QA Tester Assessment Task

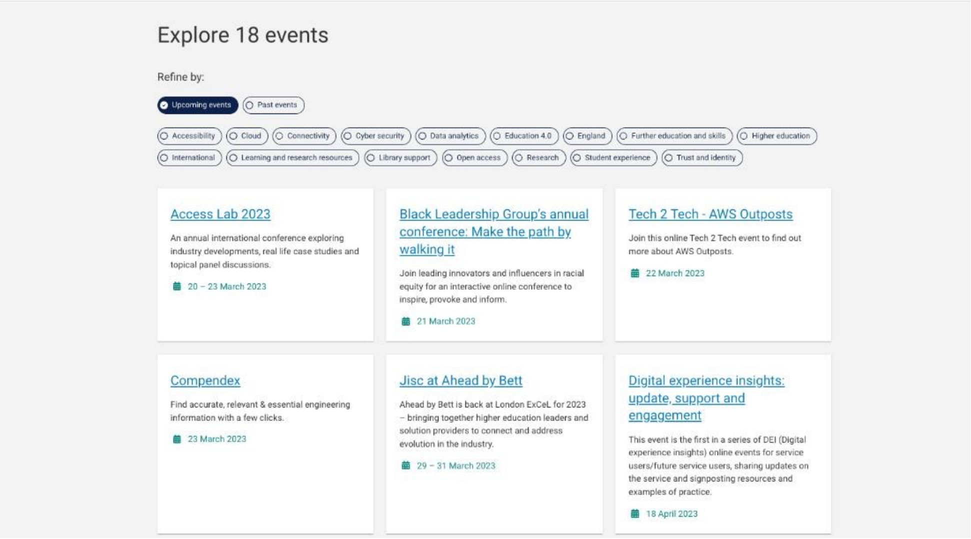
Instructions

In this scenario, we would like you to add the ‘Given When then Scenarios’ and ‘Test criteria’ for a ticket related to the Filtering Events on the Events page.

Please add these in the relevant sections below named ‘Given When Then’ and ‘Test Criteria.’

You will then be asked in interview to talk through what you have added to the ticket and answer any related questions we have.

This ticket only relates to that section of the page, specifically the filters and the results shown.



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18 April 2023

To view the live page please got to: **https://beta.jisc.ac.uk/events**

Ticket: Events page filter.

User Story

As a user, I want to view upcoming events, so I can attend an event.
As a user, I want to view past events, so I can know when an event happened.
As a user, I want to view accordingly to my subject preferences, so I can view only relevant material.

Dev Acceptance Criteria

- Create a backend component to allow a content editor to add an event.
- Create an API endpoint so the data can be filtered on frontend.
- A component for frontend needs to be created to display a single event.
- A user needs to filter on the frontend at two levels, events, and categories.
- The number of events updates when a filter chip has been selected.

- Code on the frontend must work in more than one browser and be responsive.
- When a filter is selected, it only shows the relevant events.
- When a filter is not selected, it shows no events.
- Must meet the definition of done.

Given When Then Scenarios

User Story 1 – As a user, I want to view upcoming events, so I can attend an event.

- Scenario 1 – Viewing upcoming events to attend.
  - Given the user is on the event page home page.
  - When the user selects “Upcoming Events”
  - Then a list of upcoming events should be displayed
  - And the event results should be sorted by date in ascending order.
  - And each event should have the Title of the event, Brief description of the event, Date of event.
  - And the user can click on an event to view further details e.g., Book now, Time of Event, Price, etc.

- Scenario 2 – Viewing upcoming events to attend by category.
  - Given the user is on the event page home page.
  - When the user selects “Upcoming Events”
  - And the user selects a specific category from the filter options.
  - Then only events within that category should be displayed.
  - And the event results should be sorted by date in ascending order.
  - And each event should have the Title of the event, Brief description of the event, Date of event.
  - And the user can click on an event to view further details e.g., Book now, Time of Event, Price, etc.

- Scenario 3 – Viewing upcoming events to attend by multiple categories.
  - Given the user is on the event page home page.
  - When the user selects “Upcoming Events”
  - And the user selects multiple categories from the filter options.
  - Then only events matching all the selected category should be displayed.
  - And the event results should be sorted by date in ascending order.
  - And each event should have the Title of the event, Brief description of the event, Date of event.
  - And the user can click on an event to view further details e.g., Book now, Time of Event, Price, etc.

- Scenario 4 – View upcoming events with incomplete event information.
  - Given the user is on the event page homepage.
  - And there are upcoming events available with incomplete information.
  - When the user selects an event
  - Then the event should be displayed with the available information
  - And any missing or incomplete information should be indicated.

User Story 2 – As a user, I want to view past events, so I can know when an event happened.

- Scenario 1 – Viewing past events on the events page.
  - Given the user is on the event page homepage.
  - And there are past events available.
  - When the user selects “Past Events”
  - Then a list of past events should be displayed
  - And the event results should be sorted by date in descending order.
  - And each event should have the Title of the event, Brief description of the event, Date of event.
  - And the user can click on an event to view further details e.g., Location, Price, etc.

