



INFORMATICS
INSTITUTE OF
TECHNOLOGY

Test Plan

5COSC019C.1 Object Oriented Programming

Name: Ranvinu Hewage

IIT No: 20210262

UOW NO: w1870553

Tutorial Group: SE-D

Test Scenario Description	Test Case Description	Test Steps	Pre-Conditions	Expected Results	Test Data	Status
Verifying the user given input in the console menu	Checking whether user entered values are valid	Entering Invalid inputs	When user run the application it'll show the valid inputs that need to be entered and the console menu	A message saying that the entered input is invalid and will tell them to try again and will show the console menu again.	Any integer or any letter besides D,P,S,G,Q	Pass
Checking whether entered doctor no in the input doctor method is pre used	Checking if the user entered doctor no is pre used and doctor is already added to the list	Entering already added doctor's license number	The user should enter a one of the medical license no of already added doctor	A message saying that doctor with that medical no is already added and it'll tell the user to add another no.	Already added doctors medical number	Pass
When deleting a doctor checking whether the given no is real.	When user want to delete a specific doctor user need to give the doctors medical license number.	Entering medical no of a doctor that is not added in the list	User must enter a wrong medical that a doctor in the list doesn't have	A message saying that there is no doctor in the list with that medical license no.	Medical license number of a doctor who is not in the list	Pass
Verifying that only 10 doctors can allocate in the list.	Checking whether user can enter more than 10 to 10 only doctor list	Enter a doctor to a list that already has 10 doctors	First user need to add 10 doctors to the list and user need to try to add the 11 th doctor to the list	A message saying "Doctor List is Full" will show in the console	11th doctor added to the list	pass
Verifying the save method working	After adding doctors you need to save the list and check it	After adding doctors to list save it	Go to the console and add some doctors then save details	A message saying doctors successfully saved and also you can open	Add a doctor and save it	pass

			and a text file will appear in the specific are	the saved file and see if it is saved		
GUI doc table check	After giving details checking whether those doctor details is shown in the doc list in the GUI	Open gui and select doctor list	In the console menu select gui and open it then select doctor list button	Added doctor list in a table	Doctors added to list also automatically added to table in the gui	pass
Alphabetical order in the table	Making sure that user can make the surnames alphabetically order by pressing the column name of the surname	After clicking doc list button pressed the surname column name to make the names alphabetically ordered	User must go the console and open the GUI and pressed the Doc list button to open the table with doctor details	After pressing the column name of the surname column all the list will be alphabetically ordered	-	pass
Verifying all the text field are filled	In the patient form every textfield need to be filled	In the patient form user will not fill text field intentionally	After selecting a doctor from the table user can fill the patient form	An error will popup below the form	Intentionally making a text fiel blank	pass
Checking whether the doctor available at the chosen time by the patient	If the doctor is not available at the chosen time system will assign a random doctor to the patien	Choose a consultation time and check whether the selected doctor is available	After selecting the doctr from the table user need to select a time for consultation	If doctor is available at the chosen time he will be assigned to patient if not random doctor from the list will be assigned to patient	Adding a consultation time	pass

