Drf vc3.0 RefApp Workflow Cases

Goal of a Workflow-based Approach to E2E tests

Happy-path smoke tests grouped by workflows - tests from a user's perspective.

- A few, not too many, E2E tests that cover happy-path user stories (where things go right).
- Doesn't cover every possible click or every possible path. (Those should be covered by detailed functional tests written for specific features. Functional tests are outside of the scope of this E2E Workflow-based draft.)
- Think about "seams"—transitions between different parts of the application which are governed by different Microfrontends.
- Vision: We want business-level users to easily be able to see a report that reassures them about what functionality is covered, and clearly shows what area is having problems.
- Use BDD Gherkin syntax to write tests https://talk.openmrs.org/t/seeking-feedback-on-proposed-e2e-testing-improvements-with-bdd-like-syntax-and-playwright-test-step/39596
-

- **React Forms**
  - When i go to the home page
  - And click on the patient name to go to the patient chart summary page
  - And i click the clinical forms button on the siderail to see the clinical forms workspace
  - And I click on the Soap note template link to launch the form
  - And I fill in all the questions in the form and click the Save button
  - And I click the save button
  - Then I should see a snack bar saying ‘A new encounter was created’
  - // Confirm filled data
  - When I …
  -
  -

  - And click the visit summaries page for the patient
  - And click the All Encounters tab
  - Then i should see the newly filled out form in the encounters table
  - When i click to expand the newly filled out form in the encounters table
  - Then I should see the new observation values that were captured during the encounter.
  - When i click ‘Edit this encounter’ ,
  - Then i should see the clinical forms workspace with the encounter form and the previous values
  - When i fill in the form with new editable values
  - And click Save button again
  - Then i should see a snack bar saying ‘The patient encounter was updated’
  - And click the visit summaries page for the patient again
  - And click the All Encounters tab again
  - And i click the filled out updated form in the encounters table
  - When i click to expand the newly filled out form in the encounters table
  - Then I should see the updated observation values .
  -

  -

Ticket: [O3-2428]

- When I go to the patient chart page
- And I click on appointment tab
- And I click on the “Add” button
- Then I should see the Schedule appointment workspace
- When I select “Mobile Clinic” location
- And I select “Outpatient Department” service

- And I make appointment as “Scheduled”
- And I set date for tomorrow
- And I set the “Duration”
- And I add a note
- And I click Save button
- Then I should see a success message
- And the created appointment should be displayed in the upcoming appointments table
- And the appointment table should have only one record
- When I click on “Edit” button
- Then I should see the Edit an appointment workspace
- When I change to “Inpatient ward” location
- And I change to “General Medicine” Service
- And I change appointment as “WalkIn”
- And I change the date to Today
- And I set the “Duration” of the appointment
- And I change the note
- And I click Save button
- Then I should see a success message
- And the edited appointment should be displayed in the “today” appointments table
- When I click on “Cancel” button
- And I cancel the appointment
- Then I should see a success message
- And the appointment should be deleted from the appointments table

Visits

Visit summaries

- When I go to the patient chart page
- And I click on visits tab
- Then i should see the visit summaries and all encounters tabs
- When i click on the visit summaries tab
- Then i should see the patient's diagnosis
- Then i should see notes, tests, medications and encounters

- When i click on the notes tab
- Then i should see the notes captured in the visit if it exists
- When i click on the tests tab
- Then i should see a list of all the tests captured during the visit and test results if any
- When i click on the medications tab
- Then i should see a list of medications in different tiles, each medication should contain a name, dosage and indication
- When i click on the encounters tab, i should see a list of all the encounters in a table
- When i click on the expansion of an individual encounter, i should see the name and value of all the obs captured
- And i should see the edit and delete button
- When i click on the edit encounter button
- Then i should see the specific form launched on the patient forms workspace
- When i click on the delete encounter button
- Then i should see a modal with the delete or cancel button
- When i click the delete button
- Then I should see a success message

All encounters

- When I go to the patient chart page
- And I click on visits tab
- Then i should see the visit summaries and all encounters tabs
- When i click on the all encounters tab
- Then i should see a list of all the encounters in a table
- When i click on the expansion of an individual encounter, i should see the name and value of all the obs captured
- And i should see the edit and delete button
- When i click on the edit encounter button
- Then i should see the specific form launched on the patient forms workspace
- When i click on the delete encounter button
- Then i should see a modal with the delete or cancel button
- When i click the delete button
- Then i should see a success message

Vitals and Biometrics

Normal values

- When I go to the patient chart page
- And I click on the vitals and biometrics tab
- And click on the add tab
- Then i should see the vitals and biometrics workspace
- And add a normal temperature value
- And add a normal blood pressure value
- And add a normal heart rate

