

Manual Testing Instructions for EditDataPage

Pre-condition: Launch the application successfully

- **Steps:** Launch the application and navigate to the EditDataPage.
- **Expected Outcome:** User is directed to the EditDataPage, displaying all fields and controls as described in the design.

Page Navigation and Field Testing

1. Data Session Selection

- **Steps:**
 - a. Leave the DataSessionPicker unselected and click "Save."
 - b. Select a valid Data Session from the dropdown menu.
- **Expected Outcomes:**
 - a. For (a), an error message appears: *"Please select a Data Session."*
 - b. For (b), DataTypePicker is populated with relevant Data Types.

2. Data Type Selection

- **Steps:**
 - a. Leave the DataTypePicker unselected and click "Save."
 - b. Select a valid Data Type from the dropdown menu.
- **Expected Outcomes:**
 - a. For (a), an error message appears: *"Please select a Data Type."*
 - b. For (b), DataUnitPicker is populated with relevant Data Units.

3. Data Unit Selection

- **Steps:**
 - a. Leave the DataUnitPicker unselected and click "Save."
 - b. Select a valid Data Unit from the dropdown menu.
- **Expected Outcomes:**

- a. For (a), an error message appears: *"Please select a Data Unit."*
- b. For (b), `DataValuePicker` is populated with relevant Data Values.

4. Data Value Selection

- **Steps:**
 - a. Leave the `DataValuePicker` unselected and click "Save."
 - b. Select a valid Data Value from the dropdown menu.
- **Expected Outcomes:**
 - a. For (a), an error message appears: *"Please select a Data Value."*
 - b. For (b), the Current Value is displayed below, and the slider and entry fields are updated.

5. Slider Value Adjustment

- **Steps:**
 - a. Adjust the slider to a value outside the permissible range and click "Save."
 - b. Adjust the slider to a valid value within the permissible range.
- **Expected Outcomes:**
 - a. For (a), an error message appears: *"Please enter a value between [min-Value] and [maxValue]."*
 - b. For (b), the Current Value label and entry field reflect the updated value.

6. Entry Field Adjustment

- **Steps:**
 - a. Enter an invalid value (e.g., non-numeric or outside the permissible range) and click "Save."
 - b. Enter a valid numeric value within the permissible range.
- **Expected Outcomes:**
 - a. For (a), an error message appears: *"Please enter a valid number."*
 - b. For (b), the slider and Current Value label reflect the updated value.

7. Save Functionality

- **Steps:**
 - a. Leave any field unselected or invalid and click "Save."
 - b. Select valid entries for all fields, adjust the value using the slider or entry field, and click "Save."
- **Expected Outcomes:**
 - a. For (a), an error message appears indicating the missing or invalid field(s).

- b. For (b), a success message appears: *"Data saved successfully."* Changes are reflected in the **ValuesTable**.

8. Boolean Field Validation (if applicable)

- **Steps:**

- a. Enter a non-binary value (e.g., 2 or -1) for a boolean field and click "Save."
- b. Enter 0 or 1 for the boolean field and click "Save."

- **Expected Outcomes:**

- a. For (a), an error message appears: *"Please enter a value of 0 or 1 for boolean inputs."*
- b. For (b), a success message appears, and changes are saved.