

Console Menu Implementation and GUI

Test Plan

Test Case	Expected Result	Actual Result	Pass/Fail
Enter wrong input in the menu	Invalid choice.	Invalid choice.	Pass
Enter 1 (Add Doctor)	Display Enter Name:	Enter Name:	Pass
Enter Dumindu as name	Display next step Enter surname:	Enter surname:	Pass
Enter Herath as surname	Display next step Enter date of birth (YYYY-MM-DD):	Enter date of birth (YYYY-MM-DD):	Pass
Enter 1999-06-08 as date of birth	Display next step Enter mobile number:	Enter mobile number:	Pass
Enter 19990608 as date of birth	Display Error: Invalid date format.	Error: Invalid date format.	Pass
Enter 0701466511 as mobile number	Display next step Enter medical license number:	Enter medical license number:	Pass
Enter 50 as medical license number	Display next step Enter speciality(e.g. cosmetic dermatology, medical dermatology, paediatricdermatology, etc.):	Enter speciality(e.g. cosmetic dermatology, medical dermatology, paediatricdermatology, etc.):	Pass
Enter "cosmetic" as speciality	Display Doctor added successfully.	Doctor added successfully.	Pass
Enter 2 (Delete Doctor)	Display Enter medical license number:	Enter medical license number:	Pass
Enter 50 as medical license number	Display Doctor deleted successfully: Name: Dumindu Surname: Herath Medical license number: 50 Speciality: cosmetic Total number of doctors: 0	Doctor deleted successfully: Name: Dumindu Surname: Herath Medical license number: 50 Speciality: cosmetic Total number of doctors: 0	Pass
Enter wrong input(1) as medical license	Display Error: Doctor with medical license	Error: Doctor with medical license	Pass

number	number 1 not found.	number 1 not found.	
Enter 3 (Print Doctors)	Display Name: Dumindu Surname: Herath Date of birth: 1999-06-08 Mobile number: 0701466511 Medical license number: 50 Speciality: cosmetic Doctor list printed successfully	Name: Dumindu Surname: Herath Date of birth: 1999-06-08 Mobile number: 0701466511 Medical license number: 50 Speciality: cosmetic Doctor list printed successfully	Pass
Enter 4 (Save Information)	Display Information saved successfully And creates a text file ordered alphabetically according to the doctor surname	Information saved successfully. Creates text file ordered alphabetically according to the doctor surname	Pass
Enter 5 (Consult a Doctor)	Open the GUI	Opens GUI	Pass
Click on Consult a Doctor button	Display Please select a doctor	Please select a doctor	Pass
Click Consult a Doctor button choosing Dumindu as doctor	Display a new window to enter patient details such as name, surname, date of birth, mobile number, consultation date and consultation time.	Displays new window to enter patient details name, surname, date of birth, mobile number, consultation date and consultation time	Pass
Click on Done button	Display Please enter patient name	Please enter patient name	Pass
Type Dinuka as name and click done	Display Please enter patient surname	Please enter patient surname	Pass
Type Perera as surname and click done	Display Please enter patient mobile no	Please enter patient mobile no	Pass
Type 0713775070 as mobile number and click done	Display Please enter a note	Please enter a note	Pass
Type "Hi, I'm ill" in the note section,	Display Successful. Your cost is £25.	Successful. Your cost is £25.	Pass

enter date of birth as 02/05/2004 , enter consultation date as 04/07/2023 , enter consultation time as 8.00-9.00 and click done			
Click on added consultation	Display added consultation with the doctor and patient details	Displaying added consultation with the doctor and patient details	Pass
Enter 6 (Read Information)	Display Doctor file created successfully.	Doctor file created successfully.	Pass
Enter 7 (Exit)	Display Exiting Menu..	Exiting Menu..	Pass
Enter 3 in the menu without adding a doctor	Display Error: No doctors found.	Error: No doctors found.	Pass
Enter 6 in the menu without saving to a file	Display Error: No doctors were saved to the file	Error: No doctors were saved to the file	Pass