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.

Publish Wizard		? 💌
Where do yo	u want to publish the application?	
	tion to publish this application:	Browse
You may publis Examples: Disk path: File share:	h the application to a web site, FTP server, or file path. c:\deploy\myapplication \\server\myapplication ftp://ftp.microsoft.com/myapplication http://www.microsoft.com/myapplication	Liouzeu
	< <u>Previous</u> <u>Next ></u> <u>Finish</u>	Cancel

I chose where to create the installation files. A webserver could be used but it is easier to use some form of disk.

Publish Wizard	? 🗙
How will users install the application?	P
 From a Web site <pre>Specify the URL: </pre> From a UNC path or file share <pre>Specify the UNC path: </pre> From a CD-ROM or DVD-ROM 	Browse
< <u>P</u> revious <u>N</u> ext > <u>F</u> inish	Cancel

The files will be installed from a disk drive or a CD.

Publish Wizard	? 🗙
Where will the application check for updates?	2
\bigcirc Ine application will check for updates from the following location:	
http://localhost/CG4 Solution/	Browse
The application will not check for updates	
< <u>P</u> revious <u>N</u> ext > <u>F</u> inish	Cancel

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

Publish Wizard	? 💌
Ready to Publish!	
The wizard will now publish the application based on your choices.	
The application will be published to: file:///P:/A2%20Computer%20Studies/CG4/Installer/	
When this application is installed on the client machine, a shortcut will be added to the Start Menu, and th application can be uninstalled via Add/Remove Programs.	10
< <u>P</u> revious <u>N</u> ext > <u>F</u> inish Ca	incel

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

Login		×
	Login	
	Username: usemame Password: ••••••	
	Login Cancel	

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.

🖳 New Defect	×
Add	New Defect
Room ID:	E2
Defect Type:	Building Works 👻
Priority:	Normal
Description:	
Date Found:	01 April 2014 🗐 🕶
Add Defect	Cancel

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.

•	March 2014								
Mon	Tue	Wed	Thu	Fri	Sat	Sun			
24	25	26	27	28	(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			
31	1)							
		T	oday:	01/04	4/2014				

4. Click Add Defect.

Viewing Defects

🖳 Building Plan						
Selected Room: Room ID: E2 Number of Defects: 2						
Room Type: Bedroom						
Room Description: Second on left	E1	E2	E3	D3		
Add New Defect						
Print Report All Defects	C1		B2		W7	

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

DefectID	RoomID	Туре	Priority	Description	DateFound	DateResolved	UserID
2	E2	FFE	Normal	Sink Broken	29/11/2013	24/03/2014	admin
14	E2	Building Works	Normal		01/03/2014		user
orting			Made Defect				
orting Defect ID			Mark Defect Resolved				
-							

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.

🖳 Resolv	/e Defe	ct	—
Se		e date on v ct was reso	
03	April	2014	
		Resolve]

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

🖳 Building Plan					
Selected Room: Room ID: E2					
Number of Defects: 2					
Room Type: Bedroom					
Room Description: Second on left	E1	E2	E3	D3	
Add New Defect View Defects					
Print Report All Defects	C1		B2		W7

- 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

∮ ∮ 1 o	of 1 ▶ ▶∥ ·	+ 🛞 🚱 🖨 🗉] 💷 属 -	100%	•	Find Nex	t		
03/04/2014			All D	efects					<u>^</u>
			Numb	er of Each Ty	pe of Defect	1			
Percentage of Unresolved	58%	Low	Normal	High	Urgent	Critical	Total		
Defects:		1		6	1	1	3	12	
Defect ID	Room ID	Туре	Priority	Description	Date Found	Date Resolved	User ID		=
1	E1	FFE	Normal	Wood of bed backboard is cracked slightly	29/11/2013		admin		
3	E1	FFE	Normal	Something	05/01/2014		admin		
12	E1	Building Works	Normal	It smells.	24/03/2014		admin		
14	E2	Building Works	Normal		01/03/2014		user		
6	C1	M and E	High	No water in room	28/01/2014		admin		
7	C1	Building Works	Urgent	Large crack in ceiling	28/01/2014		admin		
5	C1	Building Works	Critical	Door does not open due to slanted	28/01/2014		admin		-
٠				111					•

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

🖳 Building Plan					
Selected Room: Room ID: -					
Number of Defects: -					
Room Type:					
Room Description:	E1	E2	E3	D3	
Add New Defect View Defects					
Add Room Delete Room					
Print Report All Defects	C1		B2		W7
Edit Controls					W7

- 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.

