mpviz Manual Test Plan

Written by William Jiang 04/19/2020

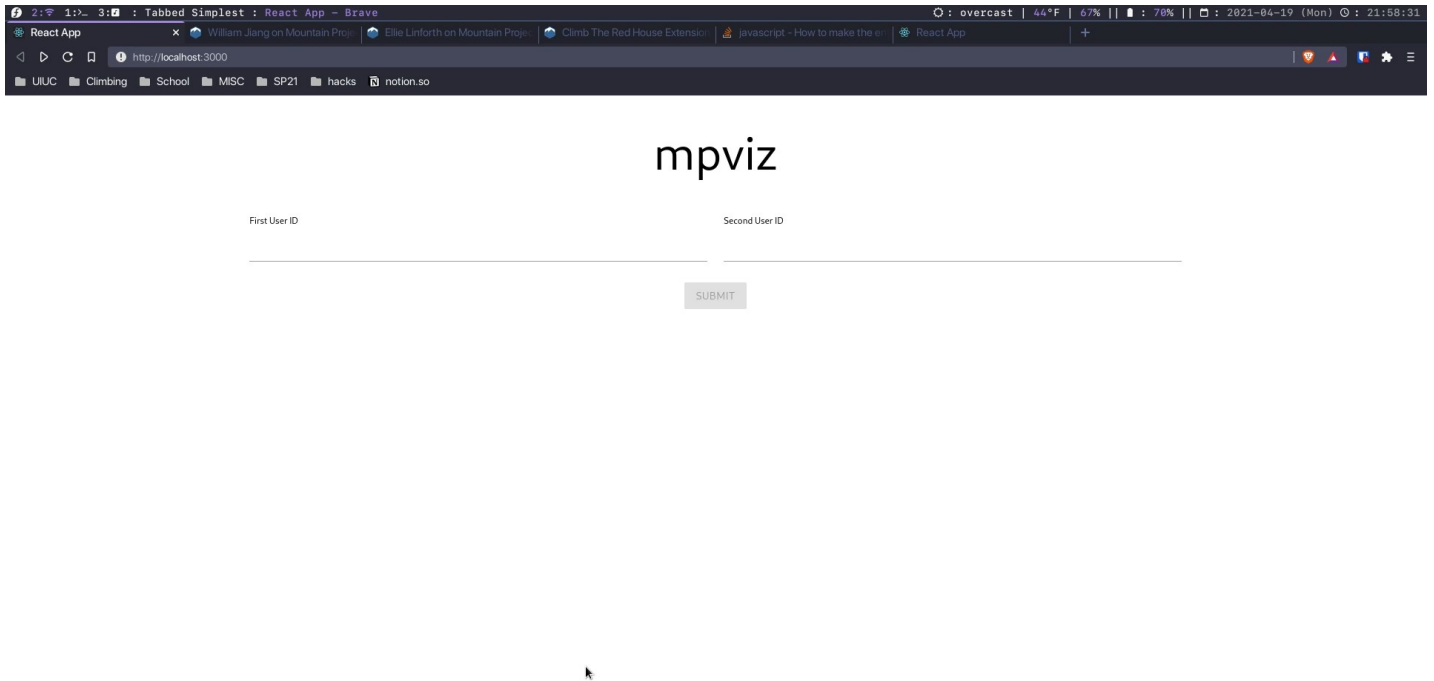On startup, the website will appear as follows:

