Introduction to NDL Digitise Forms Workshop

Building a Child Flu Vaccination Form



NDL | Digitise

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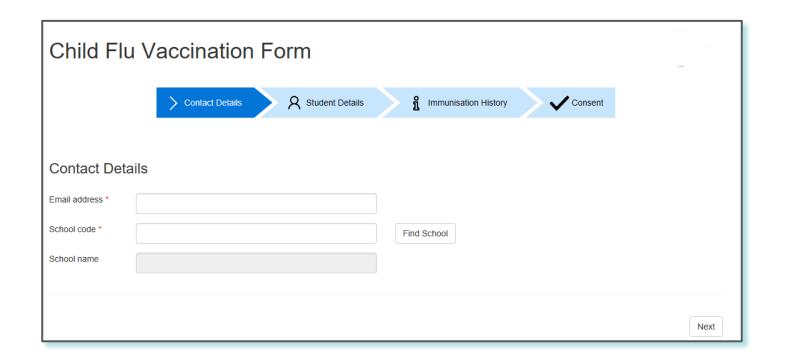
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Exercise 1 – Contact Details Page



Key Steps or Items To Be Added:

- Title and Company Logos.
- Email Address.
- Email Rule.
- School Code.
- Required Rule.
- Creating and applying Styles.
- Navigation Buttons.

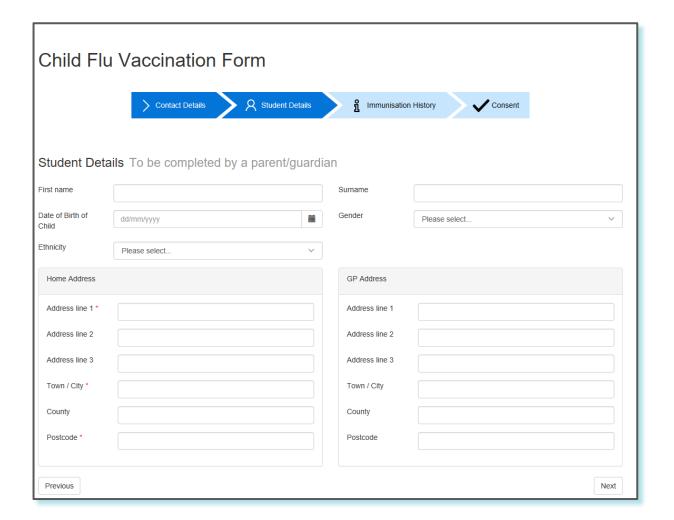


Note: Image files for this exercise are stored under: C:\Training Material\Digitise Forms\Resources.

Exercise 2 – Student Details Page



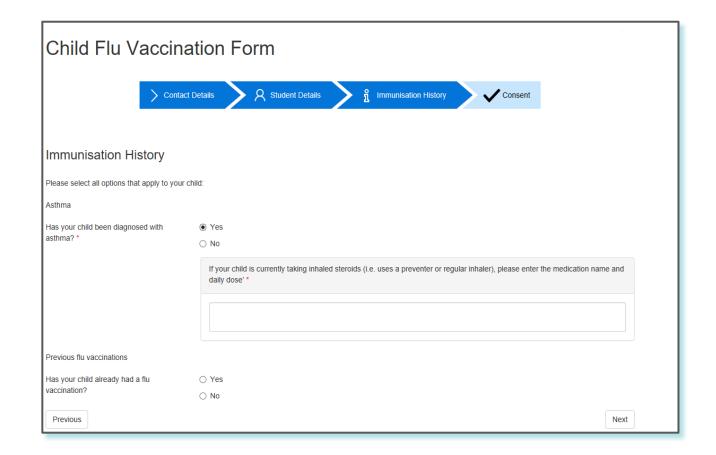
- First Name and Surname.
- Date of Birth.
- Gender.
- Ethnicity.
- Home and GP Address.
- Introduction to Datasources.
- Creating a Datasource.
- Mapping Elements to a Datasource.





