Course manager page:
Git Repository Spring boot:
https://github.com/SinhaSoumyadeep/WebDevelopmentSummer2018
Git Repository React UI:
https://github.com/SinhaSoumyadeep/CourseManagementWebsite

Application Features:

WIdget Page:

Add widget button

Clicking the add widget button adds a new widget at the bottom of the widget list. The default widget type is Heading of size 1. The user can change the type of the widget using the select widget type dropdown.

Select widget type dropdown

Each widget has a *widget type dropdown*. The widget's type can be changed at any time by selecting the widget's widget type from the *widget type dropdown*. Changing the widget's type re-renders the widget to match the new widget type with the forms having the values the user might have entered.

Delete widget button

Clicking the delete widget button removes that widget from the widget list and the list re-renders without the removed widget.

Position buttons

Clicking on the position up and position down buttons moves the relative position of that widget up or down and the widget list re-renders to give the user feedback that the widget has successfully re-positioned. The position up button disappears when the widget is at the top of the widget list and the position down button disappears when the widget is at the bottom of the widget list.

Save widget list button

Clicking the save widget list button saves the widget list to the server. The entire list of widgets, with all the configurations, is sent to the server and saved to the database. Refreshing the page before the widget list is saved will loose all the changes.

Preview checkbox button

Clicking the preview button changes the widget list view mode to preview in which case only the preview section of each widget is rendered and all editing elements are hidden

Widget name attribute

All widgets have a common attribute called name. This is an optional attribute that can be useful to refer to the widget from a program, from other widgets, or from anywhere else in the system.

Widget property labels and placeholders

The input fields in the widgets don't show labels. Add labels for a better user experience. Also, we suggest several placeholder text, but feel free to change them to something better.

Widget properties and form elements

Changing any of the widget properties updates the widget preview. All widget properties display their current values in the database when rendered from the server.

Reference:
https://www.w3schools.com/
https://getbootstrap.com/
https://www.youtube.com/user/jannunzi