- Scenario 2 – Filter past events by category
    - Given the user is on the event page homepage.
    - And there are past events available.
    - When the user selects "Past Events"
    - And the user selects a specific category from the filter options.
    - Then only past events in that category should be displayed.
    - And the event results should be sorted by date in descending order.
    - And each event should have the Title of the event, Brief description of the event, Date of event.
    - And the user can click on an event to view further details e.g., Location, Price, etc.

- Scenario 4 – View past events when there are no events available by category
    - Given the user is on the event page homepage.
    - When the user selects "Past Events"
    - And the user selects a category from the refine by options
    - And there are no past events available
    - Then no events should be displayed
    - And a message should be shown informing user no past events.

User Story 3 – As a user, I want to view accordingly to my subject preferences, so I can view only relevant material.

- Scenario 1 – Select subject preferences.
    - Given the user is logged into their account.
    - And there are subject preferences available.
    - When the user navigates to the preferences section
    - And selects their preferred subjects.
    - Then the subject preferences should be saved for the user
    - And the user can view only relevant materials.

Testing Acceptance Criteria

1. All tests are executed at least once.
2. All defects raised.
3. All high priority defects fixed.
4. All medium & low priority defects either fixed or deferred.
5. All fixed defects re-tested and confirmed fixed.

User Story 1 – As a user, I want to view upcoming events, so I can attend an event.

Scenario 1 – Viewing upcoming events to attend.

Testing Acceptance Criteria:

1. The user should be able to see a list of upcoming events.
2. The events should be sorted by date in ascending order.
3. Each event should display the title, date, location, and description.
4. The user should be able to click on an event to view more information.

Scenario 2 – Viewing upcoming events to attend by category.

Testing Acceptance Criteria:

1. The user should be able to see a list of upcoming events.
2. The events should be sorted by date in ascending order.
3. Each event should display the title, date, location, and description.
4. The user should be able to click on an event to view more information.

Scenario 3 – Viewing upcoming events to attend by multiple categories.

Testing Acceptance Criteria:

1. Ensure the events page is accessible and presents multiple events.
2. Select multiple criteria from the filter options.
3. Validate the only events matching all the selected criteria are displayed.
4. Confirm that the displayed events match the selected criteria.

- Scenario 4 – View upcoming events with incomplete event information.

Testing Acceptance Criteria:

1. Verify that the user is on upcoming events page.
2. Confirm that there are upcoming events available with incomplete information.
3. Confirm that the event(s) are displayed showing the available information.
4. Ensure that any incomplete or missing information indicated.

User Story 2 – As a user, I want to view past events, so I can know when an event happened.

Scenario 1 – Viewing past events on the events page.

Testing Acceptance Criteria:

1. Verity that the events page is accessible.
2. Confirm that the past events have a designated section.
3. Check that the past events are displayed in a list format.
4. Confirm that the past events are sorted by date in descending order.
5. Ensure that the events details, including the events titles, date location and description are displayed for each past event.

Scenario 2 – Filter past events by category

Testing Acceptance Criteria:

1. Confirm that the events page is accessible.
2. Confirm the availability of past events in the designated section.
3. Selects a specific category from the filter options for past events.
4. Confirm that only past events belonging to the selected category are displayed.
5. Confirm that the displayed events match the selected category.

User Story 3 – As a user, I want to view accordingly to my subject preferences, so I can view only relevant material.

Scenario 1 – Select subject preferences.

Testing Acceptance Criteria:

1. Verify that the user has set subject preferences.
2. Confirm the availability of materials in the assigned section.
3. Access the material section.
4. Ensure that only material relevant to the user's subject preferences are displayed.
5. Confirm that the displayed material matches the selected subject preferences.

Definition of Done

- Meets dev acceptance criteria.
- Has been peer reviewed.
- Passed all relevant testing.
- Signed off by the Project Owner.
- Any technical debt is recorded in the backlog.

Suggestions

Putting the location on the events preview

potentially de-duplicating the steps that are common to all scenarios - so the "Event should have the title of the event..." and "User can click on an event" could be their own tests:

E.g.

Given I am logged in
And I visit the event page
When I don't select a filter
Then all events should be listed
And each event should display the title
And each event should display the description

Given I am logged in
And I visit the event page
When I don't select a filter
And I click on an event
Then the browser should open the details page for that event

Then the ones testing the past/upcoming filters can just test for which events are displayed, rather than also testing for the title, description, what happens when you click, etc

It can be tempting to retest everything in each scenario, but the problem then is that, if something goes wrong - say, clicking on an event fails to open the details - then all your tests are going to fail.

Which means when you're looking through the test report, you can't see straight away what the problem is, because everything has failed.

Whereas if it's split out, and you have a test for the title/descriptions, a test for the clicking, a test for the upcoming filter, and a test for the past filter, all separate, and the clicking goes wrong, just the clicking test will fail, and everyone will immediately be able to identify the problem