 

**Informatics Institute of Technology**

**Department of Computing (B.Eng.) in Software Engineering**

**Module: 4COSC010.2 Software Development II**

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**Coursework Report**

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## Testing

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| Test Case | Expected Result | Actual Result | Pass/Fail |
| Initialize the program  Select “V” | All room want to be empty  Want to display like (“room no 1-8 is empty”) | Displays like (“room no1 is empty”) for all the (1-8) numbers | Pass |
| (Add customer “steve” to room 3)  Select A, enter 3, enter “steve” | Press ‘V’  Want to Displays “room no 3 is occupied by steve” | Displays Displays “room no 3 is occupied by steve” | Pass |
| (Delete customer from room 3 “steve” already in room 3)  Select D, enter 3 | Press ‘V’  Remove “steve” from room3  show (“room no 3 is empty”) | Displays (“room no 3 is empty”) | Pass |
| (Find customer “steve”)  (“steve is in room 3)  Select F, enter “steve” | Want to Display (“steve in room 3”) | Displays (“steve in room 3”) | Pass |
| (Find “roger”),  (“roger” doesn’t in any room)  Select “F”,Enter “roger” | Want to Display (“roger doen’t in any rooms”) | Displays (“roger doesn’t in any rooms”) | Pass |
| (Add customer “roger” to room 3)  (“steve” in room 3 already)  Select A, Enter 3 | Want to display (“steve in room 3”) | Displays (“steve in room 3”) | Pass |
| (Save data to a file)  (“steve in room 3”)  Select S | Want to store the “steve” in the 3rd of a txt file | “steve” is stored in the 3rd line of txt file | Pass |
| (load the data to the program)  (“steve” is stored in the 3rd line of the text file)  Enter “L” | Want to read “steve” and need to assign “steve” to the 3rd room name  Press ‘V’  Want to display Display “room no 3 is occupied by steve” | Displays “room no 3 is occupied by steve” | Pass |
| Check the empty rooms  Press “E” | Want to display the empty rooms like (“room no 1 is empty”) | Display the empty rooms like (“room no 1 is empty”) | Pass |
| Check some customer’s name  (“steve”, “roger”, “lylia”, “fanny”) | Want to display the customer’s name in alphabetic order | Displays the names in the alphabetic order | Pass |
| Select “A”, Select “6”, enter “zhask”, enter “y”, enter “Jathu”, enter “shanth”, enter “434422335” | Want to add “zhask” to room 6, take “Jathu” as firstname , “shanth” as lastname and “434422335” as creditcard number and want to output as payment success  Press “C” | Displays (“payment success” message  Displays (“room no 6 is occupied by zhask”)and (firstname: Jathu, lastname: shanth, creditcard number: 434422335) | Pass |
| Rooms are full. Press “A”  Enter “zilong” | Want to assign a place in the queue and name it “zilong” | - | Fail |
| Rooms are full. “zilong “is on waiting queue. Delete customer from room 3  Select D, select 3 | Delete customer from room 3 and ad “zilong” as a customer for room 3 and want to delete “zilong” form the queue | Only delete customer from room 3 | Fail |
| Quit the program  Press “Q” | Want to quit the program with code 0 | Quit the program with code 0 | Pass |

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