- And add a normal respiratory rate value
- And add a normal Sp02 value
- And add a normal Notes value
- And add a normal Weight value
- And add a normal Height value
- And add a normal bmi value
- And I click Save button
- Then I should see a success message
- And the newly added values vitals and biometrics values should be displayed in the vitals and biometrics widget in the patient banner
- And the newly added values vitals and biometrics values should be displayed on the vitals and biometrics widgets

Abnormal values

- When I go to the patient chart page
- And I click on the vitals and biometrics tab
- And click on the add tab
- Then i should see the vitals and biometrics workspace
- And add an abnormal temperature value and the input box should turn red
- And add an abnormal blood pressure value and the input box should turn red
- And add an abnormal heart rate and the input box should turn red
- And add an abnormal respiratory rate value and the input box should turn red
- And add an abnormal Sp02 value and the input box should turn red
- And add an abnormal Notes value and the input box should turn red
- And add an abnormal Weight value and the input box should turn red
- And add an abnormal Height value and the input box should turn red
- And add an abnormal bmi value and the input box should turn red
- And I click Save button
- Then I should see a success message
- And the newly added values vitals and biometrics values should be displayed in the vitals and biometrics widget in the patient banner
- And the newly added values vitals and biometrics values should be displayed on the vitals and biometrics widgets

OLD DOC:

Happy Path Tests

- **Search, Registration, and Visit Start**
  - (similar to RA test: https://issues.openmrs.org/browse/RATEST-150)
  - Log in as an admin.
  - Search for a patient
  - There's no match, so click on the registration app.

        - Register the patient.
        - Start Visit: Check in the patient for a visit by starting a visit.
        - Edit Visit: Need to be able to change the visit type
        - Edit Address, Demographics, Identifiers, Relationships

    - **Vitals & Triage**
        - (similar to RA test: https://issues.openmrs.org/browse/RATEST-151)
        - Search for a patient using a name or unique identifier (e.g. John Wilson)
        - Select the patient that matches the search criteria.
        - Update the demographics: Update the address
        - Check in the patient for a visit by **starting a visit**.
        - The user proceeds to record the patient's vitals via the capture vitals app.
        - Abnormal vital signs should show up as red/highlighted.
        - Vitals should display below the patient header in the yellow sub-header after being entered.
        - Submit the form and verify that the results appear in the expected table
    - **Clinical Visit**
        - Login as a user (not admin)
        - **Select a patient from Active visits dashboard widget**
        - **Patient Chart should load**
            - Patient header should be displayed
                - Name, Sex, Date of Birth, Identifiers
                - Should be able to expand header to see more information
        - **Patient Summary:**
            - Page should load, no errors
        - **Navigating with the Left Nav Bar**
            - Navigation should display all page options expected
            - Click through all left nav sections, **no errors**
            - E.g. Conditions: When I click conditions, it should open the conditions widget...
        - **Checking Test Results**
            - Open Test Results page: Test Results overview should load, scrolling should load rest of page
            - Open Timeline
            - Open Trendline (e.g. Viral Load) → Change time range
        - **Form Entry**
            - Open Form Entry page
            - Form Entry widget loads successfully
            - See Recommended, Completed, and All forms
            - **Review prior forms**
                - Open Form to see details

        - **New Form**
            - Open a Form & Complete it
    - **Programs (Enrollment)**
        - See programs pt is enrolled in
        - Successfully enroll in a program
        - Remove/unenroll from a program
    - **Encounters**
        - See past encounters
        - See notes from past encounters / clinical notes
    - **Allergies**
        - Add Allergy
    - **Conditions**
        - Add Condition
    - **Medication**
        - Add Medication
    - **Attachments**
        - Add Attachments (e.g. sample report)
    - **Immunizations**
        - Add Immunization
    - **Appointments**
        - Add Appointment
    - **Search for a new patient**
        - Click a different patient in Active Visits
        - Verify that the new patient's data is displayed in the patient chart
- **User Settings**
    - (as logged-in user)
    - (on a patient's chart)
    - Navigate back to home by clicking Home breadcrumb
    - The user can change the locale to Spanish and the text will change (may require refresh)
    - Location:
        - Display current location
        - Change location: The user can change their login location, and find themselves back on the patient's chart
    - Log out: The user can log out and find themselves back on the login page
- **Admin Access Workflows**
    - System Administration
    - Configure Metadata
    - Data Management
    - reports

ON HOLD; pending further dev work / definition:

- **Appointment Management**
    - Managing patient appointments workflow.
        - Login as a user.
        - Look up a patient through the search patient App.
        - Select the patient that matches the search criteria.
        - Schedule an appointment based on doctors availability and requested service.
- **Reports**
        - Login as a user.
        - Navigate to the reports app.
        - Select report to generate and input the required report parameters.
- **Admin (Creating a user)**
    - Login as a user.
    - Access the system administration app.
    - Access the manage accounts app.
    - Create a user and assign appropriate user rights.