

Project: Dynamic Form Builder

Task Complete Note

Duration: 2 Days

■ Project Source Code & Download Instructions

This is my public GitHub repository:

<https://github.com/manjurul0992/DynamicFormBuilderQIA.git>

To download the **Final Task** source code from the **SecondDays** branch, please run the following command:

```
git clone -b SecondDays  
https://github.com/manjurul0992/DynamicFormBuilderQIA.git
```

Alternatively, you can directly browse the repository branch here:

<https://github.com/manjurul0992/DynamicFormBuilderQIA/tree/SecondDays?tab=readme-ov-file>

📦 Full ZIP Package (With Database)

If you prefer, you can download the complete project including the database using the link below:

<https://drive.google.com/file/d/1hI4pVk2uzeZEUVMnoK6qWNgELwItqDI/view?usp=sharing>

1. Add More button to dynamically add multiple dropdown fields.
2. Database Design
3. Form Builder UI.
4. Backend Logic.
5. ADO.NET with store procedure based.
6. Form Validation with jQuery validation.
7. Datatable grid with server side pagination.
8. Grid View with Preview

Bonus Points

1. API Integration: Extra points for using API controllers with proper AJAX calls.
2. View Components: Bonus for dynamically rendering dropdowns using View Components.

Database snippets

<https://github.com/manjurul0992/DynamicFormBuilderQIA/blob/SecondDays/SQLQuery1.sql>

Result snapshot

The top screenshot shows the 'Code snippets' page of the DynamicFormBuilder application. The page has a header with the QISS logo, 'Powered by QIA', and navigation links for 'Home' and 'CodeSnippets'. There are also links for '+ Create Form' and 'Forms List'. The main content area is titled 'Code snippets' and contains a list of seven snippets, each with a dropdown arrow on the right:

- FormController (Service → business logic → Repository Pattern)
- FormApiController (API with Repository Pattern)
- FormService & IFormService
- FormRepository & IFormRepository
- DropDownViewComponent & Default.cshtml
- Dependency Registration
- Database Script with Stored Procedures

The bottom screenshot shows the 'Dynamic Form Builder' interface. It has the same header as the top screenshot. The main content area is titled 'Dynamic Form Builder' and contains a form titled 'Form Title'. The form has a text input field for 'Form Title...'. Below this are two levels of dropdowns:

- Level 1**: A dropdown menu with 'Select Item' and a 'Required Field' checkbox (checked).
- Level 2**: A dropdown menu with 'Select Item' and a 'Required Field' checkbox (unchecked).

At the bottom of the form are three buttons: 'Add More', 'Save', and 'Clear'.

Dynamic Form Builder

Form Title: employeeinformation
Created: 2025-11-14 23:26

Level 1 *

Option 2

[← Back to List](#)

History

[+ Create New Form](#)

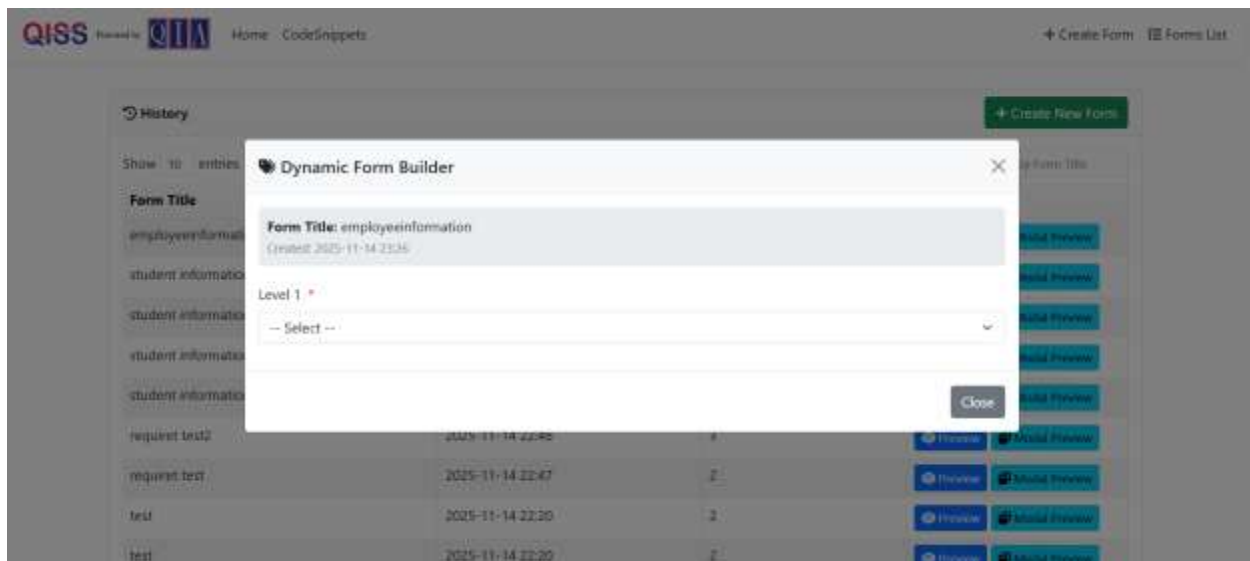
Show 10 entries

Search:

Form Title	Created Date	Fields Count	Action
employeeinformation	2025-11-14 23:26	1	Preview Model Preview
student information	2025-11-14 23:25	2	Preview Model Preview
student information	2025-11-14 23:25	2	Preview Model Preview
student information	2025-11-14 23:14	2	Preview Model Preview
student information	2025-11-14 23:13	3	Preview Model Preview
requiest test2	2025-11-14 22:48	3	Preview Model Preview
requiest test	2025-11-14 22:47	2	Preview Model Preview
test	2025-11-14 22:20	2	Preview Model Preview
test	2025-11-14 22:20	2	Preview Model Preview
tes	2025-11-14 22:19	2	Preview Model Preview

Showing 1 to 10 of 19 entries

Previous [1](#) [2](#) Next



Code snippets

Please see my repository

<https://github.com/manjurul0992/DynamicFormBuilderQIA/tree/SecondDays/DynamicFormBuilderQIA>