Figure 0: Blank screen, no input, disabled submit button

Note that the submit button is disabled if there is no input, as a pre-check for faulty input. The submit button will also be disabled in cases of identical input and single inputs:
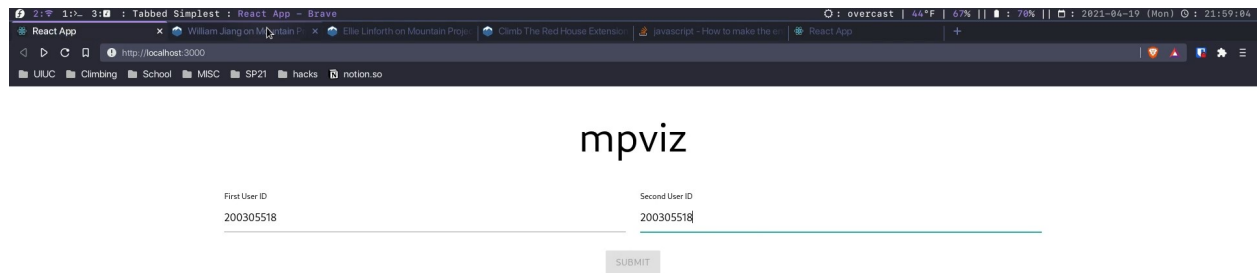
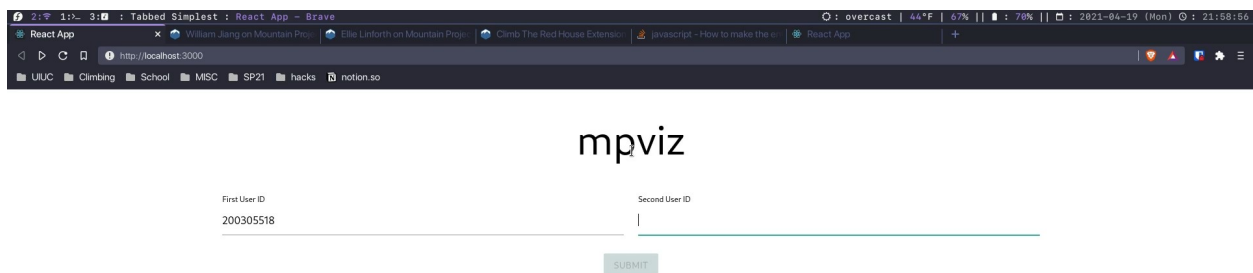Figure 1: submit disabled on identical input

Figure 2: submit disabled on single input

If there has been valid input supplied, then the web page will display an animated loading icon so the user knows that their request is being processed.
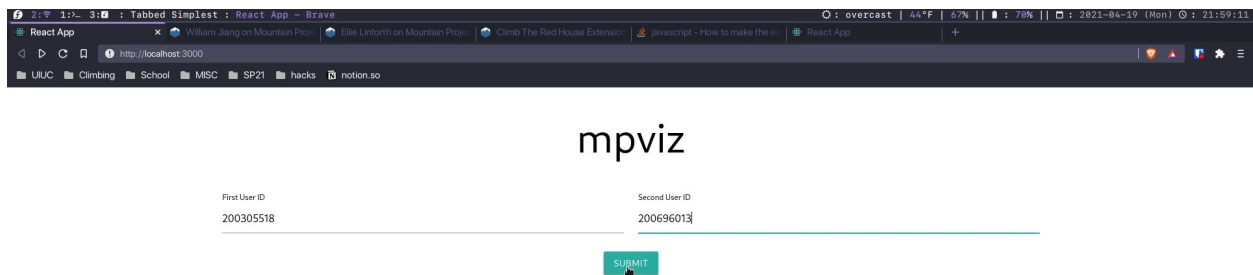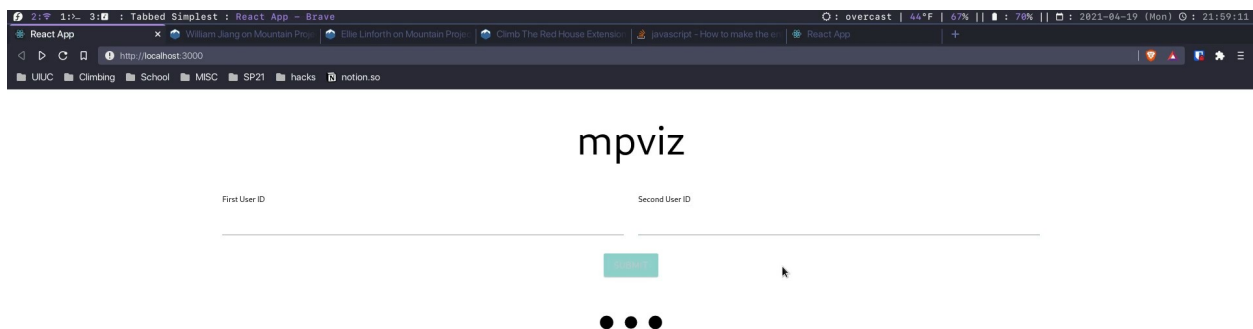
Figure 3: valid input, submit button unlocked

