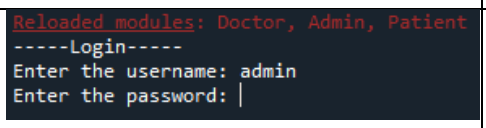
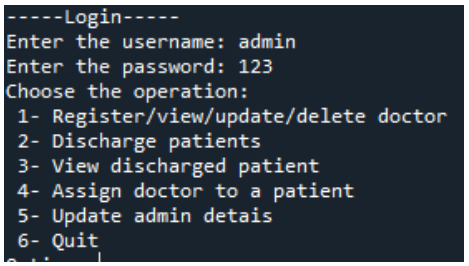
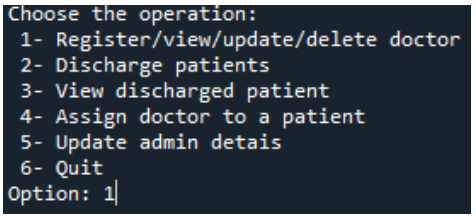
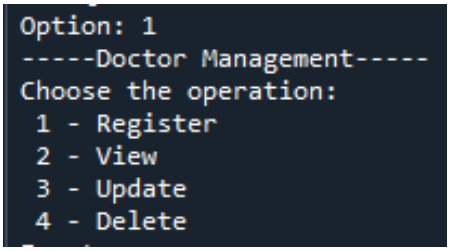
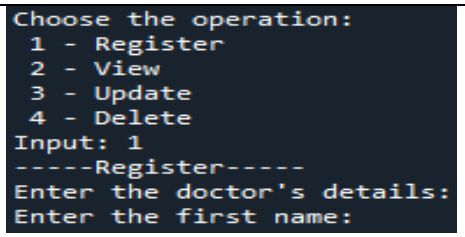
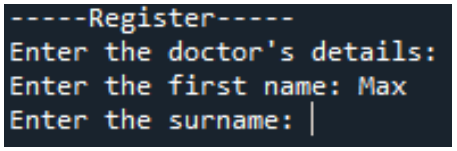
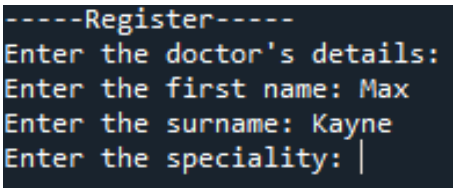
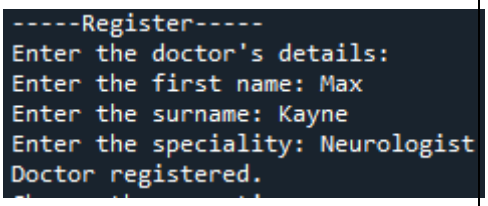
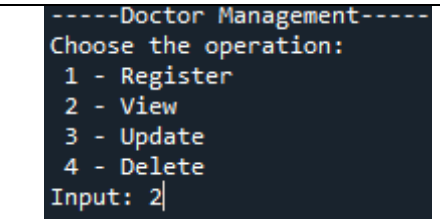
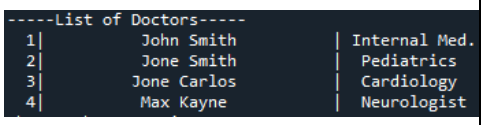
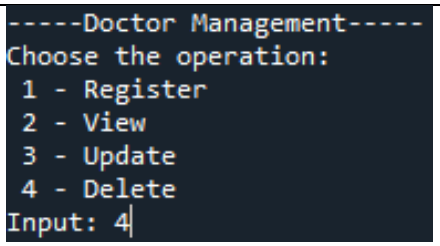
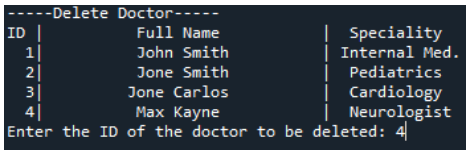
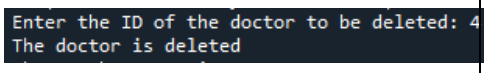
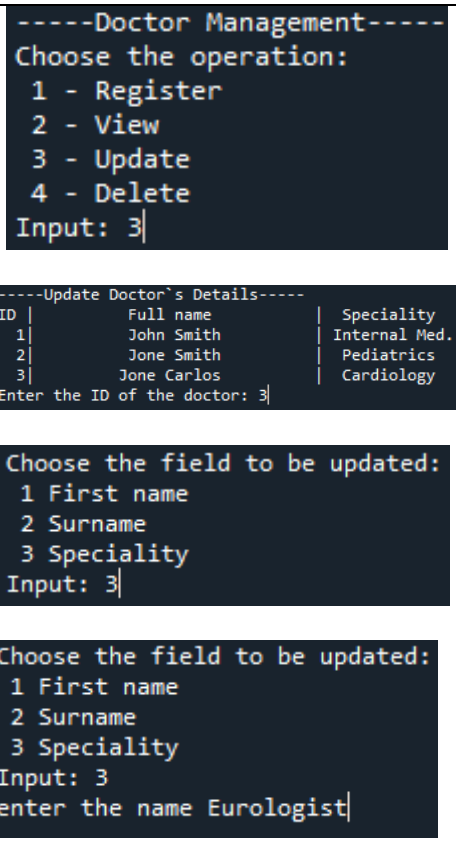
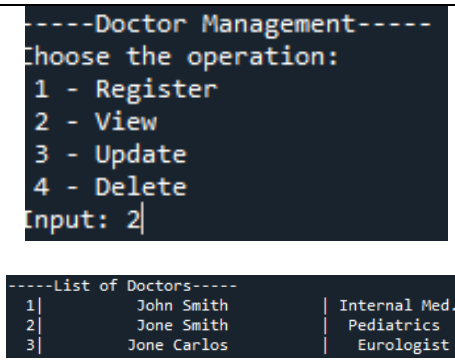
ASSESSMENT 3 - TEST CASES

