

Step #	Step Details	Expected Results	Actual Results	Pass /Fail	Fix
1	Incorrect Login Details	Incorrect Login Message	As Expected (Fig. 1)	Pass	N/A
2	Correct Login Details (Warden)	Correct Login Message, open warden window	As Expected (Fig. 2)	Pass	N/A
3	Correct Login Details (Student)	Correct Login Message, open student window	As Expected (Fig. 3)	Pass	N/A
4	Correct Login Details (Manager)	Correct Login Message, open manager window	As Expected (Fig. 4)	Pass	N/A
5	Edit room as Warden	Room is edited in database	Fig. 5 Below	Fail	Program was attempting to use send information into disabled text boxes, and then was unable to save the information from those text boxes. Program now only writes and reads the cleaning status text box.
6	Edit room as Manager	Room is edited in database	As Expected (Fig. 6)	Pass	N/A

7	Enter invalid room number	“This room does not exist” popup	As Expected (Fig. 7)	Pass	N/A
8	Enter valid room number	Autofill input fields with data from database	The first two input fields filled, but the rest did not (Fig. 8+9 below)		Command failed because the database had no student name due to being unoccupied. Fixed by adding N/A to empty rooms as the student name.
9	Apply using registration system	Database updated with information	Database updates, but all data is reduced to “None” (Fig. 10)	Pass	Unsure. Remains broken.

Figure 1

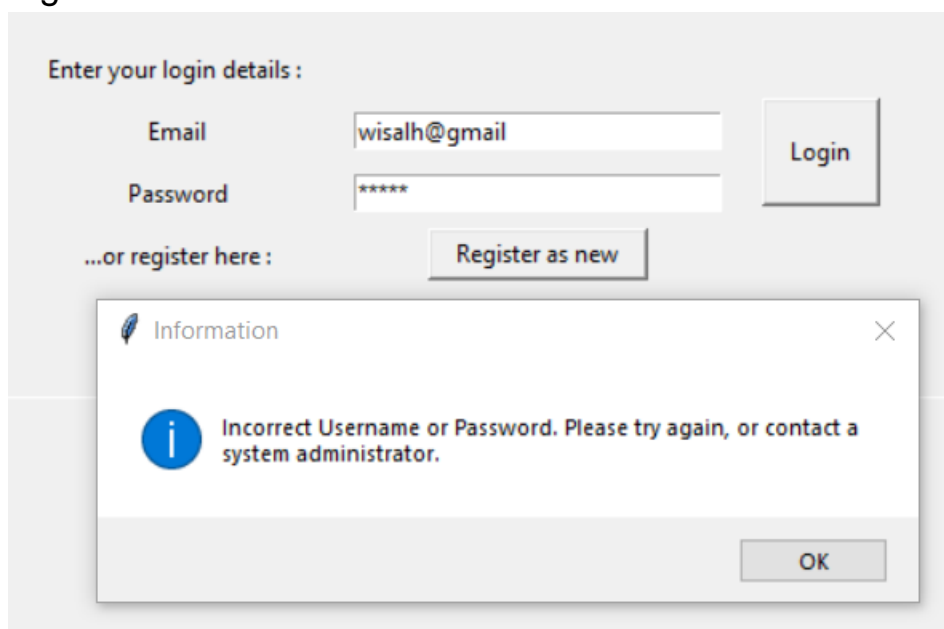


Figure 2

Warden's window

Room Number	Hall Names	Student Name	Lease Number	Occupancy Status	cleaning Status
1	Brecon	Wissam Salhab	520.0	Occupied	Clean
2	Jameson	N/A	550.0	Empty	Clean
3	Brecon	Omar Monla	900.0	Occupied	Dirty
4	Brecon	N/A	675.0	Empty	Clean
5	Costwold	Ajay Tracey	420.0	Occupied	Dirty

Change details of room with number :

Room Number :

Hall Name :

Student Name :

Lease Number :

Occupancy Status :

Cleaning Status :

Figure 3

Name :Wissam Salhab
Student Number :190001
Email :wisalh@gmail.com
Contact Number :582777200
Application Status :Accepted

Figure 4

Room Number	Hall Names	Student Name	Lease Number	Occupancy Status	cleaning Status
1	Brecon	Wissam Salhab	520.0	Occupied	Clean
2	Jameson	N/A	550.0	Empty	Clean
3	Brecon	Omar Monla	900.0	Occupied	Dirty
4	Brecon	N/A	675.0	Empty	Clean
5	Costwold	Ajay Tracey	420.0	Occupied	Dirty

Change details of room with number :

Room Number :

Hall Name :

Student Name :

Lease Number :

Occupancy Status :

Cleaning Status :

Figure 5 (Error for Warden)

```

C:\Users\MillerN\Desktop\coursework_18.01.22 & C:\Users\MillerN\AppData\Local\Programs\Python\Python39\python
Exception in Tkinter callback
Traceback (most recent call last):
  File "C:\Users\MillerN\AppData\Local\Programs\Python\Python39\lib\tkinter\_init_.py", line 1884, in __call__
    return self.func(*args)
  File "c:\Users\MillerN\Desktop\coursework_18.01.22\cwBACKUP2.py", line 297, in submit_details
    c.execute("""UPDATE rooms SET
sqlite3.IntegrityError: datatype mismatch
C:\Users\MillerN\Desktop\coursework_18.01.22 & C:\Users\MillerN\AppData\Local\Programs\Python\Python39\python


```

Figure 6

Room Number	Hall Names	Student Name	Lease Number	Occupancy Status	cleaning Status
1	Brecon	Wissam Salhab	520.0	Occupied	Clean
2	Jameson	N/A	550.0	Empty	Clean
3	Brecon	Omar Monla	900.0	Occupied	Dirty
4	Brecon	N/A	675.0	Empty	Clean
5	Costwold	Ajay Tracey	420.0	Occupied	Dirty

Change details of room with number :

Operation Successful

 Data for room number 1 successfully updated.

Lease Number :

Occupancy Status :

Cleaning Status :

Figure 7

Change details of room with number :

Room

Ha

Stud

Leas

Occupancy Status :

Cleaning Status :

Information


 This room does not exist.

Fig. 8+9 (Error for Manager)

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Exception in Tkinter callback
Traceback (most recent call last):
  File "C:\Users\MillerN\AppData\Local\Programs\Python\Python39\lib\tkinter\__init__.py", line 1884, in __call__
    return self.func(*args)
  File "c:\Users\MillerN\Desktop\coursework 18.01.22\cw.py", line 328, in edit_room
    student_name_entry.insert(0, record[2])
  File "C:\Users\MillerN\AppData\Local\Programs\Python\Python39\lib\tkinter\__init__.py", line 3052, in insert
    self.tk.call(self._w, 'insert', index, string)
_tkinter.TclError: wrong # args: should be ".!toplevel.!labelframe2.!entry3 insert index text"
```

Change details of room number :

4

submit

Room Number :

4

Hall Name :

Brecon

Student Name :

Lease Number :

Occupancy Status :

Cleaning Status :

Submit

Logout

Fig. 10 (Error with registration system)

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[ (None, None, None, None), (None, None, None, None), (None, None, None, None), (None, None, None, None),
  (None, None, None, None), (None, None, None, None), (None, None, None, None), (None, None, None, None),
  (None, None, None, None), (None, None, None, None), (None, None, None, None), (None, None, None, None),
  (None, None, None, None), (None, None, None, None), (None, None, None, None), (None, None, None, None)]
```