Ski Bumz

Created by Caleb Caulk, Bill Black, Neo Rieck, Drew Hockstein

Order

Brief Overview - Caleb

Login / current user - Bill

Home Page - Drew

Conditions - Drew

Resorts - Caleb

Stat Tracker - Neo

Note: Relate page to database

Tools

- Project Tracker - JIRA
  - ★★ - Without a SCRUM master and and irregular schedule
- Server - Nodejs
  - ★★★★ - For ease of basic setup
- Framework - Docker
  - ★★★★ - For ease of basic setup
- Database - PostgreSQL
  - ★★★★ - For ease of basic setup
- Hosting Service - Heroku(OPTIONAL)

APIs Used

OpenWeather

- Used for all of the real time weather data collection

Google Maps

- Used to show the locations of all the resorts

Expected tools

Used Jira for Agile project tracking.

GitHub is used to control the version of the project files.

PostgreSQL used to developing the database.

The testing tools that we used for the app was mocha and chai.

The site was developed through the localhost 3000 port using docker compose, but then migrated to Heroku to free local space and automatically update the application.

A variety of IDEs were used for development, but the framework we used for the site is Node.js with embedded JavaScript.
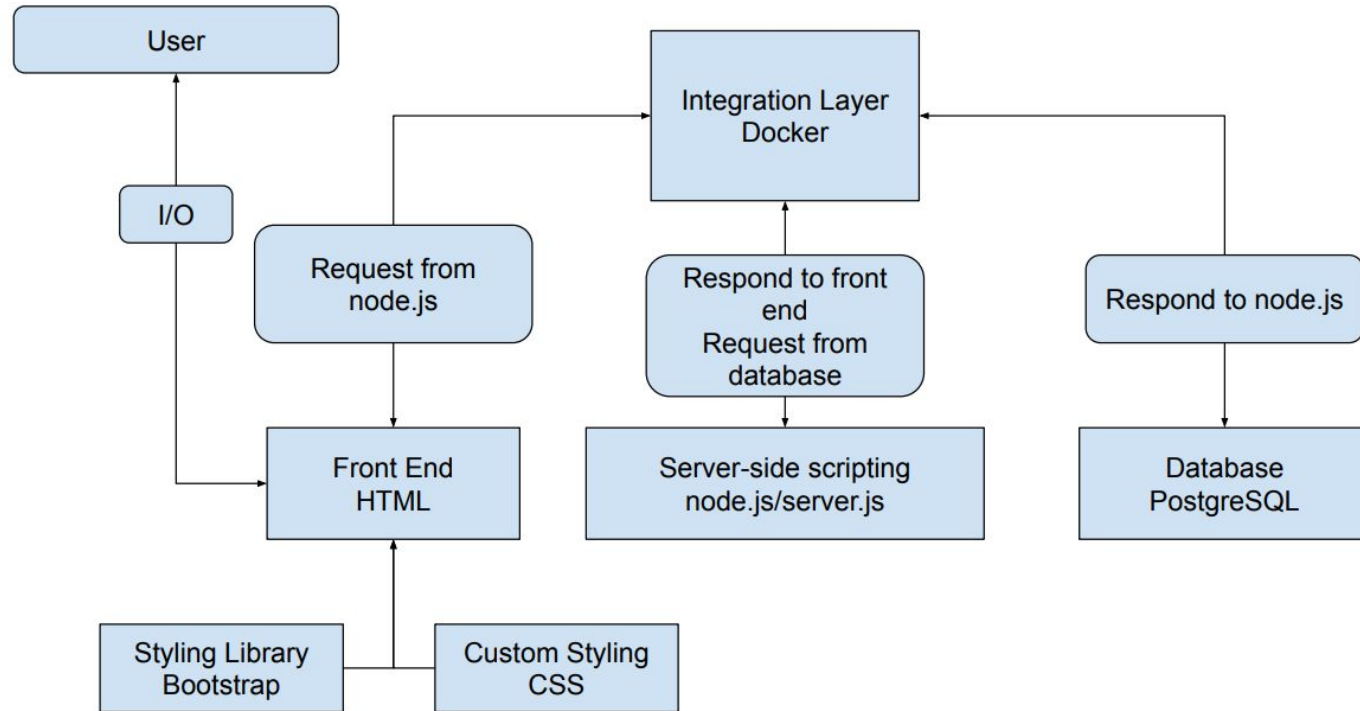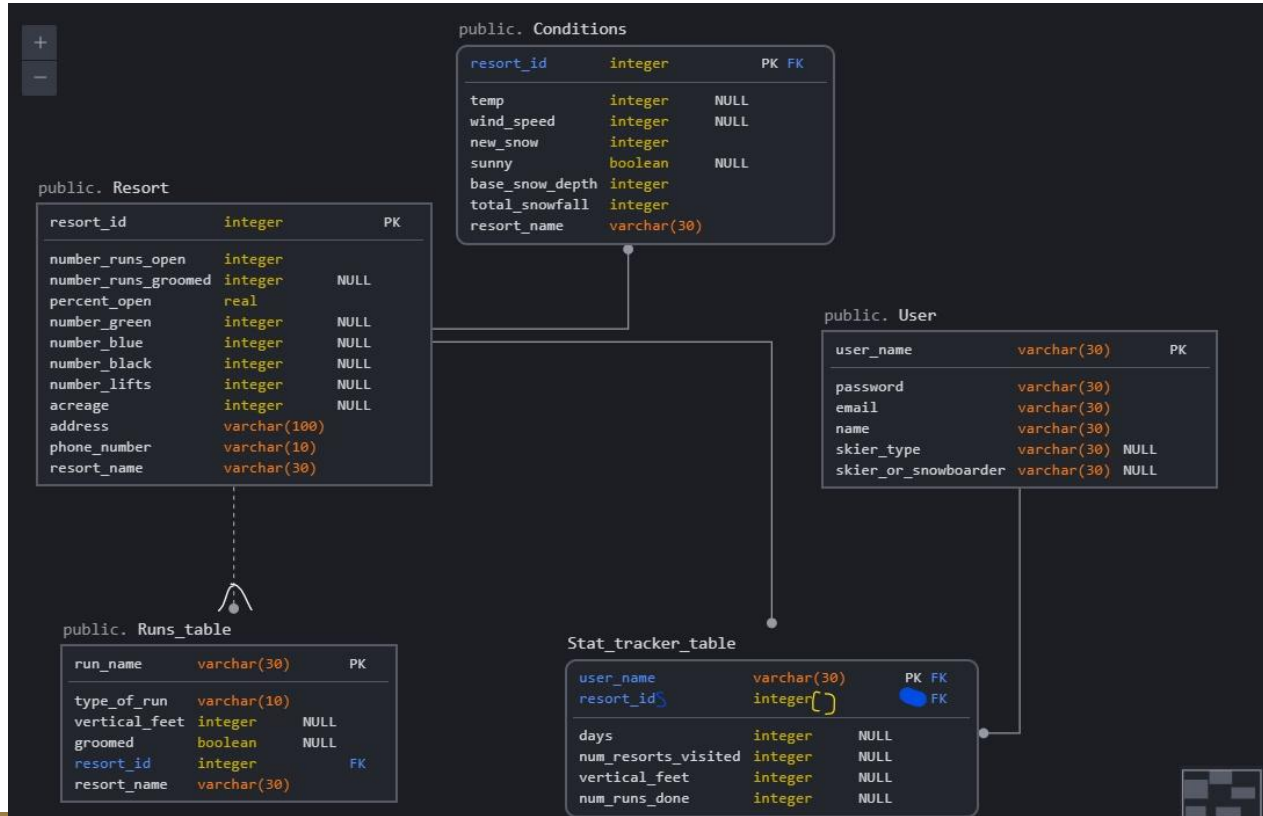
Jira Board

Roadmap

CC BB NN A +2

Status ⌄

Epic	APR
› ⚡ F18-1 Registration Page	
› ⚡ F18-7 Ski Website Login Page	
› ⚡ F18-8 Ski Website Database with Re... +	
› ⚡ F18-33 Website Home Page	
› ⚡ F18-37 Weather API	
› ⚡ F18-39 Stat Tracker	
› ⚡ F18-46 Resort Info	
+ Create Epic	

Architecture Diagram

Database Diagram

Challenges

Hooking up the database to the server

Modifying POST login for server-side JS

Maintaining consistency in design due to differing schedules

Hooking up test cases

Hard to find a free API with all the weather data we want