🖳 New Room
Add New Room
Room ID:
Room Type:
Room Description:
Add Room Cancel

5. Click Add Room

Editing the position or size of a room

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

🖳 Building Plan	
Selected Room: Room ID: -	
Number of Defects: -	
Room Type:	
Room Description:	E1
Add New Defect View Defects	
Add Room Delete Room	
Print Report All Defects	
Edit Controls	
Location:	
X:	
Y:1 +1	
Size: Width: -1 +1	
Height -1 +1	
Save	
Enable Editing	

3. Click on the room you would like to edit

🖳 Building Plan		
Selected Room:		
Room ID: E1		
Number of Defects: 4		
Room Type: Bedroom		
Room Description: First on left	E1	E2
Add New Defect View Defects		
Add Room Delete Room		
Print Report All Defects	C1	
Edit Controls		
Location: X: 52 Y: 66 -1 +1 C		
Size: Width: 125 -1 +1		
Height 125 -1 +1		
Save		
Disable Editing		

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

🖳 Building Plan				
Selected Room:				
Room ID: E1				
Number of Defects: 4	.			
Room Type: Bedroom				
Room Description: First on left		E1	E2	
Add New Defect View Defects				
Add Room Delete Room				
Print Report All Defects		C1		
Edit Controls				
Location:				
X: 52 -1 +1 Y: 66 -1 +1				
Size: Width: 125 -1 +1				
Height 125 -1 +1				
Save				
Enable Editing				

- 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

		Rooms		4 4 0	of 0
	Room ID	Room Type	Room Description	DefectID	RoomID
	B2	Bathroom	Second bathroom on right	*	
	C1	Kitchen	First floor main kitchen		
	D3	Cleaning Cupboa	Primary cleaning cupboard		
	E1	Bedroom	First on left		
	E2	Bedroom	Second on left		
	E3	Bedroom	Third on left		
	W7	Office	Tutor office		
ŧ					
		III		Sorting Oefect ID	
	Room	D: Decending		Room ID	

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

		Rooms		1	4 1	of 5 📔 🕨 🔰 🔰	<
	Room ID	Room Type	Room Description		DefectID	RoomID	
	B2	Bathroom	Second bathroom on right	• •	4	C1	
	C1	Kitchen	First floor main kitchen		5	C1	
	D3	Cleaning Cupboa	Primary cleaning cupboard		6	C1	
	E1	Bedroom	First on left		7	C1	
	E2	Bedroom	Second on left		8	C1	
	E3	Bedroom	Third on left	*			
	W7	Office	Tutor office				
*							
1		111	_	4			
					Sorting		

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

	Rooms	i	1		of 5 🕨 🕨	×)efec
Room ID	Room Type	Room Description		DefectID	RoomID	Туре	Priorit
B2	Bathroom	Second bathroom on right	•	4	C1	M and E	Critical
C1	Kitchen	First floor main kitchen		5	C1	Building Works	Critica
D3	Cleaning Cupboa	Primary cleaning cupboard		6	C1	M and E	High
E1	Bedroom	First on left		7	C1	Building Works	Urgen
E2	Bedroom	Second on left		8	C1	Building Works	Low
E3	Bedroom	Third on left	*				
W7	Office	Tutor office					
Room	ID: O Decending		(Sorting Defect ID Room ID		Search/Filter: Defect1	III

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

🖳 View					— ×
	 ◀ 2 of 3 				
	Userld	Password	Email	Tel_Number	User_Level
	admin	admin			admin
•	user	user			user
	user1	user1			user
Add	New User				
Sor	ting				
 U 	lser ID	Search/Fi	lter: Userld		
© U	lser Level				

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

🖳 New User	×
Add	New User
UserID*:	
Password*:	
Re Enter Password*:	
Email:	
Telephone Number:	
User Level*:	user •
Add User	Cancel
* - Required Field	

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