



# Frontend Task

## Curriculum Creation Tool

### Task:

Create a tool for teachers to author a curriculum for a subject. Please watch the tool in action from the PDF/GIF included along with the task.

### Basic functionalities:

- Row actions
  1. Indent & Outdent - see GIF
  2. Delete - will delete the node along with its children
  3. Move action - Move nodes around in the curriculum using Drag-Drop or Up-Down arrow icons as shown in the GIF.
- The text in each row should be editable like a text box

### Bonus functionalities: Extra points for attempting these :)

- Load/ Save - Implement 2 buttons - One that "Saves" the JSON data of the curriculum structure created by the user to a file and other that "Loads" the JSON file to recreate the structure in UI. Much like the save/load functionality in a game.
- Host the working solution

### Please note:

- Moving, deleting should preserve parent-child relations between nodes  
Eg. deleting a node should also delete its children
- You are free to use any presentational framework (React, Vanilla JS)
- No need to implement Backend

### Resources:

- Design  
[https://cloud.toddleapp.com/assets/tasks/CurriculumAuthoringTool\\_design.pdf](https://cloud.toddleapp.com/assets/tasks/CurriculumAuthoringTool_design.pdf)
- Demo  
[https://cloud.toddleapp.com/assets/tasks/CurriculumAuthoringTool\\_demo.gif](https://cloud.toddleapp.com/assets/tasks/CurriculumAuthoringTool_demo.gif)

### Things we are are interested in:

- Completeness of the basic functionalities
- Your choice & use of Data structures for storing information -  
Knowledge of ES6, CSS & React
- Modularity of code
- Attention to details and quality

### How to submit:

Please email your submission to the following address.



**Important:**

We condemn plagiarism. Please maintain the dignity and originality of your work. If we suspect any attempt towards copying, we will disqualify your submissions.

Also, don't put your code on github.