Figure 4: loading icon (animated)

Once their process has loaded, the web page will display all the pertinent information starting from after the submit button:
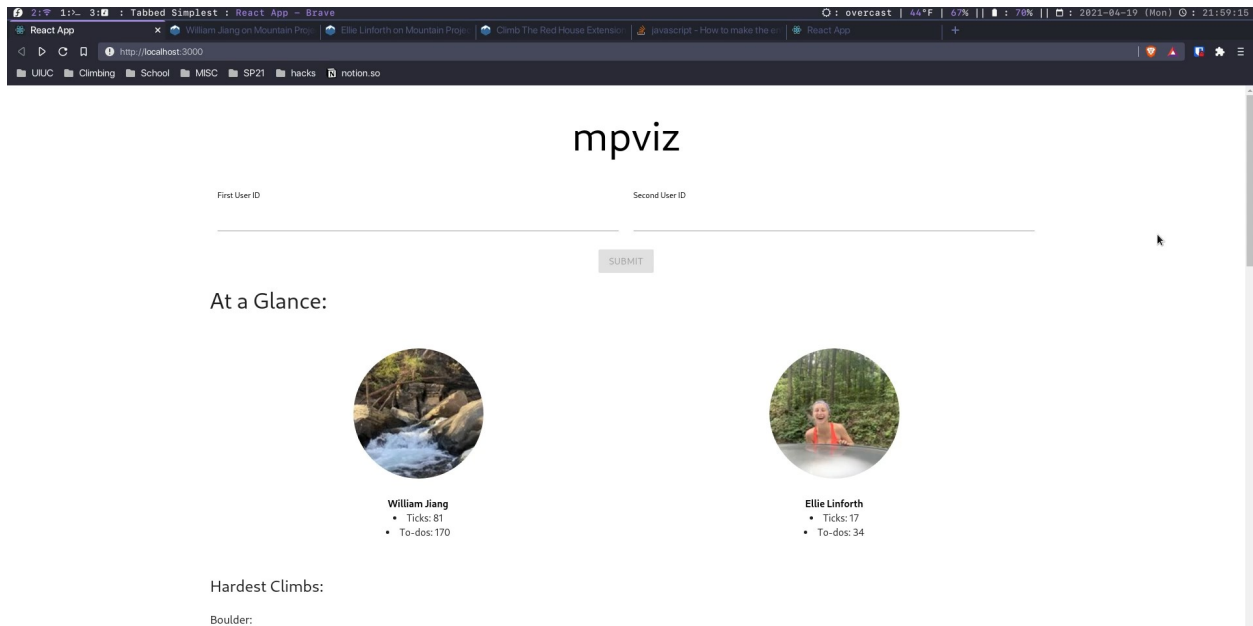
Figure 5: web page loaded with example users

The information rendered on a user is as follows:

- Avatar

- Name

- Number of Ticks

- Number of Todos

If the webpage is not supplied with correct input, it will crash. Note that the name of a user, on click, will redirect to that user's Mountain Project page:
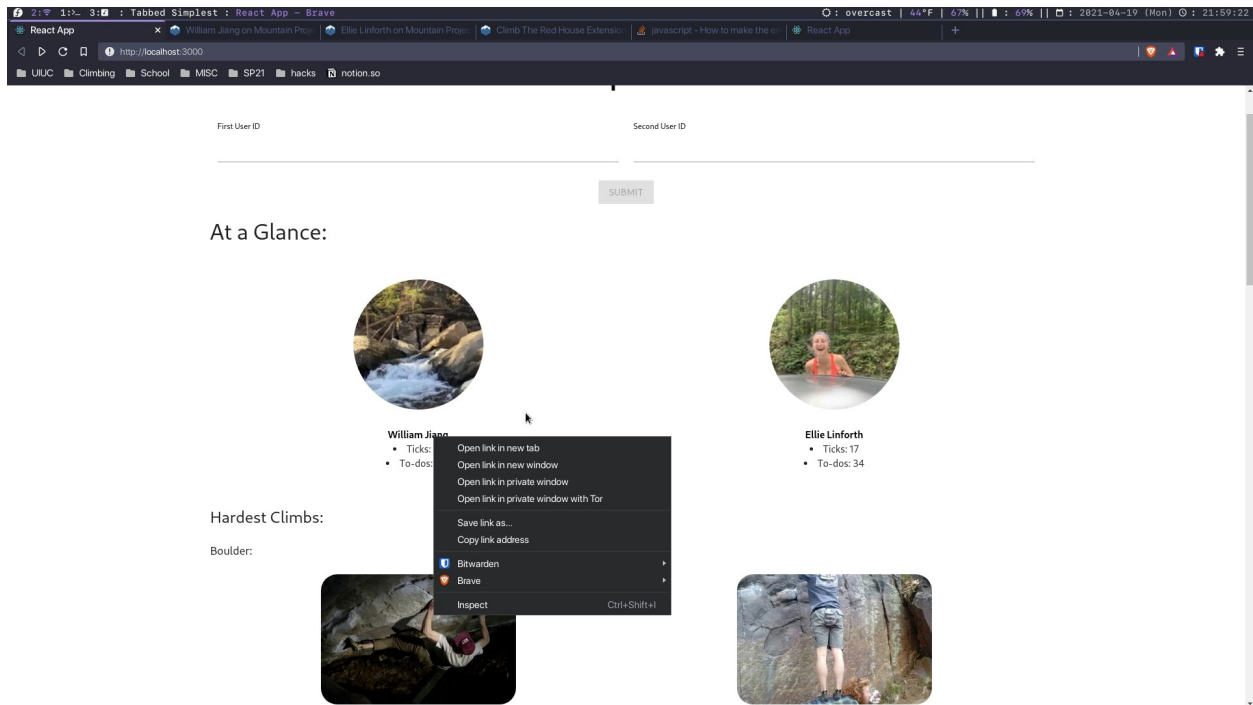
Figure 6: user's name is a hyperlink

After a user, the hardest climbs a user has done follow. The information that is rendered on a route is as follows:

- First mountain project picture

- Name

- Grade

- Rating and rating count

This behavior is exhibited by route names as well:

Figure 7: route's name is a hyperlink

In cases where a user doesn't have a hardest climb in a certain discipline, the page will render placeholder text:
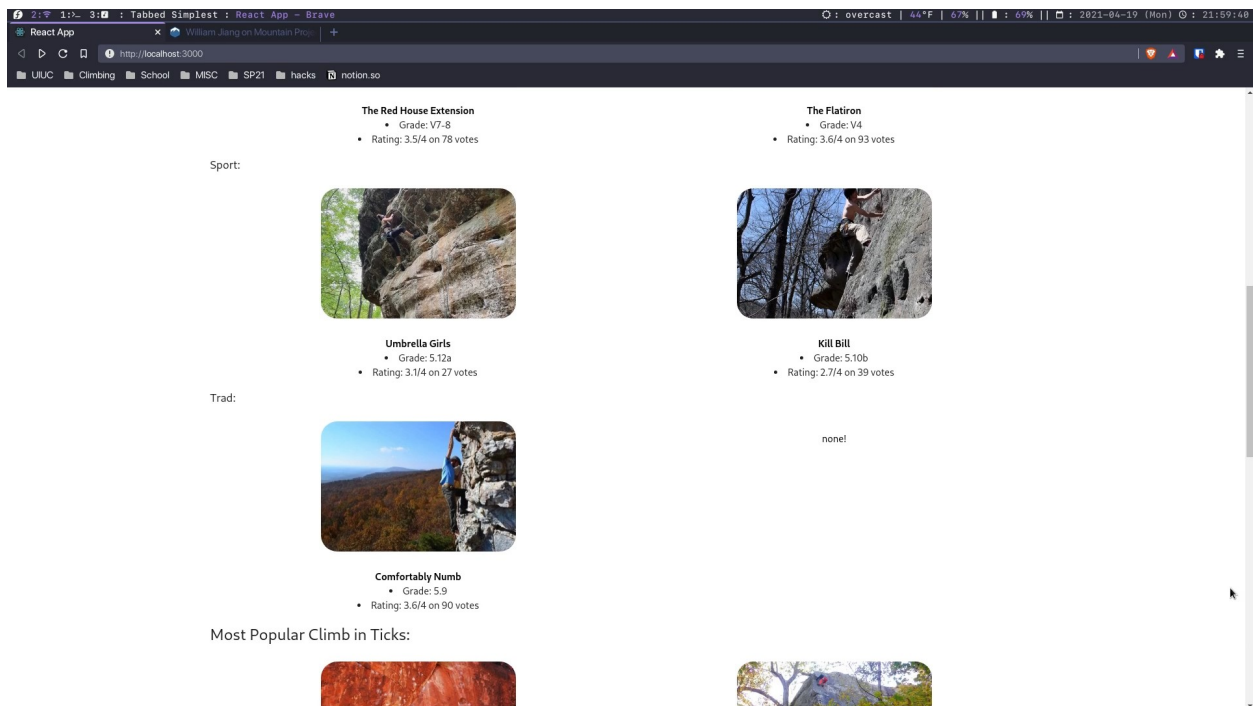
Figure 8: right side user has no trad routes completed