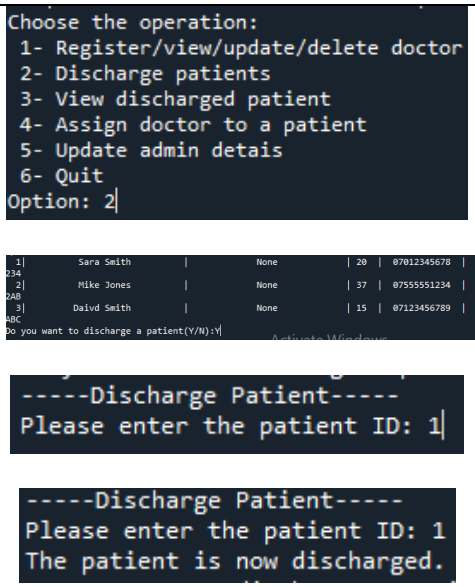
Test Case ID	Software Feature	Steps	Expected	Actual Result	Passed/ Failed
1	Successful user log in	1. Run Programme 2. System ask for Login details 3. Enter username: admin 4. Enter password: 123	Hospital management system starts successfully, and it asks for a username and password. Login successful and the main menu will be displayed.	 	Passed
2	The system shows menu to register, view, update and delete doctor	1. Main menu appears after login 2. The system asks to choose one of the operation from the main menu 3. The user input "1" in the console	Another menu will be displayed with four operations. This menu will provide options to register, view update and delete doctor for the user	 	Passed

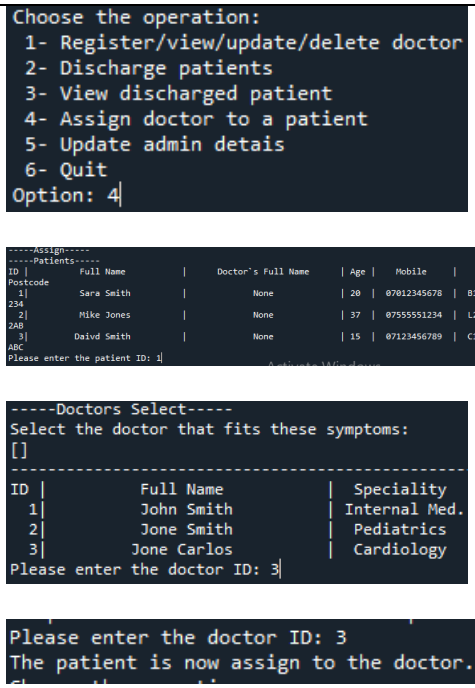
3	Registering a doctor in the system	1. The user choose first operation from the doctor management menu 2. The user input "1" in the console 3. The system asks for the first name of the doctor 2. The user input "Max" as the first name 2. The user input "Max" as the first name 3. The system asks for the surname of the doctor 2. The user input "Kayne" as the surname 3. The system asks for the speciality of the doctor 2. The user input "Neurologist" as a speciality	When the user input "1" to register, it will ask to enter the doctor's details. The system will ask for the first name, surname and the speciality for a doctor to be registered. The user will input all the details in the console and a statement stating "Doctor registered." will appear	   	Passed

