React JS

1. Variable Naming – use camelCase
2. Props name – camelCase
3. Component file name – use PascalCase
4. Non-react component file name – ex. user-action.js
5. Layout Component must be separated with UI/Views Component
6. User ternary operator assign to a variable for a complex rendering (conditional rendering)

**React components**

React components are divided into [**Views and Components**](https://cobuildlab.com/development-blog/react-patterns-container-and-presentational-components/)

* All React components, both [**functional or class based**](https://cobuildlab.com/development-blog/react-patterns-functional-components-vs-class-components/) must be name PascalCase.

Example: LoginView, CompanyMembersView

* Container components are suffixed with the word View and presentational components can optionally be suffixed with the word Component.

Example: MyProfileView, ListItemComponent

**Methods, Functions, and Instances**

* Methods, functions, and instances must be always camelCase.
* Events should always start with on prefix
* Non events should start with a verb

Example: onSubmit, activateUser

**Variables and Constants**

* Variables must always be on camelCase.

Example: user, someCalculation

* Module level Constants must always be Uppercase with underscores for readability.

Example: API\_KEY, INITIAL\_STATUS, PI

* Function level constants adopt the rules of Variables.

**Files**

* React components should live on a File with the same name of the Component with .js extensions

Example: MyProfileView, ListItemComponent

* Any other file must be named lowercase with hyphens for clarity

Example: user-actions.js, user-store.js, company-permissions.js

**Private members**

* Private names of a module adopt the same previous rules of naming. In addition to this, an underscore \_ can be prefixed to explicitly indicate its condition.

Example: \_extractKeys, \_compute

**Events name**

* Event names literals and functions callbacks to events must be named on camelCase prefixed by the word on

Example: onClick, onLoad, onListMembers

<https://cobuildlab.com/development-blog/conventions-to-create-a-react-application/>

<https://github.com/airbnb/javascript/tree/master/react>