Test Cases to create an appointment and confirm the schedule.

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| Tc No | Test Case Description | Test Step | Expected Result |
| 1 | To create a new patient and verify that the new patient is added to the patient list | 1. Navigate to New Patient page  2. Enter valid first name  3. Enter valid last name  4. Enter valid birth date  5. Click on Save button | 1. New patient record must get created and seen on all patients page  2. User must be directed the patient details page |
| 2 | To create new patient record with existing first name | 1. Navigate to New Patient page  2. Enter existing first name  3. Enter valid last name  4. Enter valid birth date  5. Click on Save button | Patient record must get created |
| 3 | To create new patient record with existing last name | 1. Navigate to New Patient page  2. Enter valid first name  3. Enter existing last name  4. Enter valid birth date  5. Click on Save button | Patient record must get created |
| 4 | To create patient record with existing birth date | 1. Navigate to New Patient page  2. Enter valid first name  3. Enter valid last name  4. Enter existing birth date  5. Click on Save button | Patient record must get created |
|  | To create new patient record with existing first name, last name and birthdate | 1. Navigate to New Patient page  2. Enter existing first name  3. Enter existing last name  4. Enter existing birth date  5. Click on Save button | User friendly validation message must be shown indicating record already exists |
| 5 | To create patient record with future birth date | 1. Navigate to New Patient page  2. Enter valid first name  3. Enter valid last name  4. Enter future birth date  5. Click on Save button | User friendly validation message must be shown indicating invalid birth date |
| 6 | To create patient record with blank first name | 1. Navigate to New Patient page  2. Keep first name field blank  3. Enter valid last name  4. Enter valid birth date  5. Click on Save button | User friendly validation message must be shown indicating first name is mandatory |
| 7 | To create patient record with blank last name | 1. Navigate to New Patient page  2. Enter valid first name  3. Keep last name field blank  4. Enter valid birth date  5. Click on Save button | User friendly validation message must be shown indicating last name is mandatory |
| 8 | To create patient record with blank birth date | 1. Navigate to New Patient page  2. Enter valid first name  3. Enter valid last name  4. Keep birth date blank  5. Click on Save button | User friendly validation message must be shown indicating birth date is mandatory |
| 9 | To verify that no record is created when Cancel button is clicked | 1. Navigate to New Patient page  2. Enter valid first name  3. Enter valid last name  4. Enter valid birth date  5. Click on Cancel button | User must get redirected to patient list  Page |
| 10 | To verify that first name field accepts only alphabets | 1. Navigate to New Patient page  2. Enter numbers for first name  3. Enter valid last name  4. Enter valid birth date  5. Click on Save button | User friendly validation message must be shown indicating first name accepts only alphabets |
| 11 | To verify that last name field accepts only alphabets | 1. Navigate to New Patient page  2. Enter valid first name  3. Enter numbers for last name  4. Enter valid birth date  5. Click on Save button | User friendly validation message must be shown indicating last name accepts only alphabets |
| 12 | To verify that birth date field accepts only numbers | 1. Navigate to New Patient page  2. Enter valid first name  3. Enter valid last name  4. Enter alphabets for birth date  5. Click on Save button | User friendly validation message must be shown indicating birth date accepts only alphabets |
| 13 | To verify user friendly validation message is shown when invalid date format is added | 1. Navigate to New Patient page  2. Enter valid first name  3. Enter valid last name  4. Enter invalid date for birth date. Eg 2018/2/2 or 2018-2-2  5. Click on Save button | User friendly validation message must be shown indicating birth date accepts date in YYYY-MM-DD format |
| 14 | To verify user is redirected to patient details page after adding new patient record | 1. Navigate to New Patient page  2. Enter valid first name  3. Enter valid last name  4. Enter valid birth date  5. Click on Save button | 1. User must be directed the patient details page  2. Details seen should match the details entered |
| 15 | To verify that schedule appointment page is seen when user clicks on Schedule appointment link | 1. Add a new patient record  2. Click on schedule appointment link | User must get redirected to appointment create page |
| 16 | To verify that current date and time are auto-populated | 1. Add a new patient record  2. Click on schedule appointment link  3. Check the date and time shown | Current date and time must get populated |
| 17 | To verify that appointment can be scheduled with valid input | 1. Add a new patient record  2. Click on schedule appointment link  3. Enter valid date and time along with duration  4. Click on Save button | Appointment must get scheduled and seen in the list |
| 18 | To verify that user friendly message is shown when user tries to create appointment with past date | 1. Add a new patient record  2. Click on schedule appointment link  3. Enter a past date  4. Enter time  5. Enter duration  6. Click on Save button | User friendly validation message must be shown indicating date entered must be current or future date |
| 19 | To verify that user friendly message is shown when user tries to create appointment with past time and current date | 1. Add a new patient record  2. Click on schedule appointment link  3. Enter a current date  4. Enter past time  5. Enter duration  6. Click on Save button | User friendly validation message must be shown indicating time entered must be future time |
| 20 | To verify that appointment cannot be scheduled for an already booked time slot | 1. Add a new patient record  2. Click on schedule appointment link  3. Enter a date that has an appointment scheduled  4. Enter past time that has an appointment scheduled  5. Enter duration  6. Click on Save button | User friendly validation message must be shown indicating selected time slot is already booked |
| 21 | To verify that user friendly message is shown when improper date format is entered when scheduling an appointment | 1. Add a new patient record  2. Click on schedule appointment link  3. Enter an improper date format like 2018-2-1  4. Enter past time  5. Enter duration  6. Click on Save button | User friendly validation message must be shown indicating to enter a valid date |
| 22 | To verify that user friendly message is shown when improper time format is entered when scheduling an appointment | 1. Add a new patient record  2. Click on schedule appointment link  3. Enter a valid date  4. Enter improper time time like -- : 05 AM ( to do deleted the hours counter value)  5. Enter duration  6. Click on Save button | User friendly validation message must be shown indicating to enter a valid time |
| 23 | To verify that user friendly message is shown when improper duration is entered when scheduling an appointment | 1. Add a new patient record  2. Click on schedule appointment link  3. Enter a valid date  4. Enter valid time  5. Enter duration as 0  6. Click on Save button | User friendly validation message must be shown indicating to enter a valid duration |
| 24 | To verify that user is directed to the appointment listing page when a new appointment is scheduled. | 1. Add a new patient record  2. Click on schedule appointment link  3. Enter a valid date  4. Enter valid time  5. Enter valid duration  6. Click on Save button | 1. Appointment must get scheduled  2. Appointment must be seen in schedule of the selected date |