ClaimRuler React Project

I began working on this project about a year into it and the architecture had already been built. About 8 developers where 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:

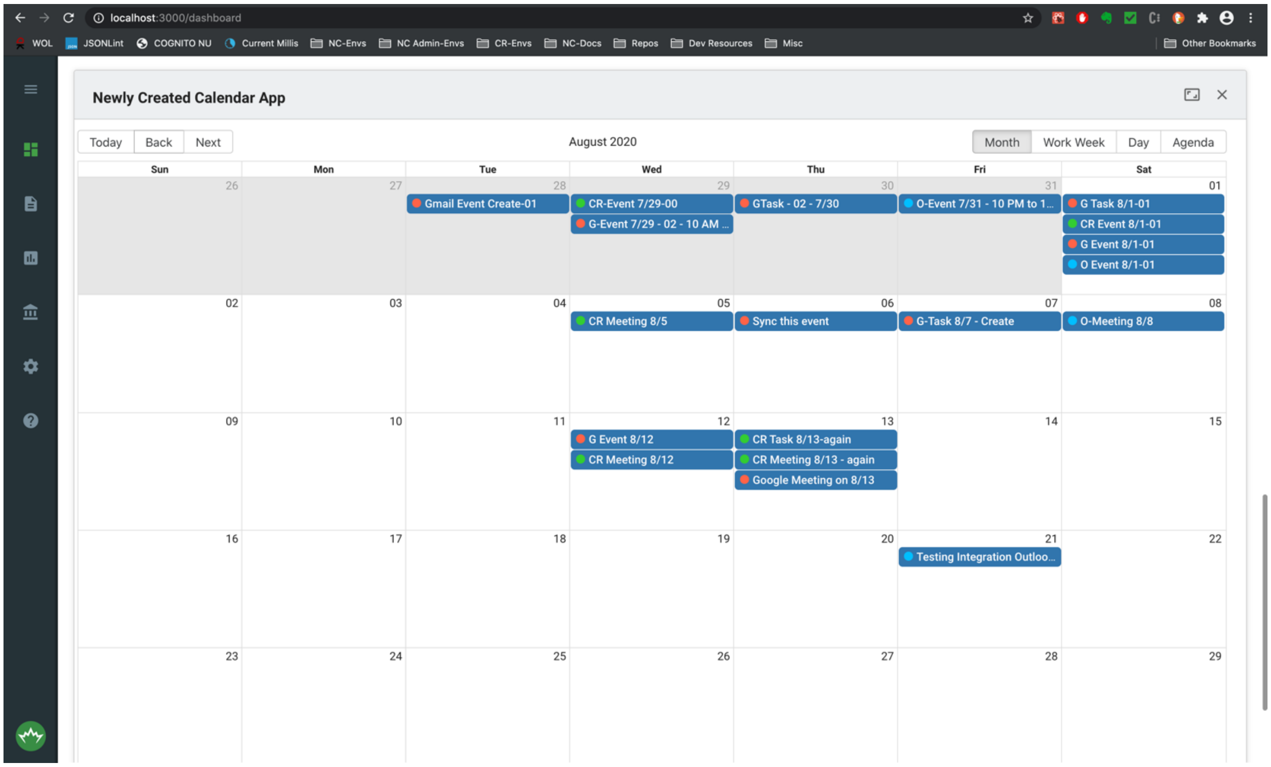
Create and apply a status middleware to redux to inspect and look for actions that initiate API calls: POST_CLAIMS, PUT_CLAIMS, DELETE_CLAIMS. If such actions pass through the status middleware, a toaster pop-up will be mounted with the corresponding result to the action status: "Saved successfully", 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

