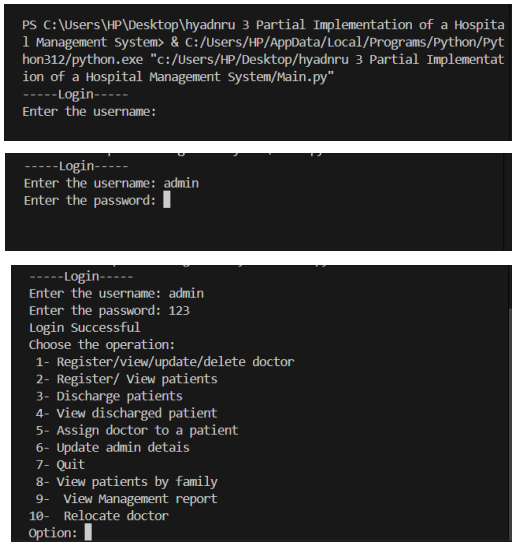
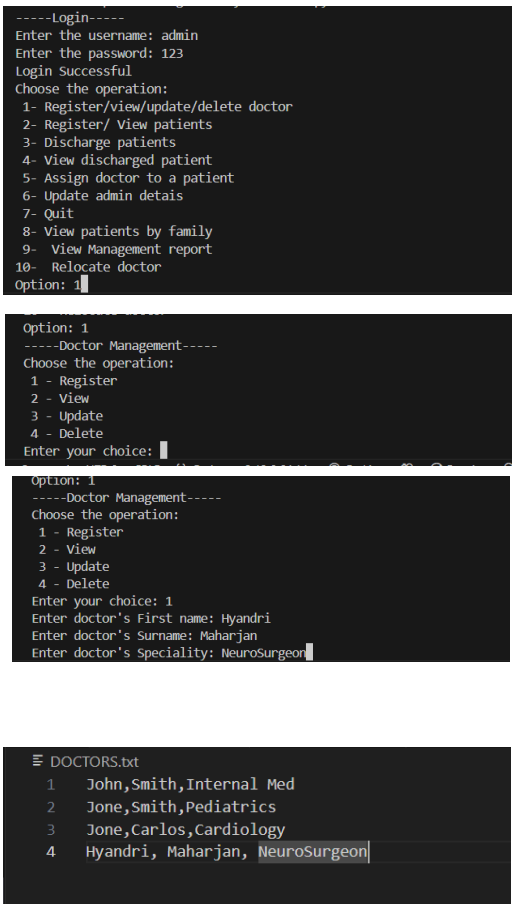
Test Case of Hospital management system

