Liftability

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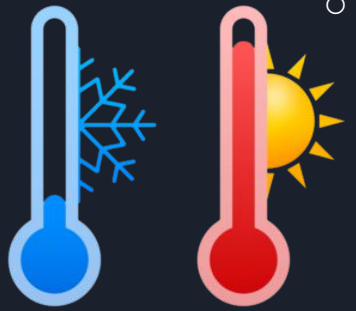
About App

- Our web app creates a easy and reliable center of information for skiers/snowboarders looking to hit the mountain.
  - Temperature, wind speed, UV, etc
  - Chair and Trail Availability
  - Mountain visitor busyness
  - Review page



Artistic design

- Simple > eye catching
  - keeping design simple creates an environment where nobody can get lost or confused while looking for info

- Conveys the necessary information

Development Tools

Project Tracker: Github project-⭐⭐⭐⭐

VCS: GitHub-⭐⭐⭐⭐⭐

Database: PostgreSQL-⭐⭐⭐⭐⭐

Application Server: NodeJS-⭐⭐⭐⭐⭐

Deployment Environment: Render-⭐⭐⭐⭐⭐

Testing: Postman-⭐⭐⭐ & Mocha-⭐

Development Tools

API: Open Meteo-⭐⭐⭐⭐

API: MtnPowder-⭐⭐⭐⭐⭐

API: Copper and WP Pages-⭐⭐⭐⭐⭐

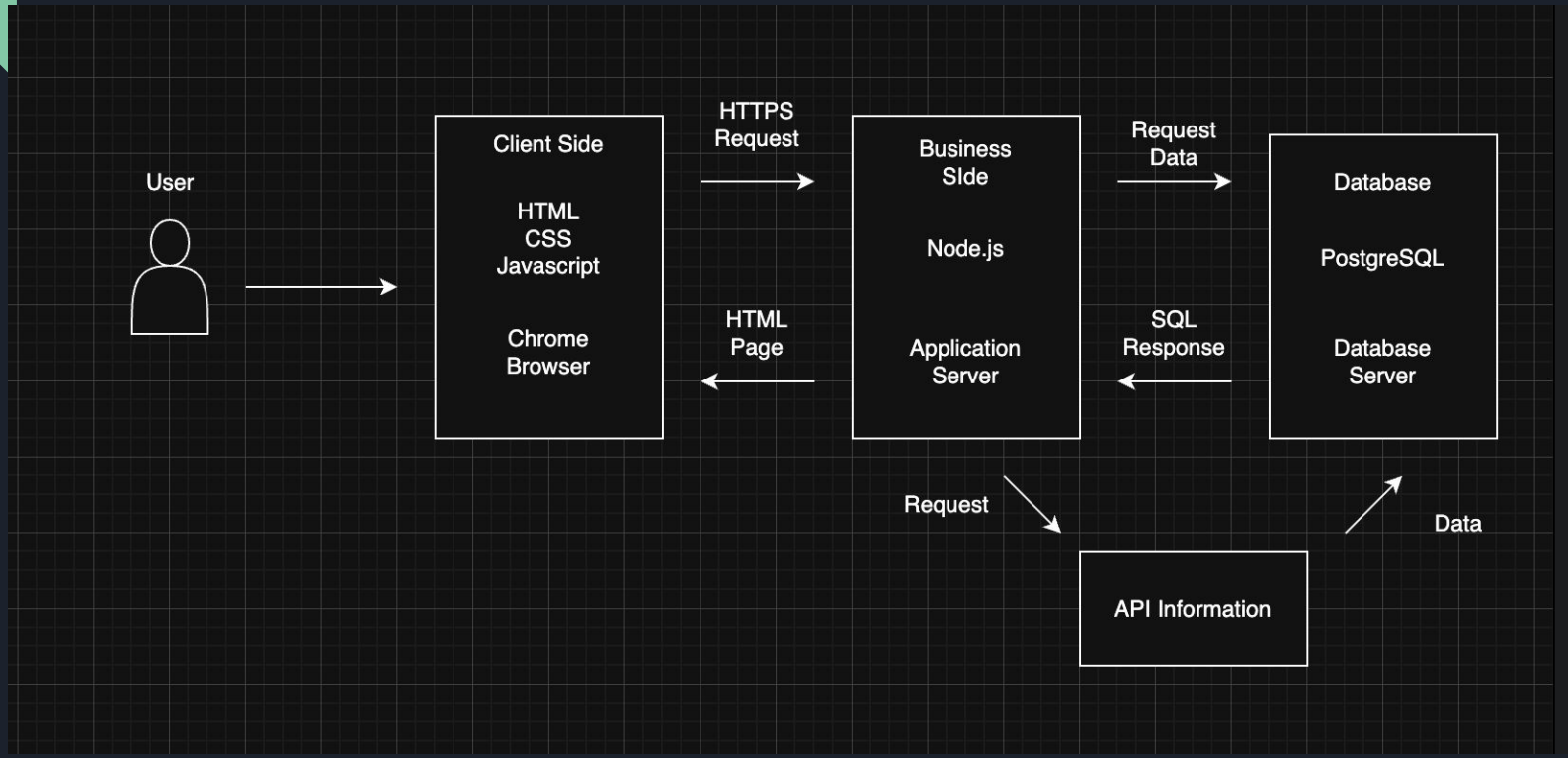
API : Steamboat and Eldora - ⭐⭐⭐

IDE: VsCode-⭐⭐⭐⭐⭐

UI: HTML-⭐⭐⭐⭐⭐

UI: Handlebars-⭐⭐⭐⭐

Architecture Diagram



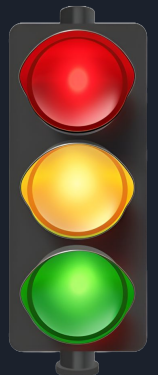
Roadblocks

- API implementation
  - Finding reliable, free API's
- Communication
  - Knowing what story to work on without teammate overlap
- Organized Git
  - pushing/pulling from git without overwriting

Future Scope

Our app lends itself to be built on and enhanced:

- More Mountains: not in CO, non IKON mountains, etc.
- Improved Weather reports: include more info besides just a weather overview
- Incorporate more APIs to improve specific trail availability and snow reports
- Getting to the slopes: add road traffic data to give a better idea of general congestion



Project Demo

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