Submission -

- Github link to lucidtasksubmission@gmail.com
- Send a Hosted Version from Vercel or a similar hosting services

Hello,

You have 5h hours to complete the task, send whatever you manage to complete.

The Task:

Implement the formula input functionality as it is seen in causal.

link to video displaying the UI to implement - [link](#)

You must go to [causal.app](#), and edit a formula to see the entire functionality - DO NOT START THE TASK UNTIL YOU DID.

How to login to causal

- Go to causal
- Signup for a free trial
- Assign a new template
- Open the formula input and play with it to understand it
- Video showing how to do it - [link](#)

Features :

- managing local state in Zustand
- manage API state in React Query - Use this [endpoint](#) for autocomplete suggestions in React query
- Formula Input Features:

- Supporting operands between tags - (+,-,*,(,),^,/.....)
- Support adding natural numbers (1,2,3)
- Supporting writing between tags
- Deleting a TAG with backspace
- Autocomplete suggestions - Support autocomplete also after an operand is written
- **MANDATORY -** Adding attached dropdown to each tag. - Add the dropdown attached to the tag on the right, allowing to interact with the dropdown on each tag.
- Calculating values is a bonus (Assign some dummy variable values and accept the operations).

Important notes

- We are looking for functionality first!, design is a second priority (but also very important).

- You can use whatever libraries and online solutions you find, we encourage you to search for solutions that will help you implement them. (Hint - check how they do it on causal)

- **Hint** - Think about what kind of tools coders are using that look similar to this functionality of a hybrid input with autocomplete

Good Luck