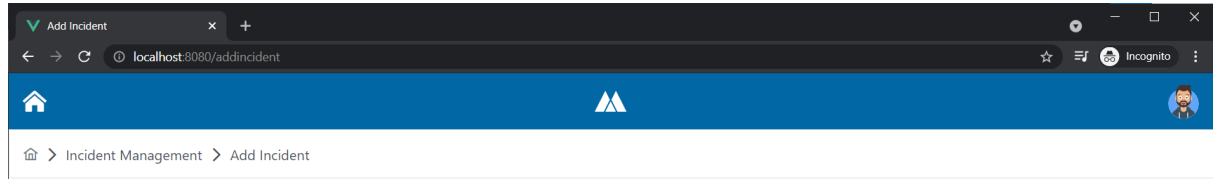


# IsoMetrix Front End Assessment

To complete the IsoMetrix front end assessment you will need to complete the following user stories. All user stories must be completed with accompanying tests. A partial solution will be provided which should be used as a base.

## 1. Breadcrumbs Component



### Description

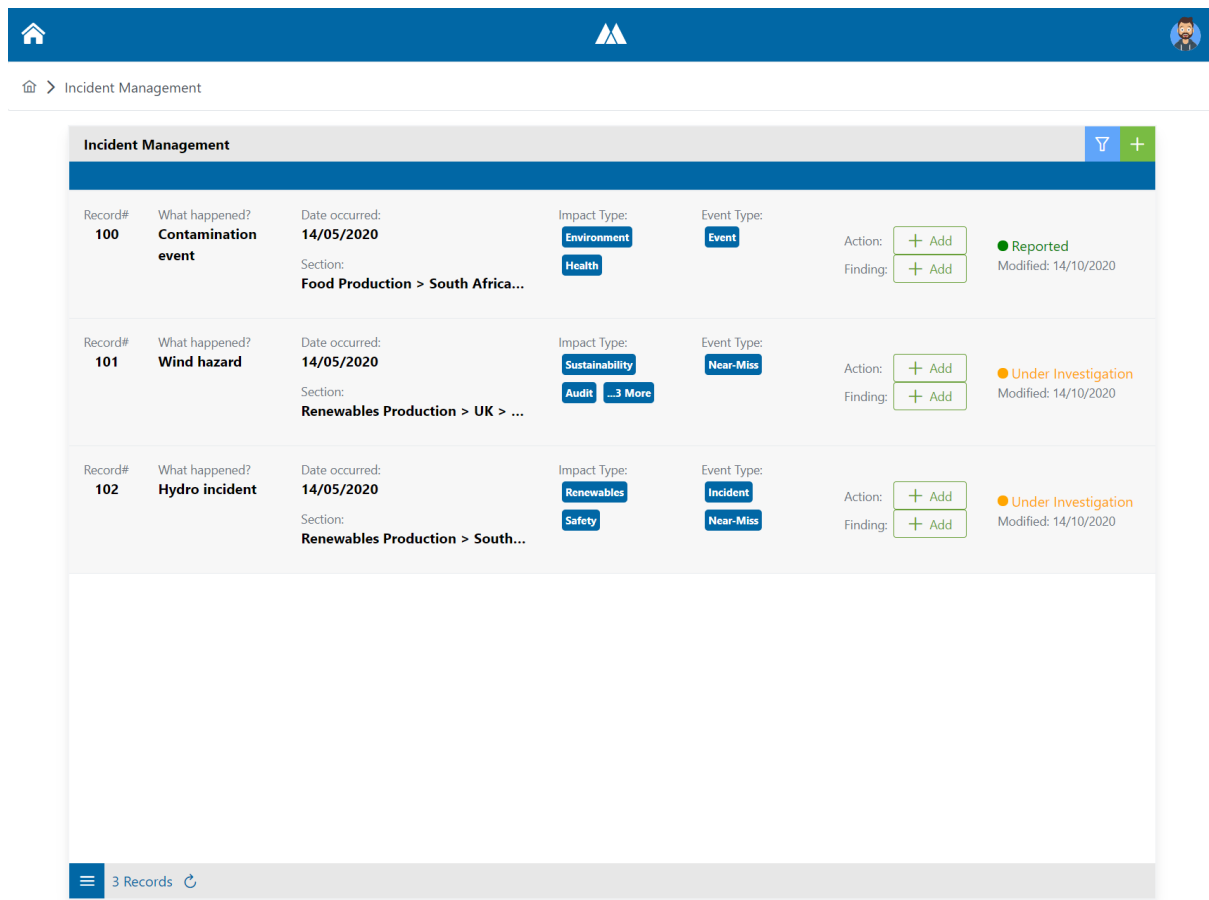
As a User I would like to see a breadcrumb bar which indicates where abouts on the site I am. In addition I would like to see the current location in the page title.

