

React.JS Job list case study

Create a form interface with an input named "Job", a selectbox named "Priority" and a button named "Create".

Job input field validation rules

- Required
- Max 70 char
- Only English Letters

Priority Selectbox validation rules

- Required
- Urgent, Regular, Trivial(These should be in the options).
- A single selection can be made.

When the Create button is clicked, the content of the form that passes the validation creates a record in the table below the form.

The screenshot displays a web application interface for managing a job list. On the left, there is a form with two input fields: "Job:" and "Priority:". The "Job:" field contains the text "Job", and the "Priority:" dropdown menu is set to "Urgent". Below these fields is a "Create" button. To the right of the form is a "JOB LIST" section with a "Search Job" input field. Below the search field is a table with three rows, each representing a job record. The first row is red and labeled "My job name 3" with a priority of "Urgent". The second row is yellow and labeled "My job name 1" with a priority of "Regular". The third row is blue and labeled "My job name 2" with a priority of "Trivial". Each row has "Edit" and "Delete" buttons. On the right side of the image, a modal popup is shown for editing the record "My job name 2". The popup has a title "My job name 2" and a close button (X). Inside the popup, there is a dropdown menu for "Priority" set to "Urgent" and an "Update" button.

Job	Priority	Actions
My job name 3	Urgent	Edit Delete
My job name 1	Regular	Edit Delete
My job name 2	Trivial	Edit Delete

There should be Edit and Delete buttons on the same line for each record.

Clicking the edit button will display a popup for the relevant record.

In a form displayed in the popup, the Priority selection box should appear with the current Priority information selected. When the "Update" button in the popup is clicked, the Priority value will update the related record. (Job value cannot be changed, only Priority value can be changed)

Clicking the Delete button in the table will delete the related record.

There must be a Job search input above the table. Whenever this input content changes, the lines containing the related Job record should be filtered and displayed in the table.

The records in the table should be displayed in descending order according to the order of priority.

The background color for each record in the table should be the color representing the priority of the relevant record.

- Urgent - Red
- Regular - Yellow
- Trivial - Blue

It should be prepared using the React.JS library as a single page web application.