# 07042022 – Folder structure

1. What is/are the difference(s) between a React component and a Javascript function?

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| --- | --- |
| React component | Javascrips function |
| Name starts with a Capitalized letter | Name starts with a lowercase letter |
| Can have many functions inside | Just a function? |
| Accept props as an argument and returns a react element | Not too complicated then don’t need to create a new component |
| Want to reuse and call manytime in the application |  |

1. How to prevent/avoid mistake(s) when passing props between components as much as possible?

* Props = properties -> to send data from one React component to another React component

1. If you want to pass a prop to the child component but you have to pass it through more than 4 other child components, what should you do in this case?

* Then we create context folder to store the reusable function (reusable functions can also be stored in utils)

1. If your app wants to get data from the server, which library you could use in this case?

* Router
* Axios

1. Let’s imagine that you want to create a to-do list app, a very basic one that can:

* Show a list of todos
* Add a todo
* We don’t have a database now, the list of todos is rendered by an array of named todos

Don’t think about editing or deleting functions, having multiple screens or backend just yet, a very basic app for now, only frontend. What is the best folder structure do you have in mind in this case?

Graphical user interface

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