### Acceptance Criteria

- The following items are shown in the PrimeVue Breadcrumb component when the corresponding view is accessed:
  - o Home > Incident Management
  - o Home > Incident Management > Add Incident
- The title is displayed in the page header using VueUse composition utilities

**Estimated time: 20mins**

## 2. View All Records



The screenshot displays a web application for Incident Management. At the top, there is a blue navigation bar with a home icon, a logo, and a user profile icon. Below the navigation bar, a breadcrumb trail shows 'Incident Management'. The main content area features a table titled 'Incident Management' with a filter icon and a plus sign. The table contains three records, each with columns for Record#, What happened?, Date occurred, Impact Type, Event Type, Action, Finding, and a status indicator. Record 100 is a 'Contamination event' on 14/05/2020, categorized as 'Environment' and 'Event', with a status of 'Reported'. Record 101 is a 'Wind hazard' on 14/05/2020, categorized as 'Sustainability' and 'Near-Miss', with a status of 'Under Investigation'. Record 102 is a 'Hydro incident' on 14/05/2020, categorized as 'Renewables' and 'Incident', with a status of 'Under Investigation'. Each record has 'Add' buttons for both Action and Finding. The bottom of the table shows '3 Records' and a refresh icon.

Record#	What happened?	Date occurred:	Impact Type:	Event Type:	Action:	Finding:	Status
100	Contamination event	14/05/2020	Environment Health	Event	+ Add	+ Add	Reported Modified: 14/10/2020
101	Wind hazard	14/05/2020	Sustainability Audit ...3 More	Near-Miss	+ Add	+ Add	Under Investigation Modified: 14/10/2020
102	Hydro incident	14/05/2020	Renewables Safety	Incident Near-Miss	+ Add	+ Add	Under Investigation Modified: 14/10/2020

3 Records

### Description

As a User I would like to view all the incident records from the API in a DataTable

### Acceptance Criteria

- The data must come from the provided .NET server
- API calls must be made via the store
- PrimeVue DataTable to be used
- DataTable to be designed as shown in the image
- Sort (client side) the data by record number
- Action/Finding buttons bring up a simple dismissible modal
- Display feedback to the user whilst the data is loading
- All buttons to have tooltips

**Estimated Time: 90mins**

### 3. Add New Record

The screenshot shows a web application interface with a blue header bar containing a home icon, a logo, and a user profile icon. Below the header is a breadcrumb trail: 'Incident Management > Add Incident'. The main content area features a modal form titled 'Add Incident - 103'. The form has the following fields:

- What Happened?**: A text input field with the placeholder 'What happened?'.
- Date Occured**: A date input field.
- Section**: A dropdown menu with the placeholder 'Select Section'.
- Impact Type**: A dropdown menu with the placeholder 'Select Tags'.
- Event Type**: A dropdown menu with the placeholder 'Select Tags'.
- Status**: A dropdown menu with the placeholder 'Select A Status'.

A blue 'Confirm' button is located at the bottom right of the form.

#### Description

As a User I would like to be able to add a new incident record

#### Acceptance Criteria

- Appropriate PrimeVue controls used
- Confirm button to save the new data to the server and return the user to the data table view
- Close button to return user to the datatable view without saving
- All buttons to have tooltips

**Estimated Time: 45mins**

#### Additional Screens

Record Example with Data

This screenshot shows the same 'Add Incident' form as the previous one, but with sample data entered:

- What Happened?**: 'Conveyor transmission oil spill'
- Date Occured**: '01/06/2021'
- Section**: 'Wind Production'
- Impact Type**: 'Sustainability' and 'Environment' (selected as tags)
- Event Type**: 'Incident' (selected as tag)
- Status**: 'Under Investigation'

The blue 'Confirm' button remains at the bottom right.

## Section Control

**Section**

Wind Production ▼

- > 🍏 Food Production
- ▼ ⚡ Renewables Production
  - > 🇿🇦 South Africa
  - ▼ 🇬🇧 UK
    - + Wind Production
    - + Solar Production
    - + Hydro Production

## Date Control

**Date Occured**

01/06/2021

< June 2021 >

Su	Mo	Tu	We	Th	Fr	Sa
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

## Impact/Event Control

**Impact Type**

Sustainability ⊗ Environment ⊗ ▼

☐ ×

- ☒ Sustainability
- ☒ Environment
- ☐ Internal
- ☐ Safety
- ☐ Health

#### 4. Useful Links

Here are some links to get you started:

[Vue3](#)

[PrimeVue](#)

[Tailwind](#)

[VueUse](#)

[VueTestUtils](#)