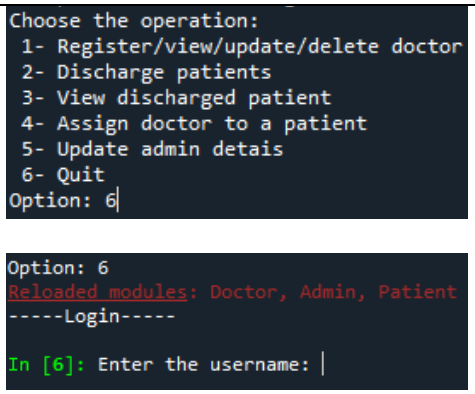
4	View doctor list	1. The user choose second operation from the doctor management menu 2. The user input "2" in the console	The doctor management menu asks to choose one of the operation. The user will input "2" from the keyboard in the console panel. "List of Doctors" statement will appear. Under this statement the list of doctors will be visible maintaining ID serially including the speciality of doctors.	 	Passed
5	Deleting doctor from the list	1. The user choose fourth operation from the doctor management menu 2. The user input "4" in the console 3. The user enter the doctor ID to be deleted	The doctor management menu asks to choose one of the operation. The user will input "4" from the keyboard in the console panel. The list of doctor will appear and the system will ask to enter the ID to delete from the doctor list. When the ID is entered from the user the doctor is deleted and a statement will show "The doctor is deleted"	  	Passed

6	Updating doctor speciality	1. The user choose third operation from the doctor management menu 2. The user input "3" in the console 3. Enter the doctor ID 4. The system asks to enter the field of the doctor to update 5. The user input "3" in the console 5. The user enters the speciality as "Eurologist" in the console	The doctor management menu asks to choose one of the operation. The user will input "3" from the keyboard in the console panel. The list of doctor will appear under the statement "Update Doctor's Details" and the system will ask to enter the ID of the doctor to be updated from the doctor details list. The user will input ID number "3" that is John Carlos Then, the system will ask to enter the field of the doctor that is either first name, surname or speciality The user will input "3" as it consist the speciality to change. The user will then ask to "enter the name" The user will type the new speciality in the console panel		Passed

7	View updated doctor details	1. The user choose second operation from the doctor management menu 2. The user input “2” in the console	The doctor management menu asks to choose one of the operation. The user will input “2” from the keyboard in the console panel. “List of Doctors” statement will appear. Under this statement the list of doctors will be visible maintaining ID serially including the speciality of doctors. The doctor name “John Carlos” assigned with ID number “3” can be seen the speciality changes to “Eurologist”	 	Passed

8	Discharging a patient	1. Main menu appears after login 2. The system asks to choose one of the operation from the main menu 3. The user input "2" in the console 4. The user input "Y" in the console and agree to discharge a patient 5. The user enters patient ID "1" in the console	The user will choose second operation from the main menu and input "2" in the console. A list of patients will be shown including patient details. The system will ask whether the user want to discharge a patient by stating "Do you want to discharge a patient(Y/N):" The user will input "Y" from keyboard and a heading statement will appear stating "Discharge Patient", under this statement, the system will ask to "Please enter the patient ID" The user will input "1" in the console. Lastly, the statement will be visible "The patient is now discharged."		Passed

9	Assign a patient to doctor	1. Main menu appears after login 2. The system asks to choose one of the operation from the main menu 3. The user input "4" in the console 4. The user enters patient ID "1" in the console 4. The user enters doctor ID "3" in the console	The user will choose fourth operation from the main menu and input "4" in the console. The patient list will be visible that includes patient details. The system will ask to "enter the patient ID:" the user will input "1" in the console to assign the first patient in the list. After that, it will ask to "select the doctor that fits these symptoms:" the user will select a doctor to assign with the selected patient by input doctor ID "3" from the keyboard into the console panel. Finally, a statement will show that "The patient is now assign to the doctor."		Passed

10	Logout from the system	1. The system asks to choose one of the operation from the main menu 2. The user input "6" in the console to quit	As the user enter "6" in the console the system will logout. The system will ask again to "enter the username" to login the system.	 	Passed