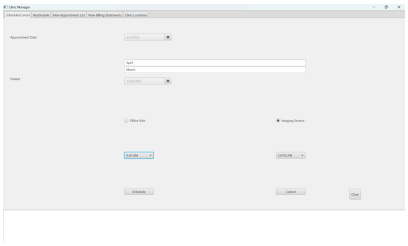
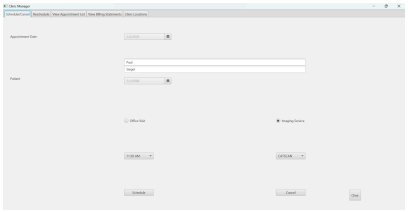
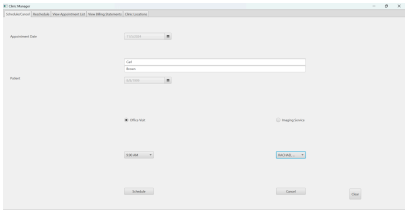
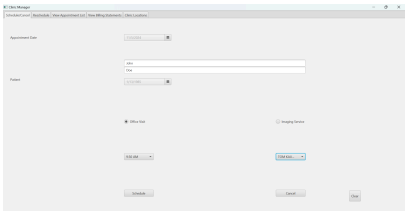
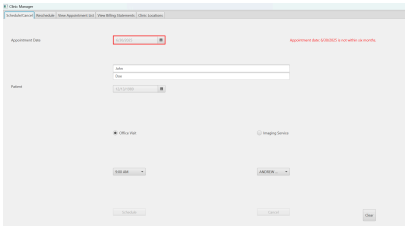
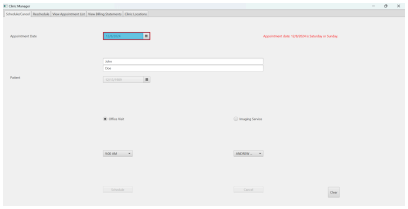
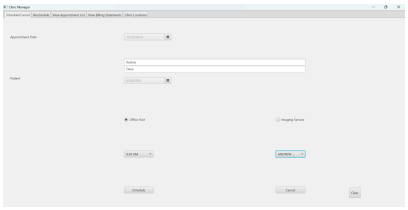
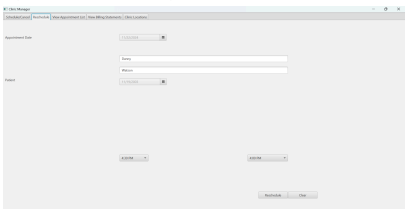
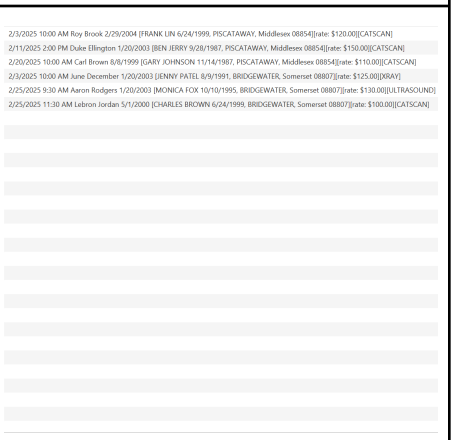
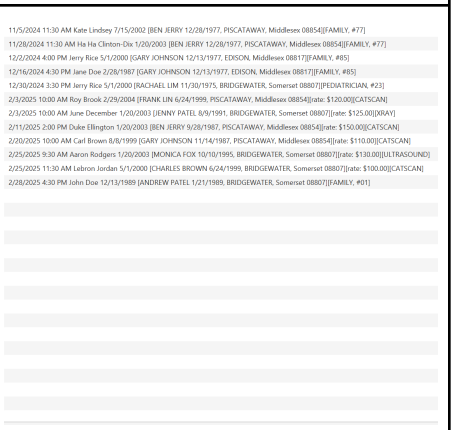
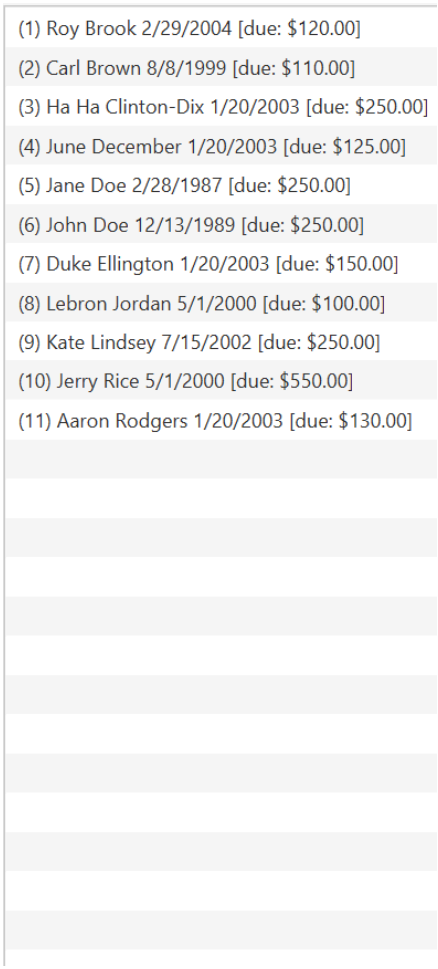
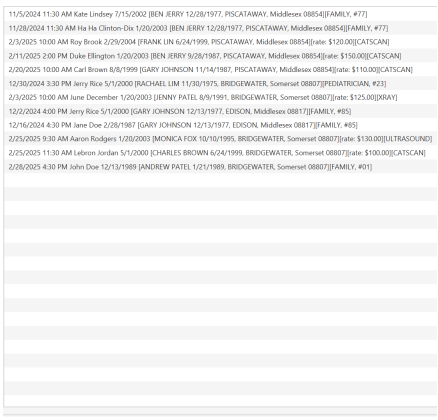
GUI name:	Clinic Manager		
Test Case #	Requirement	Test description and Input Data	Expected result/output
1	Book multiple appointments successfully.	T,2/3/2025,2,April,March,1/20/2003,catscan  T,2/3/2025,6,Paul,Siegel,5/1/2000,catscan  D,11/5/2024,1,Carl,Brown,8/8/1999,23  D,11/5/2024,2,John,Doe,1/13/1985,54 	2/3/2025 9:30 AM April March 1/20/2003 [JENNY PATEL 8/9/1991, BRIDGEWATER, Somerset 08807][rate: $125.00][CATSCAN] booked. 2/3/2025 11:30 AM Paul Siegel 5/1/2000 [MONICA FOX 10/10/1995, BRIDGEWATER, Somerset 08807][rate: $130.00][CATSCAN] booked. 11/5/2024 9:00 AM Carl Brown 8/8/1999 [RACHAEL LIM 11/30/1975, BRIDGEWATER, Somerset 08807][PEDIATRICIAN, #23] booked. 11/5/2024 9:30 AM John Doe 1/13/1985 [TOM KAUR 11/5/1972, PRINCETON, Mercer 08542][ALLERGIST, #54] booked.

2	Appointment date must be within six months.	D,6/30/2025,1,John,Doe,12/13/1989,01 	Appointment date: 6/30/2025 is not within six months.
3	No weekend appointments allowed.	D,12/8/2024,1,John,Doe,12/13/1989,01 	Appointment date: 12/8/2024 is Saturday or Sunday.
4	Attempt to cancel an invalid existing appointment by patient name. Cancel should be denied.	C,12/30/2024,2,Keshav,Dave,08/28/2004,01 	12/30/2024 9:30 AM Keshav Dave 8/28/2004- appointment does not exist.
