

National Parks Lift Off

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Description

This app allows users to quickly search for basic data on all National Parks with an autofill search. It also has the latest important alerts from the National Park Service API.



Features

- Fetches Information from the National Park Service API
- Saves your favorite parks(with a delete option) and links to each of the pages we designed using API information and pages
- Using the Google Maps API to show the location of each park
- User Login



Planning - User Stories

As a user, I want to see if the park has an entrance fee so that I know if I need to bring money on my hike

As a user, I want to search a park, so I can see more detailed information on it

As the user, I want to save favorite parks so that I can always have access to them



Database

The fav_park table has the information needed to get to have access to each page. That includes the park name and url of our park pages.

As of now, users and fav_park tables do not work together to save parks specifically for each user.



Technology Stack

- Javascript
- Java
- React
- Bootstrap
- NodeJS
- ExpressJS
- MySQL



What I Learned

- Using the React framework in general
- Connecting to and working with a database in React
- Using the axios library to fetch API information
- Sending information from backend to frontend and vice-versa with Express



What's Next

- Having relational database features such as making favorite parks for each user
- Improving Alerts, right now they display with National Park code names