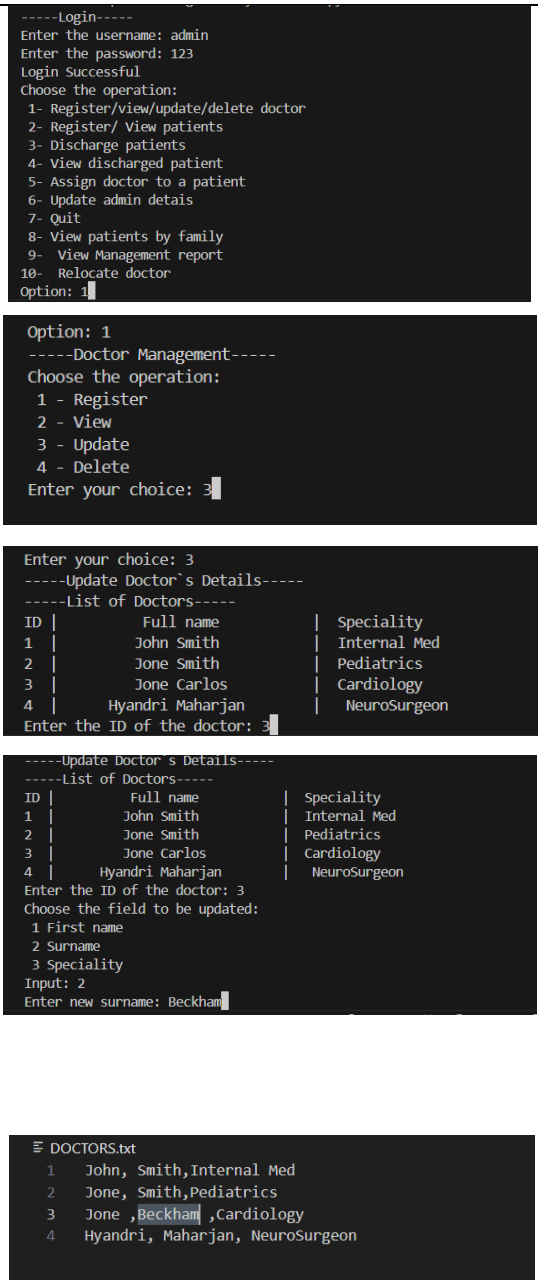
Test case-1

Test Case ID	Software feature	Steps	Expected	Actual	Passed/Failed
TC1	Successful user log in	1. Run programme 2. Enter : admin 3. Enter: 123	Hospital management system app starts successfully and it asks for a username. Username taken and the Programme will ask for a password. Login successful and the user menu displayed.		PASS

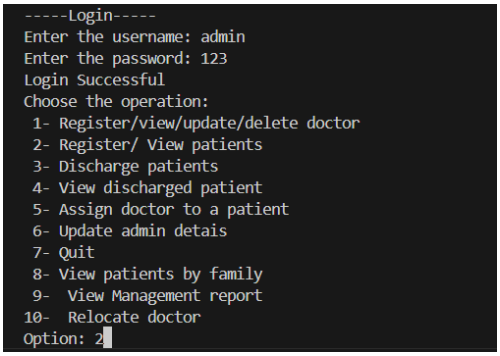
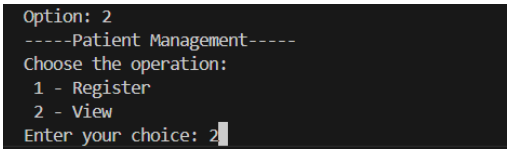
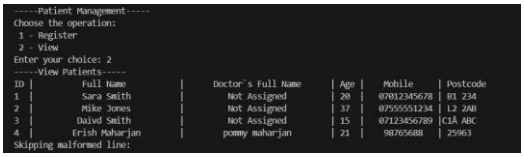
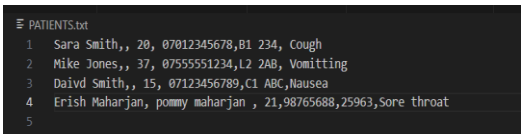
Test case-2

	Software feature	Steps	Expected	Actual	Passed/failed
TC2	Reister a new Doctor into the system.	1. In user menu, enter: 1(doctor management) 2. Enter: 1(register doctor 3. Enter: Hyandri 4. Enter: Maharjan 5. Enter: NeuroSurgeon	Doctor registering in doctor management system successfully starts. It asks user to enter new doctor's first name, surname and his/her Specialty. The new doctor's data then is saved into "DOCTORS.TXT" file.		PASS

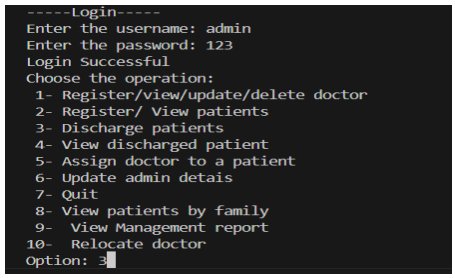
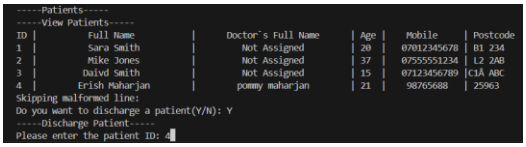
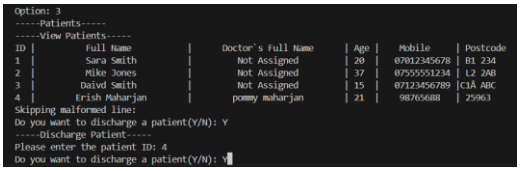
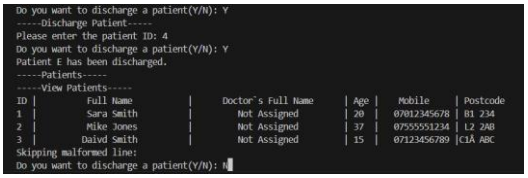
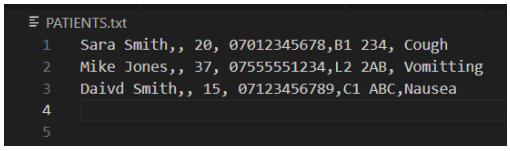
Test case-3