5	Attempt to reschedule an appointment that does not exist. Reschedule should be denied	R,11/22/2024,12,Danny,Watson,11/19/2003,11 	11/22/2024 4:30 PM Danny Watson 11/19/2003- appointment does not exist.
6	Appointment conflicts for multiple patients trying to schedule the same time slot and date. Schedule should be denied.	D,2/28/2025,12,John,Doe,12/13/1989,01 D,2/28/2025,12,Travis,Kelce,12/13/1989,01	[ANDREW PATEL 1/21/1989, BRIDGEWATER, Somerset 08807][FAMILY, #01] is not available at 4:30 PM

7	GUI command to display all appointments sorted by the county name, then date and time. (PO).	D,2/28/2025,12,John,Doe,12/13/1989,01 D,12/30/2024,10,Jerry,Rice,5/1/2000,23 D,12/2/2024,11,Jerry,Rice,5/1/2000,85 D,12/16/2024,12,Jane,Doe,2/28/1987,85 D,11/28/2024,6,Ha Ha,Clinton Dix,1/20/2003,77 D,11/5/2024,6,Kate,Lindsey,7/15/2002,77 PO	
8	GUI command to display imaging appointments sorted by the county name, then date and time. (PI).	T,2/3/2025,3,June,December,1/20/2003,xray T,2/3/2025,3,Roy,Brook,2/29/2004,catscan T,2/20/2025,3,Carl,Brown,8/8/1999,catscan T,2/11/2025,7,Duke,Ellington,1/20/2003,catscan T,2/25/2025,2,Aaron,Rodgers,1/20/2003,ultrasound T,2/25/2025,6,Lebron,Jordan,5/1/2000,catscan PI	
9	GUI command to display all appointments sorted by appointment date, time, then provider's name (PA).	D,2/28/2025,12,John,Doe,12/13/1989,01 D,12/30/2024,10,Jerry,Rice,5/1/2000,23 D,12/2/2024,11,Jerry,Rice,5/1/2000,85 D,12/16/2024,12,Jane,Doe,2/28/1987,85 D,11/28/2024,6,Ha Ha,Clinton Dix,1/20/2003,77 D,11/5/2024,6,Kate,Lindsey,7/15/2002,77 T,2/3/2025,3,June,December,1/20/2003,xray T,2/3/2025,3,Roy,Brook,2/29/2004,catscan T,2/20/2025,3,Carl,Brown,8/8/1999,catscan T,2/11/2025,7,Duke,Ellington,1/20/2003,catscan T,2/25/2025,2,Aaron,Rodgers,1/20/2003,ultrasound	

		T,2/25/2025,6,Lebron,Jordan,5/1/2000,catscan PA	
10	GUI command to display all appointments sorted by billing statements.	D,2/28/2025,12,John,Doe,12/13/1989,01 D,12/30/2024,10,Jerry,Rice,5/1/2000,23 D,12/2/2024,11,Jerry,Rice,5/1/2000,85 D,12/16/2024,12,Jane,Doe,2/28/1987,85 D,11/28/2024,6,Ha Ha,Clinton Dix,1/20/2003,77 D,11/5/2024,6,Kate,Lindsey,7/15/2002,77 T,2/3/2025,3,June,December,1/20/2003,xray T,2/3/2025,3,Roy,Brook,2/29/2004,catscan T,2/20/2025,3,Carl,Brown,8/8/1999,catscan T,2/11/2025,7,Duke,Ellington,1/20/2003,catscan T,2/25/2025,2,Aaron,Rodgers,1/20/2003,ultrasound T,2/25/2025,6,Lebron,Jordan,5/1/2000,catscan PS	
11	GUI command to display all appointments sorted by patient name.	D,2/28/2025,12,John,Doe,12/13/1989,01 D,12/30/2024,10,Jerry,Rice,5/1/2000,23 D,12/2/2024,11,Jerry,Rice,5/1/2000,85 D,12/16/2024,12,Jane,Doe,2/28/1987,85 D,11/28/2024,6,Ha Ha,Clinton Dix,1/20/2003,77 D,11/5/2024,6,Kate,Lindsey,7/15/2002,77 T,2/3/2025,3,June,December,1/20/2003,xray T,2/3/2025,3,Roy,Brook,2/29/2004,catscan	

