

Class name: Clinic Manager Controller
Method signature: handleScheduleAppointment

Test Case #	Requirement	Test Description and Input Data	Expected result/output
1	The method should confirm a date as valid if it is within the correct range for month, day, and year	-Select the date: "12/25/2024"	The method should indicate the date is valid.
2	The method should identify dates that are before today for appointment	- Select the date: "12/25/2023"	The method should indicate the date is invalid.
3	The method should identify dates that are not within six months.	- Select the date: "12/25/2025"	The method should indicate the date is invalid.
4	The method should identify dates that are on a weekend	- Select the date: "11/23//2024"	The method should indicate the date is invalid.
5	The method should identify when the appointment date is not selected.	- Leave appointment date empty	The method should indicate to select an appointment date.
6	The method should identify when no providers are available for imaging appointments.	- Create imaging appointment for imaging when no providers available	The method should indicate there are no technicals available
7	The method should identify when providers are available for imaging appointments.	- Create imaging appointment for imaging when providers available	The method should indicate an imaging appointment scheduled.
8	The method should identify when provider is not available at time slot	- Create appointment at timeslot when provider is not available	The method should indicate provider is not available at this time slot.
9	The method should identify when the dob is after today.	- Select the date: "11/23/25"	The method should indicate the date of birth is invalid.
10	The method should identify when the dob is not selected.	- Leave dob date empty	The method should indicate the date of birth is not selected.

Class name: Clinic Manager Controller
Method signature: handleCancelAppointment

Test Case #	Requirement	Test Description and Input Data	Expected result/output
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1	The method should identify when we try to cancel an appointment that does not exist	- Cancel an appointment that does not exist	The method should indicate the appointment does not exist
2	The method should identify when we try to cancel an appointment that does exist	- Cancel existing appointment	The method should indicate the appointment has been canceled.

Class name: Clinic Manager Controller
Method signature: handleRescheduleAppointment

Test Case #	Requirement	Test Description and Input Data	Expected result/output
1	The method should identify when we try to reschedule an appointment that does not exist	- Reschedule an appointment that does not exist	The method should indicate the appointment does not exist
2	The method should identify when we try to reschedule an appointment that does exist	- Reschedule existing appointment	The method should indicate the appointment has been rescheduled.
3	The method should identify when we try to reschedule for a date with an existing appointment.	- Reschedule for a time that the patient already has a appointment for	The method should indicate patient has an existing appointment at that time.