

CosmoCloud Frontend Internship Assignment

We all have created an interface at some point in the editor, today we will be doing it but in a noob way but to do that we need to create a web interface. Watch this [video](#) (it's part of our app).

As you can see we can sort of create an interface, users can add more fields by clicking the “+” icon, delete any field, define a type like `string`, `number` etc.

These are the types you should handle.

1. String
2. Number
3. Boolean
4. Object

If the type is Object, it can have nested rows as well.

Task

1. Create such component
2. It should be able to render this interface if given in some data form.
3. User should be able to edit name of a field
4. User should be able to add more fields
5. User should be able to delete a field
6. Users should be able to add nested fields to object type.
7. There should be a save button which console the updated data.

You can use any 3rd party library and components. You can change the design as well, show us your skills, though we recommend doing this at the end.

You can use [codesandbox](#) or develop this locally and push it to Github.

Guideline

This is a pretty complex component so we will be breaking it down into a few parts and every part will have some score, which will not be known to you. Don't worry it's complex for everyone.

1. Assume a Schema for this, how you will represent this data. Write that down.
2. Write down how you will handle this, what components you will create. (We are also interested in your thought process). Draw a diagram if needed (no extra marks for diagram)
3. Start small. Create a component which can render this data.
4. Add editable input field and update the data
5. Add a way to add more rows and update the data
6. Add a way to delete rows and update the data

Note: Please submit the assignment within 2 days. Let us know if you have any questions.