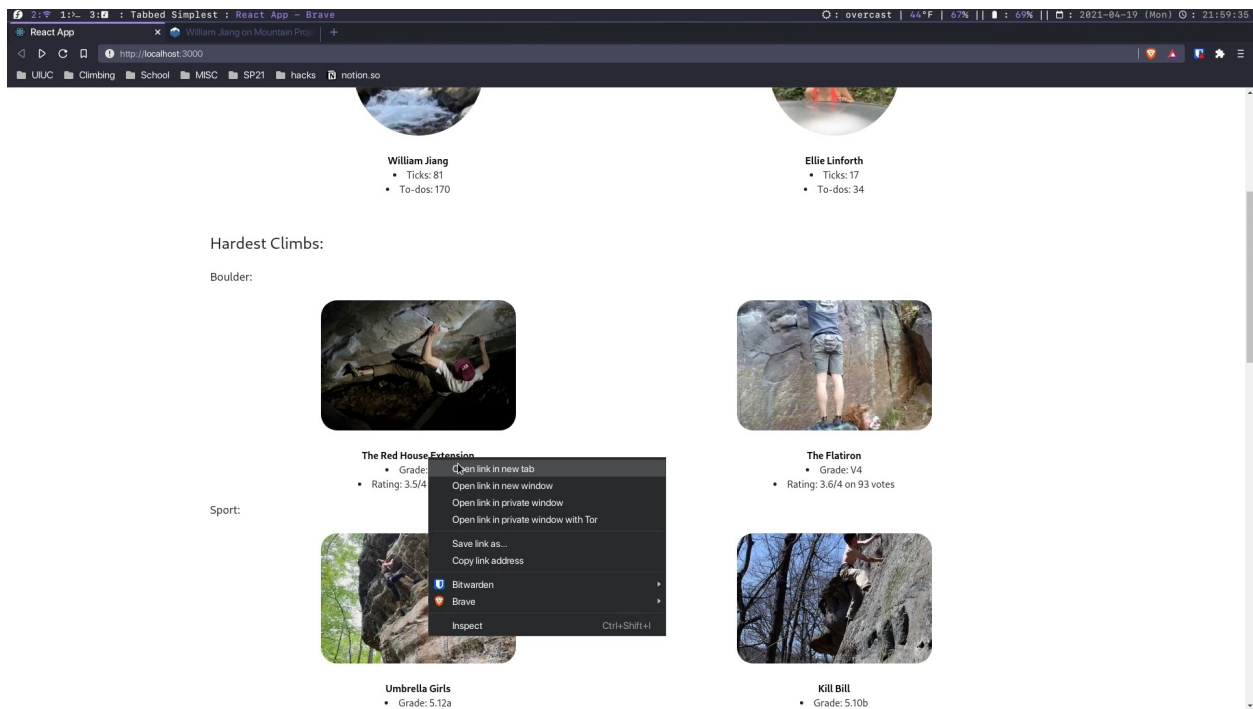The page continues to scroll to the bottom displaying most popular climbs and least popular climbs. Most popular is computed by finding the route in the user's ticks with the most ratings, while least popular is the climb with the lowest overall rating.
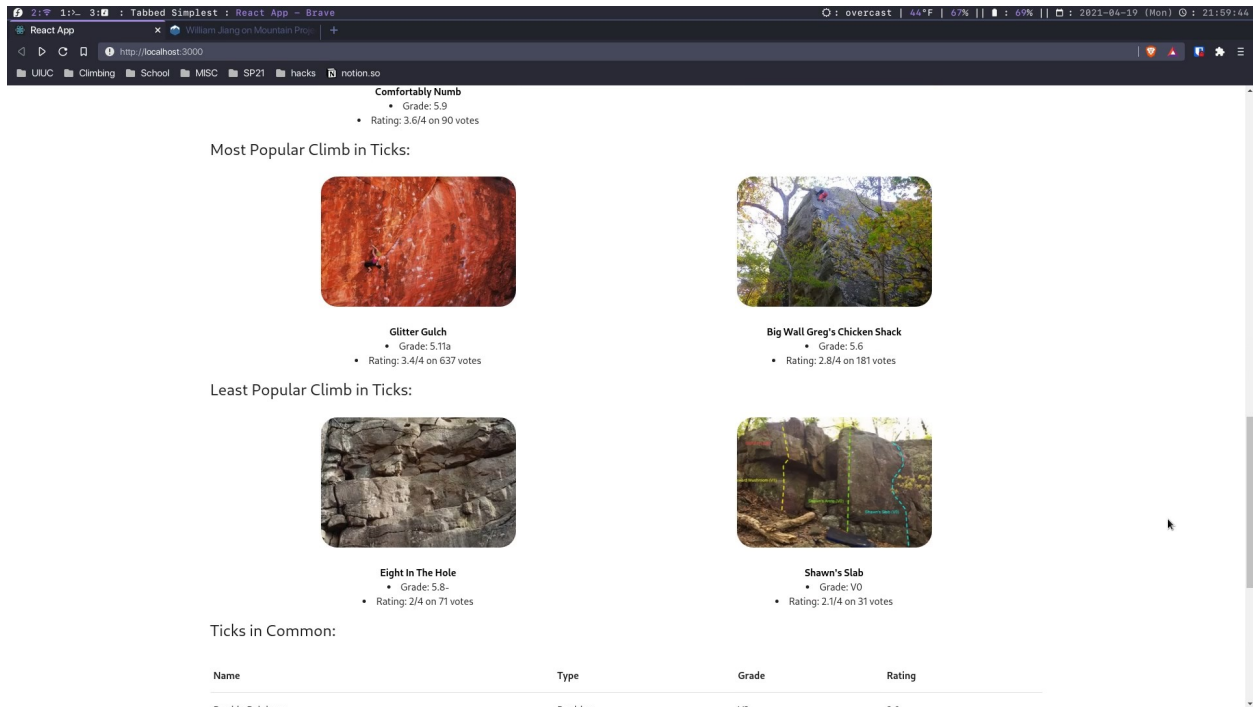
Figure 9: displaying information related to most popular and least popular climbs

