# Team on a Cob - Sprint 1

1/25/17

Where we left off

- Website was usable for easy data entry among multiple users
  - Athletes able to retroactively change workouts via deleting and re-adding
- Not as easy to view data, trainers/admins able to dump data in csv file
- Framework for team association, but no functionality
- No good way for coaches/Admins to view the current users

Tech Stack

- Node.js website
    - Express
    - Passport - Authentication Middleware
- MySQL - Database, storage for athlete data
- Pug (Jade) - HTML template engine
- Everything hosted on AWS Elastic Beanstalk + RDS

Code Architecture

- Server.js - Main startup file
- Queries.js - Database Interface
- Db.js - holds connection string to database
- Pug Files - Front end, renders HTML files to client
- OU WxC DB - MySQL database storing data for:
- Users
- Roles
- Workout Information
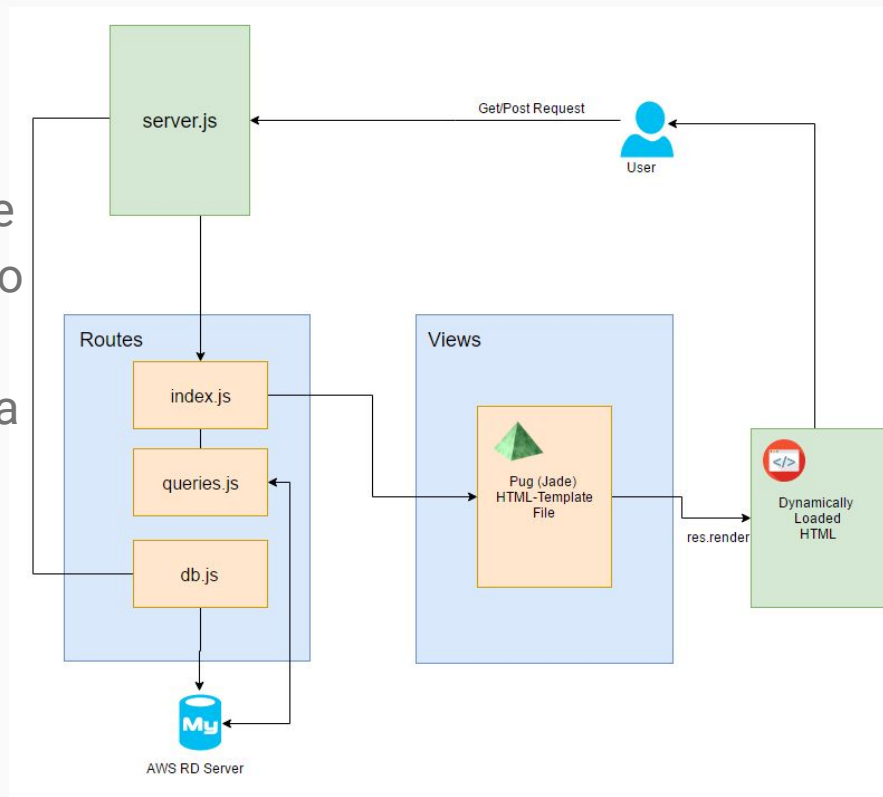
Sprint 1 goals

- Fix bugs: charts fixed so they properly show last 7 days
- Clean up the layout and unused pages: better aesthetics, removed home page
- Add more functionality: change password, submit bugs
- Some short housekeeping work that the client provided to us on Monday (1/23)