Exercise 3 – Immunisation History Page

- Yes/No Radio Lists.
- Additional Details Text Panels.
- Introduction to Page Flow.
- Hidden fields.
- Element Expressions.

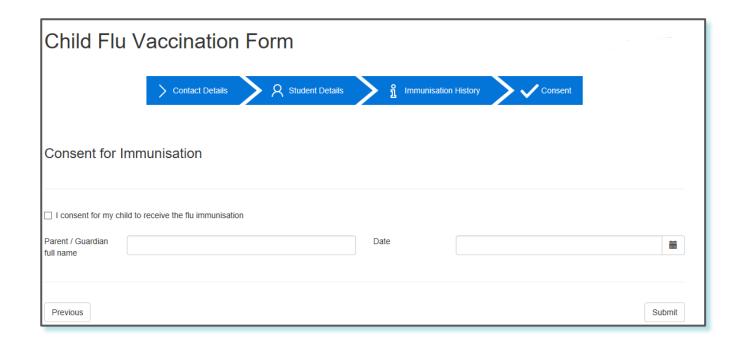




Exercise 4 – Consent for Immunisation Page

Key Steps or Items To Be Added:

- Consent Checkbox.
- Parent/Guardian Name.
- Date of Consent.
- Navigation Bar.



Note: Image files for this exercise are stored under: C:\Training Material\Digitise Forms\Resources.

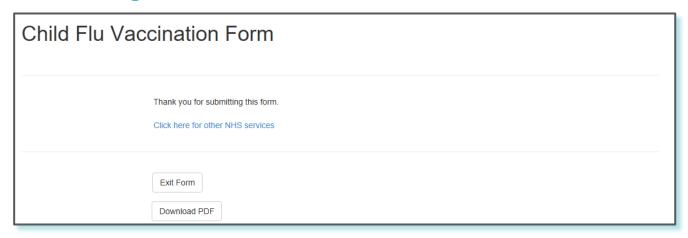


Exercise 5 – Success and Failure Pages

Key Steps or Items To Be Added:

- Success/Thank You message.
- Link to an external site.
- Failure message.
- Support Email link.

Success Page:



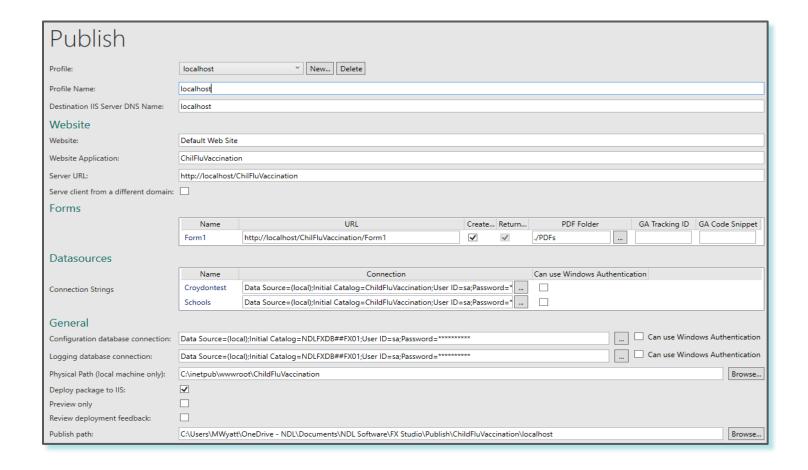
Failure Page:





Exercise 6 – Publishing Your Form

- Create a Publishing Profile.
- Define Connection Strings.
- Publish.
- Test the Form in a browser.





Exercise 7 – Create a School Code Lookup

Key Steps or Items To Be Added:

- School Code Lookup.
- Import an existing table.
- Create a new SQL Query.
- Reference a SQL Query using an in-built Function.
- Download and display data using Events.