In the case that a climb has no pictures, the web page will just not render a picture.

The last information to be rendered is the "Ticks in Common" and "Todos in Common". This is rendered in a list containing routes type, grade, and rating:

2:✦ 1:>_ 3:▣ : Tabbed Simplest : React App — Brave   ☁ : overcast | 44°F | 67% || ▮ : 69% || ▯ : 2021-04-19 (Mon) ⊙ : 21:59:52

React App   ×   ☁ William Jiang on Mountain Proj   +

◁ ▷ C 🔖 🔖   ⓘ http://localhost:3000

📁 UIUC 📁 Climbing 📁 School 📁 MISC 📁 SP21 📁 hacks 📄 notion.so

Eight In The Hole
- Grade: 5.8-
- Rating: 2/4 on 71 votes

Shawn's Slab
- Grade: V0
- Rating: 2.1/4 on 31 votes

Ticks in Common:

Name	Type	Grade	Rating
Double Rainbow	Boulder	V3	2.9
Robert Paulson	Boulder	V2	2.6
Public Enemy	Boulder	V1-2	2.7

To-dos in Common:

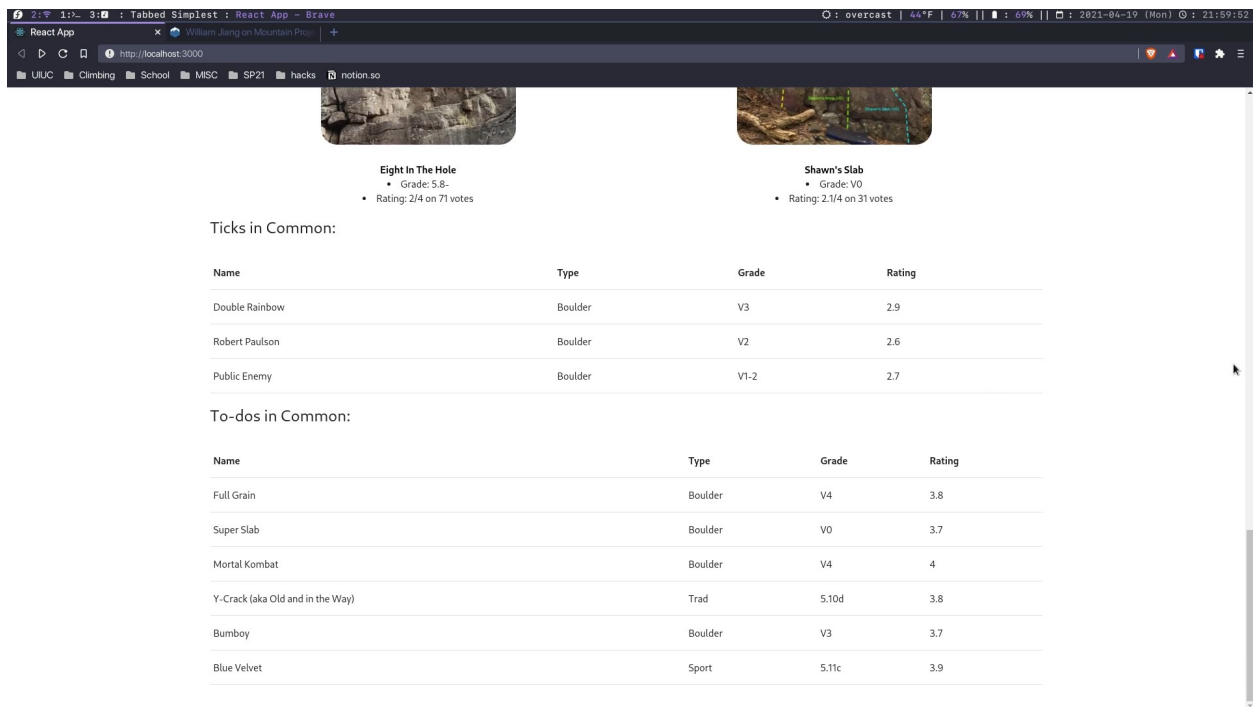| Name	Type	Grade	Rating
Full Grain	Boulder	V4	3.8
Super Slab	Boulder	V0	3.7
Mortal Kombat	Boulder	V4	4
Y-Crack (aka Old and in the Way)	Trad	5.10d	3.8
Bumboy	Boulder	V3	3.7
Blue Velvet	Sport	5.11c	3.9

Figure 10: Ticks and Todos in Common rendered

Currently, in order to bring the webpage to the start input, a user could either scroll to the top and input two new users, or refresh the page.