

A white silhouette of a jagged mountain peak on a dark background. The word "Summit" is written in a white script font, overlapping the left side of the mountain. The word "PLAN" is written in a bold, white, sans-serif font, positioned to the right of "Summit" and partially overlapping the mountain's peak.

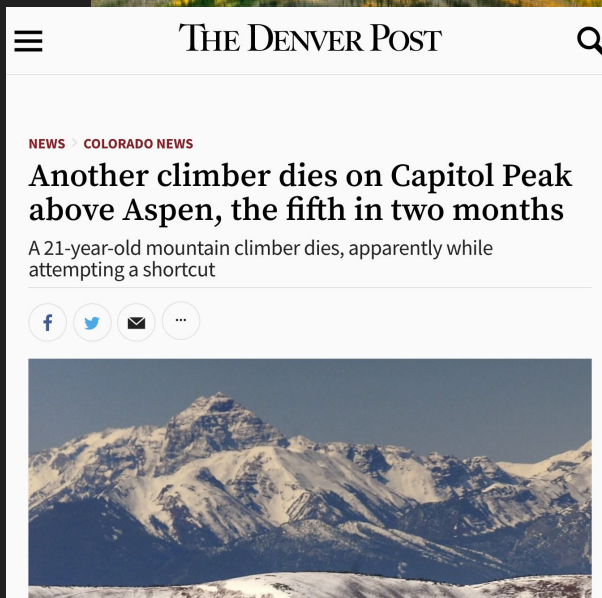
Summit **PLAN**

By "The Mountaineers":

Megan Byers, Lucas Reed, Lindsay Walton, Elliot Whitehead

Our Mission

- Clear, concise trail information is hard to come by
- Picking the right 14er of the 53 in the state is time consuming and frustrating
- Mountains can be dangerous if hikers do not have proper info!

A screenshot of the 14ers.com website. The header includes the site name and navigation links for PEAKS, ROUTES, TRIP REPORTS, and CONDITIONS. Below the header is a "14er Quick Links" section with a table of mountain peaks. To the right of the table is a large image of a mountain peak. At the bottom right, there is a red banner with text about helping 14ers.com and a "No membership" notice.

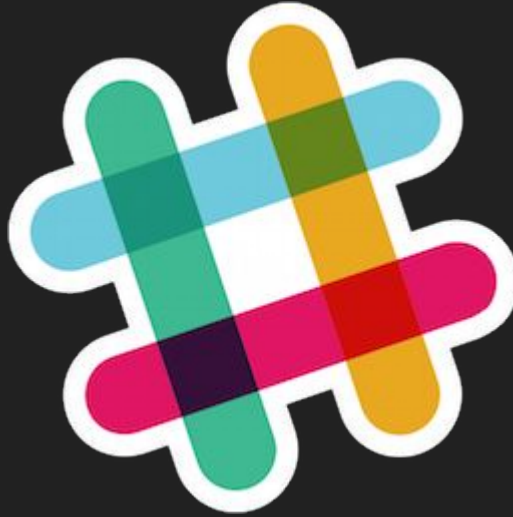
14er Quick Links	
Front Range	
Grays Peak	14,270' ***
Torreys Peak	14,267' ***
Mt. Evans	14,264' ***
Longs Peak	14,255' ***
Pikes Peak	14,110' ***
Mt. Bierstadt	14,060' ***
Tenmile Range	
Quandary Peak	14,265' ***
Mosquito Range	
Mt. Lincoln	14,286' ***
Mt. Cameron	14,238' ***
Mt. Bross	14,172' ***
Mt. Democrat	14,148' ***
Mt. Sherman	14,036' ***
Sawatch Range	
Mt. Elbert	14,433' ***
Mt. Massive	14,421' ***
Mt. Harvard	14,420' ***
La Plata Peak	14,336' ***
Mt. Antero	14,269' ***
Mt. Shavano	14,229' ***
Mt. Belford	14,197' ***
Mt. Princeton	14,197' ***
Mt. Yale	14,196' ***
Tabeguache Peak	14,155' ***
Mt. Oxford	14,153' ***
Mt. Columbia	14,073' ***
Missouri Mountain	14,067' ***
Mt. of the Holy Cross	14,005' ***
Huron Peak	14,003' ***
Elk Mountains	
Castle Peak	14,265' ***
Maroon Peak	14,156' ***
Capitol Peak	14,130' ***
Snowmass Mountain	14,092' ***
Conundrum Peak	14,060' ***
Pyramid Peak	14,018' ***
North Maroon Peak	14,014' ***