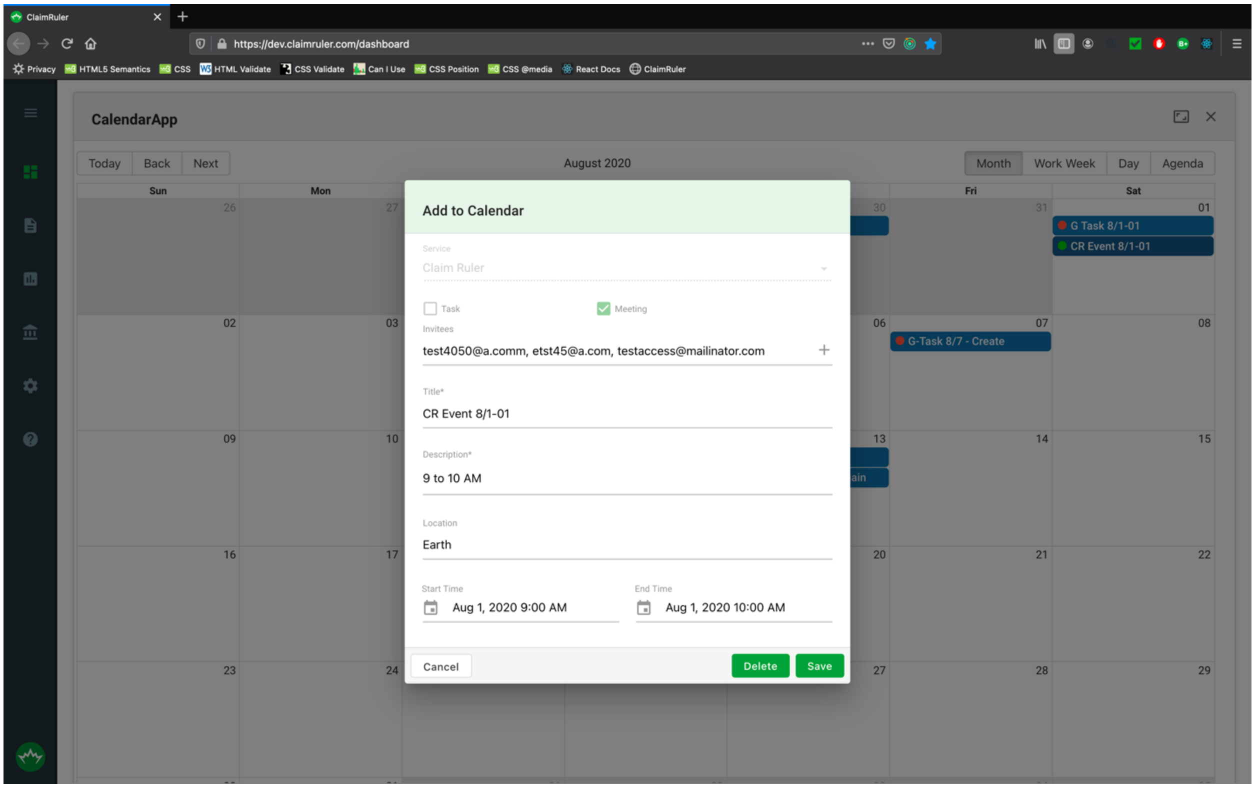
Component integrates with an internal ClaimRuler system as well as external Gmail and Outlook accounts to show a user's events and tasks from any or all systems.

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



August 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28 🔴 Gmail Event Create-01	29 🟢 CR-Event 7/29-00 🔴 G-Event 7/29 - 02 - 10 AM ...	30 🔴 GTask - 02 - 7/30	31 🔵 O-Event 7/31 - 10 PM to 1...	01 🔴 G Task 8/1-01 🟢 CR Event 8/1-01 🔴 G Event 8/1-01 🔵 O Event 8/1-01
02	03	04	05 🟢 CR Meeting 8/5	06 🔴 Sync this event	07 🔴 G-Task 8/7 - Create	08 🔵 O-Meeting 8/8
09	10	11	12 🔴 G Event 8/12 🟢 CR Meeting 8/12	13 🟢 CR Task 8/13-again 🟢 CR Meeting 8/13 - again 🔴 Google Meeting on 8/13	14	15
16	17	18	19	20	21 🔵 Testing Integration Outloo...	22
23	24	25	26	27	28	29



Add to Calendar

Service: Claim Ruler

□ Task ☑ Meeting

Invitees: test4050@a.comm, etst45@a.com, testaccess@mailinator.com

Title*: CR Event 8/1-01

Description*: 9 to 10 AM

Location: Earth

Start Time: Aug 1, 2020 9:00 AM

End Time: Aug 1, 2020 10:00 AM

I hope you like what you see. Thanks for taking a look!