



First Ascent

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Description

- An easy way for climbers to share and find newly discovered boulder problems
- Users can have their own profiles to showcase the climbs that they've done and save climbs that they want to do in the future
- Users can leave ratings, reviews, and suggestions for climbs



Goals

- Build a website that allows users to post, rate, and search for new climbs

High Level Goals

- Create a way to upload a post
- Be able to search for routes
- Create a profile for each user
- Create a map to show different climbs in the user's area



Sprint 1

- 3 - As a developer, I want to be comfortable with using Firebase to store data
- 3 - As a developer, I want to be more familiar with React.js, JavaScript, HTML, CSS, JQuery for developing our web app
- 5 - As a user, I want to sign-up/sign in to the app



Sprint 2

- 5 - As a user, I want to post new rock climbs/routes I find so that others can also find them.
- 2 - As a developer, I want to be comfortable with using Google Maps API to pin locations and show the map
- 2 - As a user, I want my posts to include location and directions



Sprint 3

- 3 - As a user, I want my posts to include pictures and descriptions
- 3 - As a user, I want to draw route lines for the climb
- 2 - As a user, I want to see rate and review climbs for others to see
- 2 - As a user, I want the difficulty of a route to be subject to a community rating system

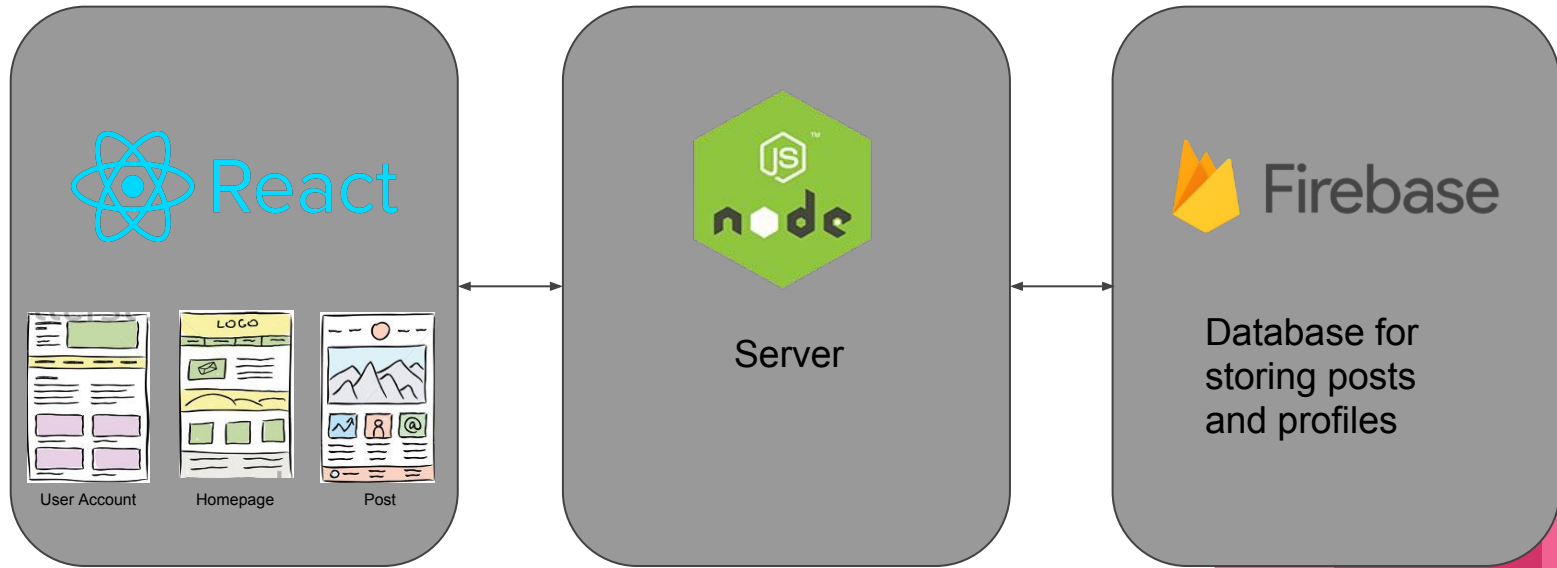


Sprint 4

- 3 - As a user, I want to search for boulders based off difficulty or area so that I can explore new climbs
- 5 - As a user, I want a profile where I can show off all my climbs on a map
- 3 - As a user, I want to pin climbs that I am interested in



Architecture



Technologies

- React.js
- Node.js
- Firebase
- Google Maps API
- Discord
- Github



Challenges/Risks

- Learning the technology for inexperienced programmer
- Dealing with schedule conflicts
- Implementing database efficiently

