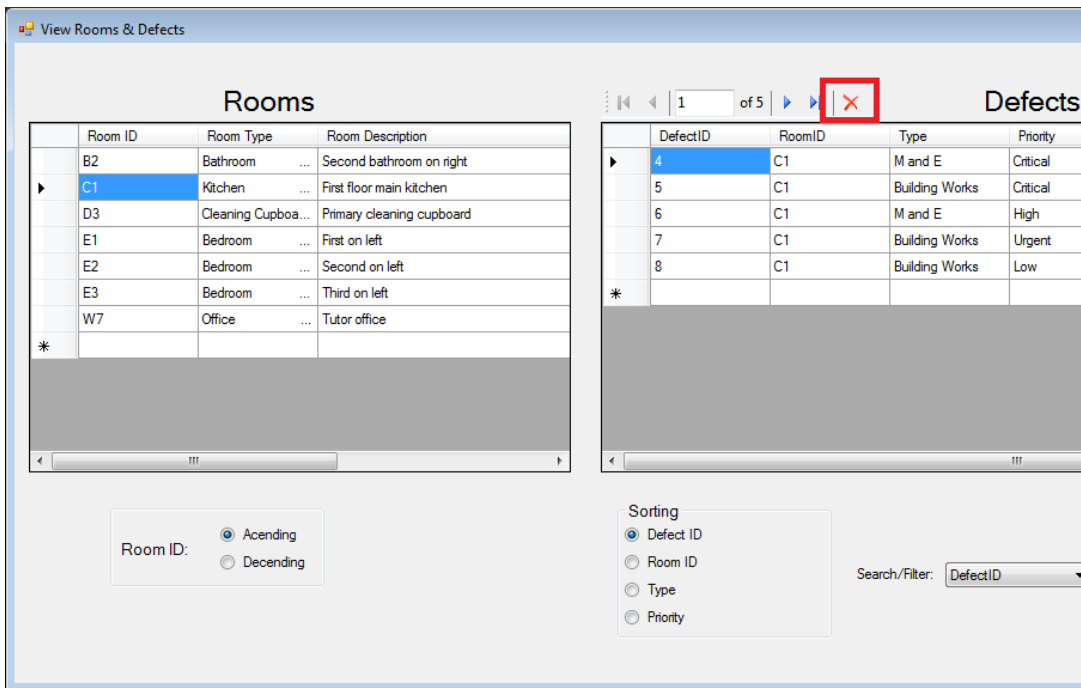
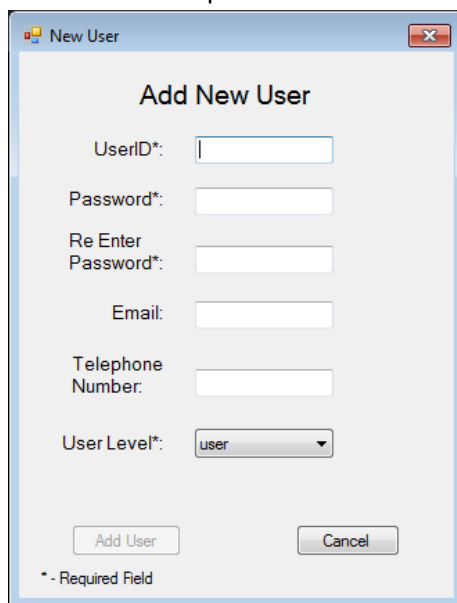4. A warning message appears to check you want to delete the room. Press yes

Adding a new user

1. From the admin menu, click "View User Tables"

2. A new window opens

3. Click Add New User
4. A new window opens

5. Enter information into the textboxes
6. Click Add User