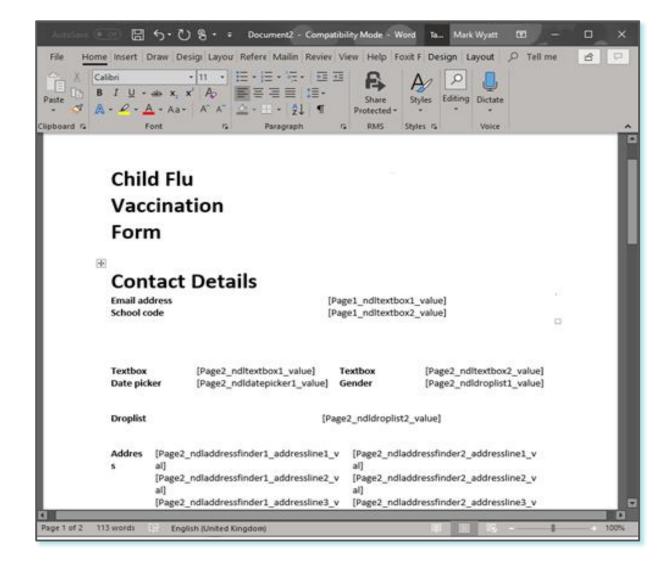


Note: SQL Script for this exercise is stored under: C:\Training Material\Digitise Forms\Resources.



Exercise 8 – Generate a PDF

- Create a PDF version of the Form.
- Modify the Word Template.
- Enable PDF creation when Publishing.
- Define the PDF location.
- Add a Get PDF Button.
- View the PDF in a browser.





Exercise 9 – Working With Styles

- Import the CSS stylesheet provided.
- Observe how the Header and Footer have changed.
- Apply the 'ButtonPrimary' style to your Form Button.
- Update the Image Element in the Header of the Form to use your Company's Logo.



Exercise 10 – Form Datasources

- Replace a Form Element with a more appropriate Element.
- Create a new Datasource for your Form.
- Remove any unnecessary Datasources.
- Remove any unnecessary Data Mappings under your new Element.
- Delete or update database message on Publish.



Exercise 11 – Form Validation

- Add a Regular Expression to your School Code Textbox Element.
- Restrict the Textbox so that it only accepts numeric values within a certain range.
- Research the best Regular Expression to use, then configure a Regular Expression following the example provided.
- Test that your Regular Expression works.



Exercise 12 – SQL Data and Queries

- In SQL Server Management Studio, add additional values to your Ethnicity table.
- Refresh your Form and check whether values appear.
- Did you have to Re-publish?
- Create a new SQL Query in Digitise Forms Studio using the 'ORDER BY' SQL statement.
- Apply the query to the Form.



Exercise 13 – Importing Tables

- Add the relevant Element to your Form that will allow the Parent/Guardian to select what medication the child is on.
- Create the table in SQL Server Management Studio.
- Ensure your table has a Key field and the ID auto-increments.
- Import the table in Digitise Forms by selecting 'Import Datasource'.
- Input-map this Datasource to your new Element.
- Republish your Form.



Exercise 14 – Using JavaScript

- Add a Date Picker and Textbox Element to your Form to display the Current Date.
- Use the internet (if required) to get the correct JavaScript for acquiring the Current Date.
- Using the 'Code Name' of your Form, Page, and Element, put together the correct Expression that sets the value of your Element to the Current Date (e.g., form1.page3.datapicker.value=strdate;).



Exercise 15 – Debugging Errors

- Force a JavaScript syntax error in your Custom JavaScript Function (e.g., use an incorrect Code Name value in your Script).
- In your browser, turn on the Developer Tools and go to the Console Tab.
- In your Digitise Forms Datasource, amend a SQL Query to reference a column that doesn't exit.
- Observe how we can use the Log Table in the Digitise Forms Database to look for exceptions.



Exercise 16 – Familiarisation with Form Manager

- Read through the Form Manager topics contained within the Digitise Forms Online Help.
- Become familiar with what Form Manager does and how it can be used to perform a variety of tasks.
- Understand how properties and options relating to the running of your eForms can be configured from within Form Manager.