Test Case	Software feature	Steps	Expected	Actual	Passed/Failed
TC3	Update the data of existing Doctor	1. In user menu, Enter: 1(doctor management) 2. Enter: 3(Update doctor 3. Enter ID of doctor: 3 4. Enter the field: 2 5. Enter: Beckham	Doctor Updating in doctor management system successfully starts. It first asks user which doctor's detail user wants to update. The programme asks user which field of that Doctor's information the user wishes to update. User enters the new data which overwrites the current data and saves into "DOCTORS.TXT" file.		PASS

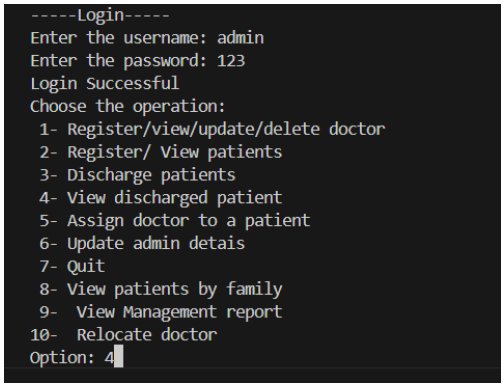
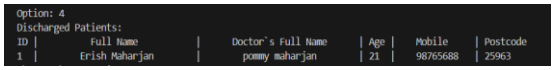
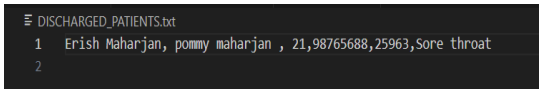
Test case-4

Test Case	Software feature	Steps	Expected	Actual	Passed/Failed
TC4	Print all patients registered in hospital management system.	1. Enter: 2 (Patient Management) 2. Enter: 2	Patient viewing in patient management system successfully starts. It first asks user to either register or view patient. When viewing patient, it successfully retrieves patient's data from "PATIENTS.txt" file and prints it in the terminal.	   	PASS

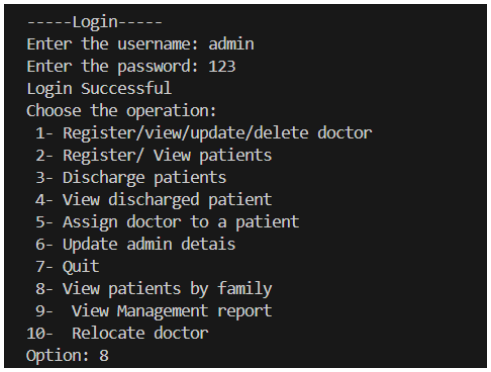
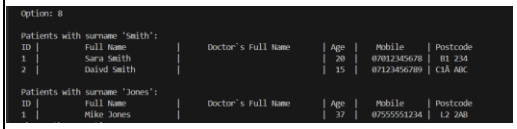
Test case-5

Test Case	Software feature	Steps	Expected	Actual	Passed/Failed
TC5	Delete a patient from hospital management system.	1. Enter: 3 2. Enter: Y 3. Enter: 4 4. Enter: Y 5. Enter: N	Patient Discharging system successfully starts. It first prints all the patients currently registered in the system. The system confirms weather user wants to discharge a patient or not then asks ID of patient to discharge. The system asks re-confirms weather user wants to discharge the patient. System repeatedly asks to discharge patient until patient inputs “N”.	     	PASS

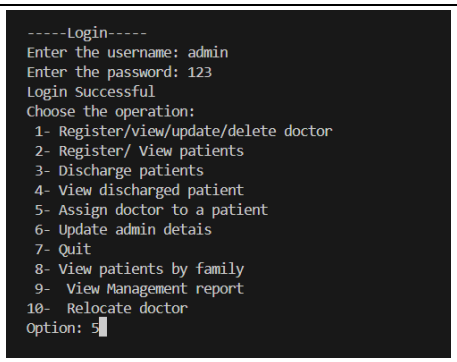
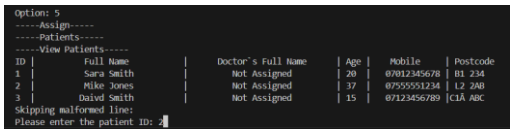
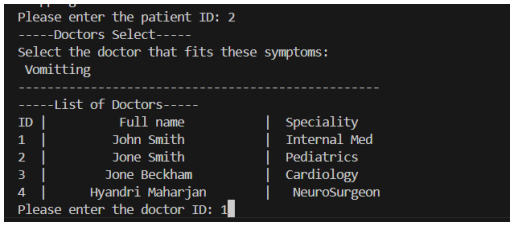
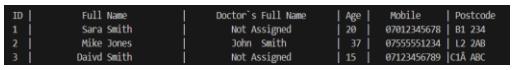
Test case-6