		T,2/20/2025,3,Carl,Brown,8/8/1999,catscan T,2/11/2025,7,Duke,Ellington,1/20/2003,catscan T,2/25/2025,2,Aaron,Rodgers,1/20/2003,ultrasound T,2/25/2025,6,Lebron,Jordan,5/1/2000,catscan PP	
12	GUI command to display all credit amounts sorted by provider profile.	D,2/28/2025,12,John,Doe,12/13/1989,01 D,12/30/2024,10,Jerry,Rice,5/1/2000,23 D,12/2/2024,11,Jerry,Rice,5/1/2000,85 D,12/16/2024,12,Jane,Doe,2/28/1987,85 D,11/28/2024,6,Ha Ha,Clinton Dix,1/20/2003,77 D,11/5/2024,6,Kate,Lindsey,7/15/2002,77 T,2/3/2025,3,June,December,1/20/2003,xray T,2/3/2025,3,Roy,Brook,2/29/2004,catscan T,2/20/2025,3,Carl,Brown,8/8/1999,catscan T,2/11/2025,7,Duke,Ellington,1/20/2003,catscan T,2/25/2025,2,Aaron,Rodgers,1/20/2003,ultrasound T,2/25/2025,6,Lebron,Jordan,5/1/2000,catscan PC	(1) CHARLES BROWN 6/24/1999 [credit amount: $100.00] (2) JUSTIN CERAVOLO 9/22/1980 [credit amount: $0.00] (3) MONICA FOX 10/10/1995 [credit amount: $130.00] (4) JOHN HARPER 3/1/1981 [credit amount: $0.00] (5) BEN JERRY 12/28/1977 [credit amount: $500.00] (6) BEN JERRY 9/28/1987 [credit amount: $150.00] (7) GARY JOHNSON 12/13/1977 [credit amount: $500.00] (8) GARY JOHNSON 11/14/1987 [credit amount: $110.00] (9) TOM KAUR 11/5/1972 [credit amount: $0.00] (10) RACHAEL LIM 11/30/1975 [credit amount: $300.00] (11) FRANK LIN 6/24/1999 [credit amount: $120.00] (12) ANDREW PATEL 1/21/1989 [credit amount: $250.00] (13) JENNY PATEL 8/9/1991 [credit amount: $125.00] (14) BEN RAMESH 4/8/1981 [credit amount: $0.00] (15) ERIC TAYLOR 5/29/1969 [credit amount: $0.00] (16) MONICA ZIMNES 3/11/1981 [credit amount: $0.00]
13	Validate appointment rescheduling (date and timeslot).	D,1/15/2025,9,Kamala,Trump,12/13/1989,91 R,1/15/2025,9,Kamala,Trump,12/13/1989,7	Rescheduled to 1/15/2025 2:00 PM Kamala Trump 12/13/1989 [ERIC TAYLOR 5/29/1969, PISCATAWAY, Middlesex 08854][PEDIATRICIAN, #91]
14	Enter data into all fields for scheduling an appointment (ex date, provider, timeslot, patient name). Press the "Clear" button.	All fields filled out before pressing clear button	All input fields should be reset to their default states, and the data entered previously should be cleared from all fields.

15	Appointment conflict for the same patient trying to schedule an appointment at the same time slot and date as their own already existing appointment. Schedule should be denied.	D,11/28/2024,6,Ha Ha,Clinton Dix,1/20/2003,77 D,11/28/2024,6,Ha Ha,Clinton Dix,1/20/2003,85	Ha Ha Clinton-Dix 1/20/2003 has an existing appointment at the same time slot.