

5COSC019C
Object Oriented Programming
CW Test Plan

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- **Console Test Plan**

Test Case	Expected Result	Actual Result	Pass/Fail
After program starts displays menu	Display menu	Display menu and Let users insert options	Pass
To Add a doctor, enter 1 in the "CONSOLE MENU" to displays a "Add New Doctor" menu	Display "Add New Doctor" menu	Display "Add New Doctor" menu	Pass
Enter "Joe" to "Name"	Doctor First name added	Doctor first Name added	Pass
Enter "Root" to "Surname"	Doctor Surname added	Doctor Surname added	Pass
Enter 2001-03-04 to "Date of Birth (YYYY-MM-DD)"	Doctor Date of Birth added	Doctor Date of Birth added	Pass
Enter 0718324589 to "Mobile phone Number "	Doctor Mobile number added	Doctor Mobile number added	Pass
Enter '123' to "Medical license Number"	Doctor Medical license Number added	Doctor Medical license Number added	Pass
Enter 'Skin rashes' to Specialization	Doctor Specialization added	Doctor Specialization added	Pass
Enter 0 to exit	exit from the program	exit from the program	Pass
To Delete a doctor, enter 2 in the "CONSOLE MENU" to displays "Delete Doctor" menu	Displays delete doctor menu	Displays delete doctor menu	Pass
Enter 123 to "Medical License Number of Doctor to Be Deleted"	Doctor with License Number "123" will be deleted	Doctor with License Number "123" will be deleted	Pass
To Display doctors list, enter 3 in the "CONSOLE MENU"	List of the Doctors will be Display	List of the Doctors Displays	Pass
To Save the Data in a File Enter 4 in the "CONSOLE MENU"	Doctor's Details will be saved in a text file	Doctors Details will be saved in a text file ."	Pass

Enter a Letter in the "CONSOLE MENU"	Invalid input	Displays "ENTER A VALID INPUT "	Pass
Enter A Number except "12345" in the "CONSOLE OPTION MENU"	Invalid input	Displays "ENTER A VALID INPUT "	Pass

GUI Test Plan

Test Case	Expected Result	Actual Result	Pass/Fail
Enter 5 to in the "CONSOLE OPTION MENU" to open the GUI	Open the GUI	Open the GUI and Doctors List automatically load	Pass
Click "Sort by last name "	Doctors list will be Sorted	Doctors list will be Sorted	Pass
Click 'Book a Consultation'	Open "check Doctors availability "	Open "check Doctors' availability "	Pass
Select Date and time Click "Check Availability"	Open Patient and Consultation Details Form	Open Patient and Consultation Details Form	Pass
Add Information in Patient and Consultation Details Form	Information added	information added	Pass
Click "Save" to Book a Consultation	Successful Book a Consultation	Successful Book a Consultation and Displays in Consultation list	Pass
Click "RESET" to reset the form	Patient and Consultation Details Form will be reset	Patient and Consultation Details Form will be reset	Pass
Click "View" in the "Consultation list" To display Patient and Consultation Details	Patient and Consultation Details will be Displayed	Patient and Consultation Details will be Displayed in a new Window	Pass