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## Test Cases Document:

### Decision Support Intervention Snackbar Notification

#### User Persona

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**Role:** Physician (General Practitioner)

**Experience:** 15 years in clinical practice

**Department:** Outpatient Care / General Practice

**Location:** Hospital San Juan, ICU Unit

**Age:** 42

**Technology Proficiency:** Proficient with EHR systems; prefers intuitive, streamlined interfaces that reduce clicks and enhance workflow efficiency.

*Project Link:*

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## Test Case 1: Snackbar Visibility on EHR Entry

- **Description:** Verify that the snackbar appears when the user enters a patient's EHR if a decision support intervention is available.
- **Preconditions:**
  - The patient has a pending decision support intervention.
  - The user is on the Patient List module.
- **Steps:**
  1. Select a patient from the Patient List.
  2. Click the "EHR" button in the floating menu to enter the patient's EHR.
- **Expected Result:** The snackbar displays at the bottom of the screen with the message, "There is a Decision Support Intervention available for this patient," and remains visible until interacted with.

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## Test Case 2: Snackbar Persistence Until Interaction

- **Description:** Verify that the snackbar remains open in the patient's EHR until the user clicks "View Details" or "Dismiss."
  - **Preconditions:**
    - The snackbar is visible in the patient's EHR.
  - **Steps:**
    1. Wait 5 seconds after the snackbar appears.
    2. Check if the snackbar remains visible without disappearing.
  - **Expected Result:** The snackbar remains visible until the user interacts with it by selecting "View Details" or "Dismiss."
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## Test Case 3: Interaction Logging for "View Details"

- **Description:** Verify that the interaction with the snackbar is logged in Evolution Web when the user clicks "View Details."
  - **Preconditions:**
    - The snackbar is visible in the patient's EHR.
  - **Steps:**
    1. Click the "View Details" button in the snackbar.
    2. Check the system logs or notification log feature in Evolution Web.
  - **Expected Result:** A log entry is created that records the user's interaction with the snackbar for this specific intervention.
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## Test Case 4: Interaction Logging for "Dismiss"

- **Description:** Verify that the interaction with the snackbar is logged when the user clicks "Dismiss" after selecting the "Dismiss DSI Notification for this patient only" checkbox.
- **Preconditions:**
  - The snackbar is visible in the patient's EHR.

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- **Steps:**
    1. Check the "Dismiss DSI Notification for this patient only" checkbox.
    2. Click the "Dismiss" button.
    3. Check the system logs or notification log feature in Evolution Web.
  - **Expected Result:** A log entry is created that records the user's dismissal of the snackbar for this specific patient.
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## Test Case 5: Snackbar Reappears on EHR Re-entry if No Interaction

- **Description:** Verify that the snackbar reappears when the user re-enters the same patient's EHR if they have not yet clicked "View Details" or "Dismiss."
  - **Preconditions:**
    - The user has exited the patient's EHR without interacting with the snackbar.
  - **Steps:**
    1. Exit the patient's EHR.
    2. Re-enter the same patient's EHR.
  - **Expected Result:** The snackbar reappears, indicating the pending decision support intervention, as the user has not yet interacted with it.
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## Test Case 6: Snackbar Closes When Exiting EHR

- **Description:** Verify that the snackbar closes when the user exits the patient's EHR.
  - **Preconditions:**
    - The snackbar is visible in the patient's EHR.
  - **Steps:**
    1. Exit the patient's EHR by navigating back to the Patient List or another module.
  - **Expected Result:** The snackbar closes immediately upon exiting the patient's EHR.
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## Test Case 7: Snackbar Does Not Reappear on Re-entry if “View Details” or “Dismiss” Was Selected

- **Description:** Verify that the snackbar does not reappear when the user re-enters the patient’s EHR if they have already clicked "View Details" or "Dismiss."
  - **Preconditions:**
    - The user has previously clicked "View Details" or "Dismiss" on the snackbar for this patient’s intervention.
  - **Steps:**
    1. Exit the patient’s EHR.
    2. Re-enter the same patient’s EHR.
  - **Expected Result:** The snackbar does not appear, as the user has already interacted with it by selecting "View Details" or "Dismiss."
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## Test Case 8: Snackbar Reappears for Other Patients with Pending Interventions

- **Description:** Verify that dismissing the snackbar for one patient does not affect the appearance of snackbars for other patients with pending interventions.
  - **Preconditions:**
    - The snackbar was dismissed for one patient’s EHR session.
    - Another patient with a pending intervention is available in the Patient List.
  - **Steps:**
    1. Select a different patient’s EHR with a pending intervention.
  - **Expected Result:** The snackbar appears as expected for the new patient, regardless of the previous dismissal.
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## Test Case 9: Checkbox and Dismiss Button Functionality

- **Description:** Verify that the "Dismiss" button only appears after selecting the checkbox labeled "Dismiss DSI Notification for this patient only."
  - **Preconditions:**
    - The snackbar is visible in the patient's EHR.
  - **Steps:**
    1. Observe the snackbar upon entry.
    2. Select the checkbox labeled "Dismiss DSI Notification for this patient only."
  - **Expected Result:** The "Dismiss" button appears only after the checkbox is selected, allowing the user to dismiss the snackbar for this patient only.
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## Test Case 10: Snackbar Positioning and Accessibility

- **Description:** Verify that the snackbar is positioned at the bottom of the screen and is accessible without obstructing critical EHR fields.
  - **Preconditions:**
    - The snackbar is visible in the patient's EHR.
  - **Steps:**
    1. Review the position of the snackbar on different screen resolutions and devices.
    2. Attempt to access key fields (e.g., patient summary, medication history) with the snackbar visible.
  - **Expected Result:** The snackbar is positioned at the bottom, does not obstruct important information, and remains accessible.
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## Test Case 11: Responsive Design on Mobile and Tablet Devices

- **Description:** Verify that the snackbar is responsive and displays correctly on mobile and tablet devices.

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- **Preconditions:**
  - Access Evolution Web on a mobile or tablet device.
- **Steps:**
  1. Enter a patient's EHR with a pending intervention.
  2. Observe the snackbar's layout and responsiveness on the device.
- **Expected Result:** The snackbar appears correctly at the bottom, with text and buttons stacking vertically for readability on smaller screens.

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These test cases ensure that the **Dismiss** option is thoroughly tested alongside the other functionality of the snackbar notification. This set of tests validates that the snackbar behaves as expected across different scenarios, patient contexts, and devices.