

ClaimRuler React Project

I began working on this project about a year into it and the architecture had already been built. About 8 developers were actively working on it give or take. These are some of the things I spotted that I found could be improved in a major way and a calendar component I last worked on. I worked on many other things on this project that I didn't have time to include here.

Handling Modals

Problem:

Modal launching functionality and modal views were hard-coded into their parent view components making it impossible to reuse modals without copying and pasting the code leading to duplicated code everywhere.

Solution:

Create view components out of all modals being used to decouple and place them in their own '/modals' folder. Have the redux global store control the mounting and unmounting of modal views. Insert a <ModalHandler> container component to render any modal view requested to show by any other component.

Code is in folder: **/Handling Modals**
Search for term: **SAMPLE CODE**

API Request Status Middleware

Problem:

When calling REST APIs, the user is never informed of the result status of the request.(*i.e., Saved successfully, Updated successfully, etc*) Views will just navigate away from the current view sometimes after a 'Save' or 'Submit' action no matter what the result.

Solution:

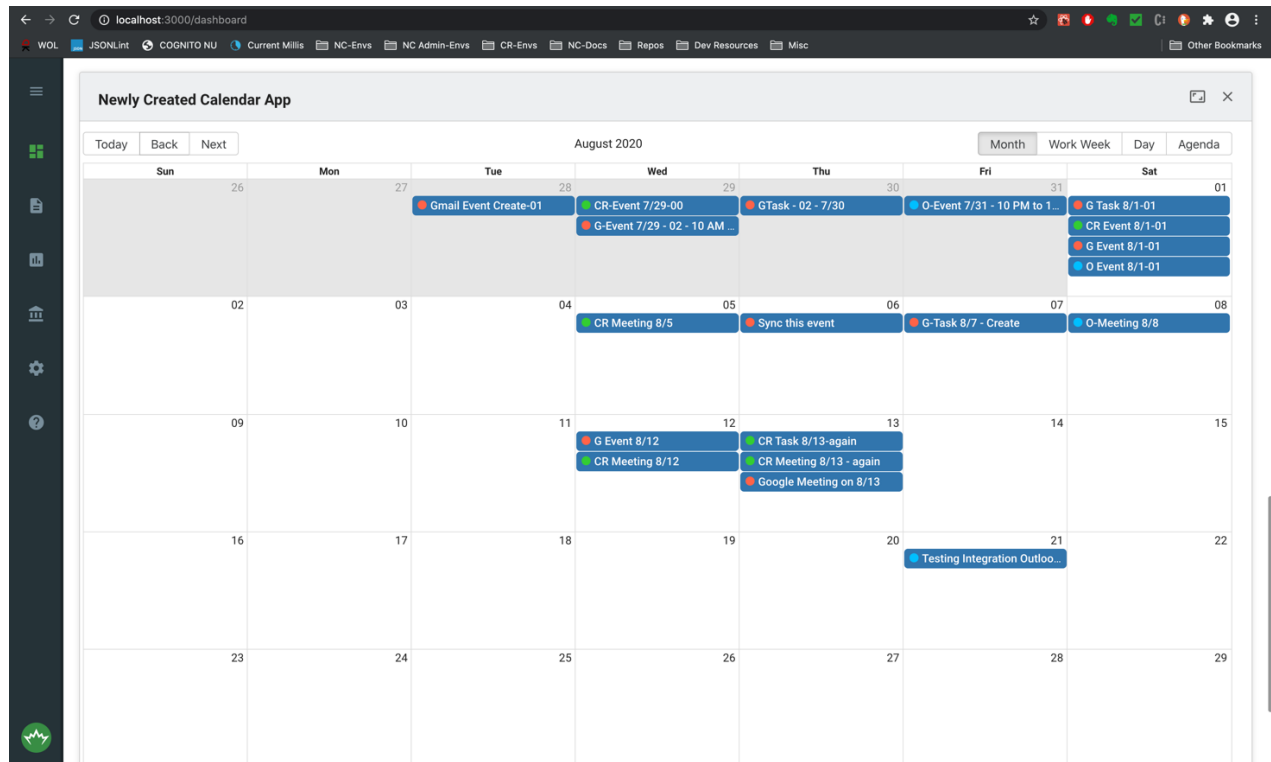
Create and apply a status middleware to redux to inspect and look for actions that initiate API calls: POST_CLAIMS, PUT_CLAIMS, DELETE_CLAIMS. If such actions pass through the status middleware, a toaster pop-up will be mounted with the corresponding result to the action status: "Saved successfully", etc. The rendering of the toaster pop-ups will be handled by a <ActionStatusHandler> container component and a mapped property from the redux store.

Code is in folder: **/Action Status Middleware**
Search for term: **SAMPLE CODE**

Integrations Calendar

Component integrates with an internal ClaimRuler system as well as external Gmail and Outlook accounts to show a user's events and tasks from any or all systems.

Code is in folder: **/Integrations Calendar**



Hope you like what you see. Thanks for taking a look!