Test Case	Software feature	Steps	Expected	Actual	Passed/ Failed
TC6	View discharged patients.	1. Enter: 4	Discharged patients viewing successfully starts. List of discharged patients and their details from “DISCHARGED_PATINENTS.txt” file are printed in the terminal.	  	PASS

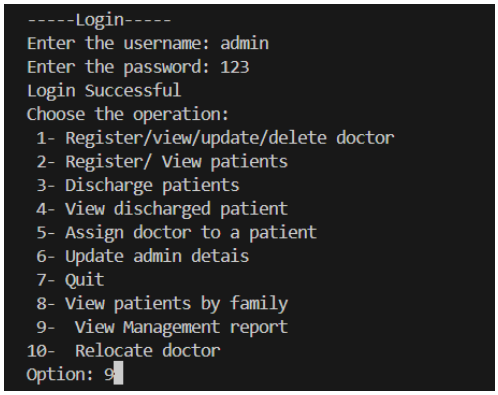
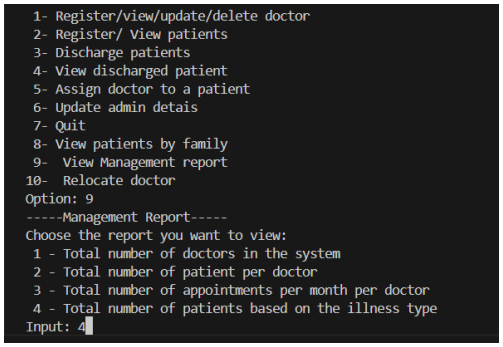
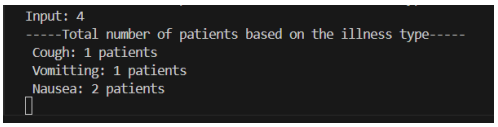
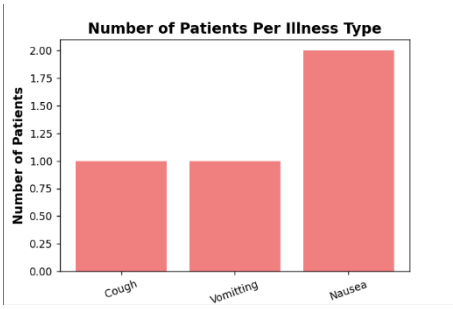
Test case-7

Test Case	Software feature	Steps	Expected	Actual	Passed/Failed
TC7	View patients in the system grouped by family name.	1. Enter: 8	The system groups the patients based on their surnames. Patients with same surnames are grouped under their surname.	 	PASS

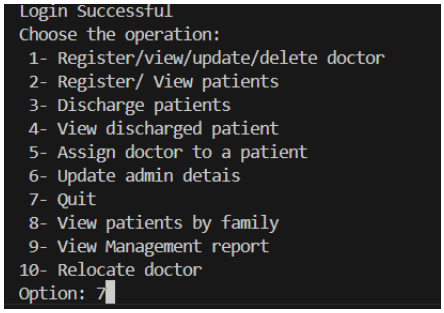
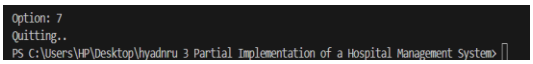
Test case-8

Test Case	Software feature	Steps	Expected	Actual	Passed/Failed
TC8	Assign a doctor to a patient.	1. Enter: 5 2. Enter: 2 3. Enter: 1	Assigning doctor to patient system successfully starts. A list of patients prints and asks user ID of patient whom the doctor is to be assigned to. Symptom of that particular patient is shown and system requests user to select doctor which fits the symptom. List of doctors prints and asks user to select the doctor to assign . Doctor successfully assigned to patient.	    	PASS

Test case-9

Test Case	Software feature	Steps	Expected	Actual	Passed/Failed
TC9	View total number of patients based on the illness type.	1. Enter: 9 2. Enter: 4	Hospital report system successfully starts. The user is prompted to view various patient-doctor reports and requests a report on patients based on their illness. The registered patient's symptoms are displayed on the left, while the corresponding number of patients with each symptom is shown on the right. A bar-graph appears showing statistics of patients based on illness type.	   	PASS

Test case-10

Test Case	Software feature	Steps	Expected	Actual	Passed/Failed
TC10	Quit the programme.	1. Enter:7	Quits hospital management system.	 	PASS