Tools



GitHub

version control



Slack

communication

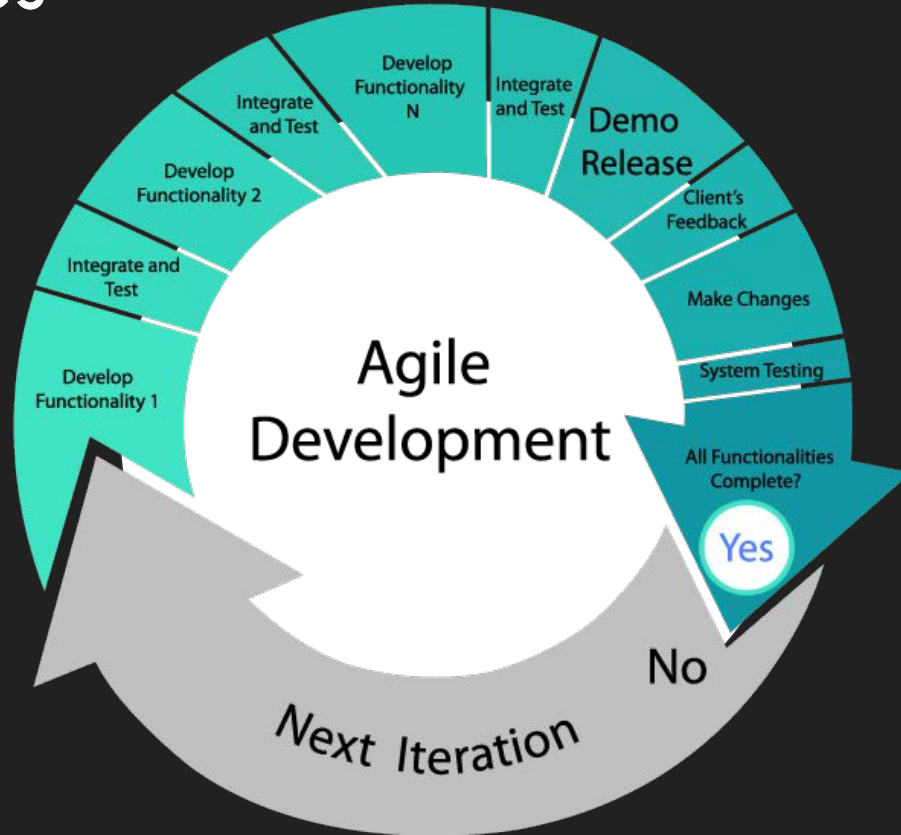


Waffle

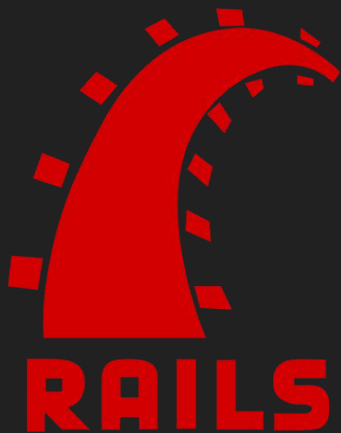
project management



Methodologies



Development



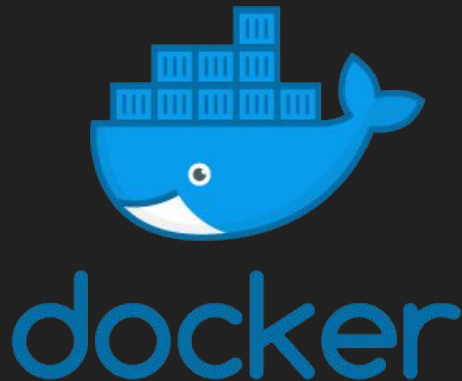
Ruby on Rails
framework



Postgresql
database



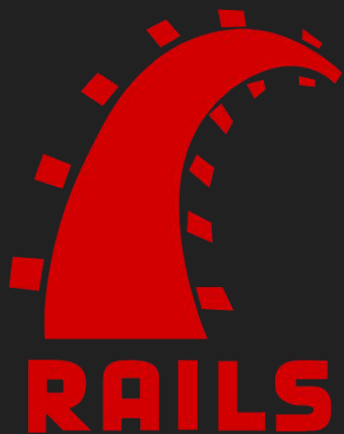
Google Maps API
data visualization



Docker
build platform



Testing



Ruby on Rails (minitest)
built-in testing-framework



Challenges

- We chose a framework that none of us knew how to use!
- Long initial setup of Ruby on Rails framework lead to last minute cramming
- Nearly impossible to standardize fourteener data
- Primitive understanding of HTML & CSS
- Deployment - docker not well equipped for deployment

Demo