# **Template – Progress Bar**

The template named “Template – Progress Bar” is applicable to CampusNexus Student.

## Purpose and Outcome

This template showcases the Progress Bar component in a form sequence and explains the associated workflow setup.

The Progress Bar component is available in Forms Builder 3.5 and later. For more details, see [Progress Bar](https://help.campusmanagement.com/FB/3.x/Content/ProgressBar.htm) in Forms Builder help.

## Prerequisites

The template was built with Forms Builder using the applications listed below. The template is forward compatible with later versions of the listed applications.

|  |  |
| --- | --- |
| **Application** | **Minimum Version** |
| Forms Builder Designer and Renderer | 3.5 |
| Web Client for CampusNexus Student | 19.0 |
| Workflow Composer | 2.6 |
| Packages installed from Package Manager in Workflow Composer | Activities and Contracts (V1) 19.0.0  Activities and Contracts (V2) 19.0.0  Forms Builder Contracts 3.4 |
| Workflow Tracking Database | N/A |
| Staff STS 2.0 | 2.0 |

## Step 1: Download and Import the Template

1. Download the template file to your environment (local drive or network location).
2. Log into **Forms Builder Designer**.
3. Click the **Export/Import** tile.
4. Select the **Import** tab.
5. Click **Select exported file** and navigate to the downloaded template file.
6. Click **Import**.

* [Export/Import](https://help.campusmanagement.com/FB/3.x/Content/ExportImport.htm)

The following forms will be imported:

* KL3.5 Progress Campus Step 1
* KL3.5 Progress Name - Step 2
* KL3.5 Progress Address - Step 3
* KL3.5 Progress Phone - Step 4
* KL3.5 Progress End Form

## Step 2: In Form Designer…

1. From the **Forms** slide out, select the **KL3.5 Progress Campus Step 1** form.
2. Customize the form for your environment. Modify properties on fields/components to make them required, etc., or add/remove fields on form.

Make sure you edit the text in the Labels and HTML controls as applicable for your institution.

Note the following properties on the Progress Bar component:

* “Current Value” is dynamically bound and is updated in the workflow as the user progresses though the sequence. The Current Value is specified as {{vm.models.progress}}. A matching argument is created in the workflow.
* “Maximum Value” is set to “4” indicating the highest value when the progress bar is filled.
* “Type” is set to “value”.
* “Visible” is bound to “vm.models.proVisible”. This is a Boolean argument type that can be set to True or False in the workflow to show/hide the progress bar.

* [Fields](https://help.campusmanagement.com/FB/3.x/Content/Fields.htm) and [Components](https://help.campusmanagement.com/FB/3.x/Content/Components.htm)

1. **Save** the form.
2. Repeat steps 1-3 for the other imported forms.

For demonstration purposes, form “KL3.5 Progress Address - Step 3” shows four additional Progress Bar components with different Maximum Values and Orientations. The Current Value properties are specified as {{vm.models.progress}}, {{vm.models.progress2}}, {{vm.models.progress3}}, and {{vm.models.progress4}} respectively. Matching arguments exist in the workflow. The progress values displayed on the form are set using assignment statements in the workflow.

## Step 3: In Sequence Designer…

1. Locate the **KL3.5 Progress Sequence** in the Sequences pane.
2. Click **Save As** to create a copy of the sequence/workflow and customize the copy for your use. This way you can always refer to the original sequence/workflow you downloaded.
3. Optional - Add a custom style (theme) associated with your campus.

* [Themes](https://help.campusmanagement.com/FB/3.x/Content/Themes.htm)

1. Select your saved sequence in the Sequences pane.
2. In the Properties Pane:
   * Ensure that the **Authentication Product** is **Student**.

* Select the **End State Form** named “KL3.5 Progress End Form”.

1. **Save** the sequence**.**

## Step 4: In Workflow Composer…

1. Open the workflow for your saved sequence.

* [Opening Workflows for Sequences](https://help.campusmanagement.com/FB/3.x/Content/HostedEnv.htm)

1. Explore the arguments, states, and transitions.

Note the assignment statements in the following states:

* “KL3.5 Progress Campus Step 1”

The “progress” argument is set to 0, i.e., the progress bar is empty.

The “progress2”, “progress3”, and “progress4” arguments are initialized with random values for demonstration purposes.

* “KL3.5 Progress Name - Step 2”

The “progress” argument is set to 1, i.e., segment 1of 4 in the progress bar is filled.

* “KL3.5 Progress Address - Step 3”

The “progress” argument is set to 2, i.e., one half of the progress bar is filled.

* “KL3.5 Progress Phone - Step 4”

The “progress” argument is set to 3, i.e., the progress bar is filled completely.

The “Next” transition from “KL3.5 Progress Phone - Step 4” to the End state sets the “progress” argument is set to 4 so that the progress is completely filled on the end state form,

The “Back” transitions have the following assignments:

* Back from step 2 to step 1:

The “progress” argument is set to 0, i.e., the progress bar is reset to empty.

* Back from step 3 to step 2:

The “progress” argument is set to 1, i.e., the progress bar is reset to segment 1of 4.

* Back from step 4 to step 3:

The “progress” argument is set to 2, i.e., the progress bar is reset to one half filled.

## Step 5: In Forms Renderer…

Select your sequence and try it out!

* [Sequence List](https://help.campusmanagement.com/FB/3.x/Content/SequenceList.htm)

1. Find your sequenceand copy the **URL** to the clipboard.
2. Paste the URL into a browser and complete the form sequence.

## Step 6: Lastly…

Once your updated sequence has been tested successfully, it is recommended that you disable the workflow for the original Template version.

1. In Workflow Composer, in the Server section of the ribbon, click **Open**.
2. Find the workflow named **KL3.5 Progress Sequence**.
3. Clear the **Enabled** check box and click **Save**.