 

**Informatics Institute of Technology**

Department of Computing

(B.Eng.) in Software Engineering

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OOP CW Test case

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|  | **Test Case** | **Expected Result** | **Actual Result** | **Pass/fail** |
| **Console** | | | | |
| 01 | When the manager selects 1 the system directs the data to the system | The system read data from the file and print the list of products convert in into the toString the system has. |  | Pass |
| 02 | When user enters numbers to a name error message get displayed | An error message saying “invalid input please enter correct input” gets displayed and the system will  continue running | An error message saying “invalid input please enter correct input”  gets displayed and the system will continue running | Pass |
| 03 | When user enters wrong date an error message is displayed | An error message saying “invalid input please enter again(yyyy-mm-dd)”  gets displayed and the  system continues | An error message saying “invalid input please enter again(yyyy-mm- dd)” gets displayed and the system continues | Pass |
| 04 | When user enters incorrect mobile number error message gets displayed | An error message saying “invalid input please enter again”gets dislayed and the system  continues | An error message saying “invalid input please enter again”gets  dislayed and the system continues | Pass |
| 05 | Doctor gets added to the list | A message displays saying doctor added and the doctor gets  added to the list | A message displays saying doctor added and the doctor gets added to the list | Pass |
| 06 | When user enters 2 a doctor will be deleted | A prompt will appear to select the medical license number and then the doctor gets  deleted successfully from the system | A prompt will appear to select the medical license number and then the doctor gets deleted successfully from the system | Pass |
| 07 | If the same medicallicensenumber is given again error message is displayed | An error message displays saying the medical number  already exists and the system continues | An error message displays saying the medical number already exists and the system continues | Pass |
| 08 | Doctor gets successfully deleted from the list | A message displays saying doctor deleted successfully and the selected doctor gets deleted from the  array | A message displays saying doctor deleted successfully and the selected doctor gets deleted from the array | Pass |
| 09 | When user enters 3  details of all the | All the details of the  doctors in the system | All the details of the doctors in the  system gets displayed | Pass |

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| --- | --- | --- | --- | --- |
|  | doctors will be  displayed | gets displayed |  |  |
| 10 | When user enters 4 all the details get saved in a text file | A message displays saying the file saved successfully and the details get saved to a  file | A message displays saying the file saved successfully and the details get saved to a file | Pass |
| 11 | When user enters 5 all the details will load back to the system | A message displays saying the file loaded successfully and the details will get loaded  back to the arrays | A message displays saying the file loaded successfully and the details will get loaded back to the arrays | Pass |
| 12 | When user inputs a wrong choice an error message is displayed | A message gets displayed saying  invalid choice and the menu continues | A message gets displayed saying invalid choice and the menu continues | Pass |
| 13 | When user inputs 6  GUI will open | The GUImain frame  will get opened | The GUImain frame will get  opened | Pass |
| 14 | When user enters 7 it  will exit the system | The system will get  terminated | The system will get terminated | Pass |
| **GUI** | | | | |
| 15 | When the user presses show doctors button | The show doctor frame will open and if there are doctors it will get displayed on a  table | The show doctor frame will open and if there are doctors it will get displayed on a table | pass |
| 16 | When the user presses the sort button | The doctors in the table will get sorted alphabetically in order  to the surname | The doctors in the table will get sorted alphabetically in order to the surname | pass |
| 17 | When the user  presses back | The user will come  back to the main page | The user will come back to the  main page | pass |
| 18 | When the user presses the add consultation button | The user will come to a new frame and comes to a form that he/she has to enter  their details | The user will come to a new frame and comes to a form that he/she has to enter their details | pass |
| 19 | When the user enters a wrong input for the name textfield | An error message will be shown below and he/she will not be able to consult a  doctor | An error message will be shown below and he/she will not be able to consult a doctor | pass |
| 20 | When the user enters a wrong input for the surname field | An error message will be shown below and he/she will not be  able to consult a doctor | An error message will be shown below and he/she will not be able to consult a doctor | pass |