The Problem

Federal lands provide premier recreation areas for the public. However, unintuitive UIs and poor search results yield cognitive overload and an inability to support effective decision-making. Finding new recreation areas online is a needlessly tiresome and intimidating process for users.

Government agencies often publish data to encourage citizen engagement. However, no development roadmap and legacy information systems present feasibility challenges for people wanting to build civic-tech products. Engaging and developing for the public space is impaired as a result.

The Solution

- Smart search
- Intuitive interface
- Limited suggestions

Using the Federal Recreation Information Database API, we developed a roadmap for data storage, search & UI/UX. Key requirements included location/activity based search, comparison tool and a modern website aesthetic while reducing cognitive overload. RecRanger’s novel features over current offerings include displaying limited search results, a streamlined comparison tool and automatic location detection.

- Compare sites in one place
- Create personal notes
- Print final list and explore!