

## Notification System

When dealing with web applications, the user expects a response from the app for every action they perform. From a simple 'Saved' to complex error messages, the user should never be left alone.

To simplify the implementation and maintainability of these responses, it is a good idea to set up a global notification system. This system provides an API to trigger notifications and takes care of displaying them.

Your task is to set up a react app and design as well as implement the basis for a notification system in React. Please do not use a ready made notification package like sweetalert or something similar; other useful 3<sup>rd</sup> party packages like linters, css frameworks or icons packs are of course fine. Think about how this can be implemented in a way a developer can easily use it.

Please consider using a private git repo to submit you code and invite people provided in the email you received this task with.

In case you have additional time: Consider expanding the system to also feature Modals not only toasts. Also what other attributes could/should such a notification support (e.g. autohide, callbacks, ...)?

The implementation should have the following features:

- stylized notifications following the layout shown below.
- one (or more) buttons to trigger a notification
- stackability – notifications fired at the same time should not interfere with each other