Chart fixes

- Original implementation of weekly charts was… unintelligent to say the least.
- Statically considered that current week (Sunday - Saturday) so you would only see data from the days prior.
- Now the charts dynamically load the data based on the 7 dates prior to the current day.
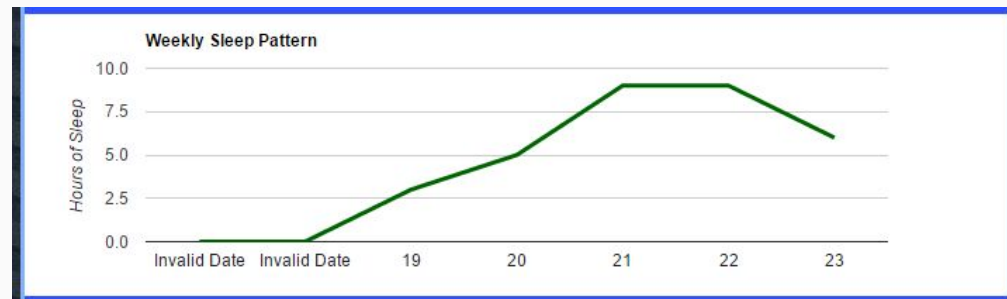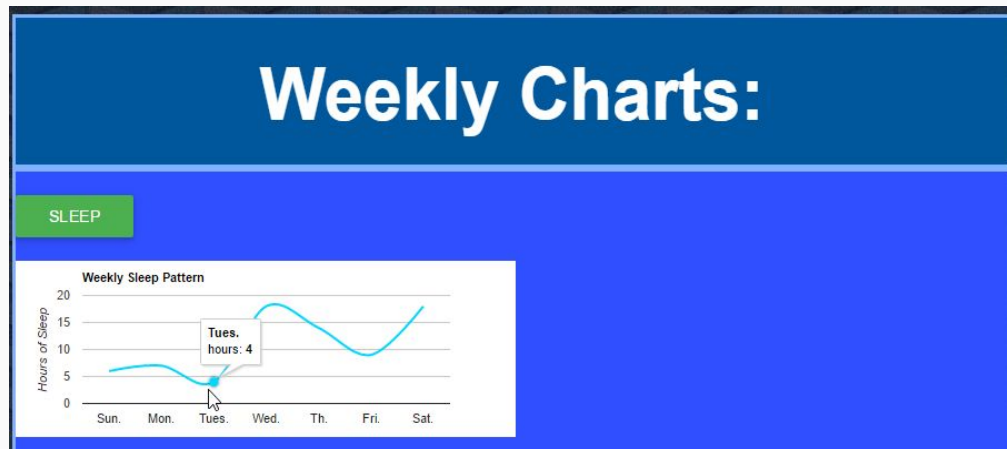
Slight change in Requirements

- Originally website was designed strictly for running workouts
- We knew there was potential to extend this to other athletic teams
- Client recently informed us there are plans in place to extend this to athletes that will have more of a focus on cross training or strength training compared to running.
- We have and will continue to adjust the website to fit these needs

Future of website

- Hashing, for reliable security of our user's passwords
    - New default password, new users will be redirected to the change password page until it is changed.
- The ability to edit workouts
    - Currently a placeholder button with no functionality, when clicked this should load up the entry form with the workout loaded and allow fields to be changed
- Interval workouts
    - Being able to enter multiple entries for certain form fields
- Coaches page
    - Adding the functionality of coaches to view their teams physiological data

Requirements from Client

- Recently our client had a chance to critique the current application state and he discussed some minor changes for the application and its future.
    - A majority of the changes were data entry fields for the workout entry page.
        - Addition of labels: the athletes will have a better understanding of the selection fields when entering their workout.
    - Moving the charts location on the training log page
        - Adding a couple of new charts to the page
    - Renamed our application to something generic and non symbolic

Testing Plan

- For the beginning part of this semester, we as a team will each keep a profile and use it for data entry
- For the next phase of testing our client has produced a group of users that will test the website as its intended use
- At the end of the semester the client will turn the website over to the intended users to use for data entry over the summer

Live Demo

http://ouwxcpp.ik3pvw7c5h.us-west-2.elasticbeanstalk.com

Sprint 2 goals

- Complete User Creation Process
  - Force password change upon first login
  - Fully implement hashing
  - Create new testing profiles for team/client
- Fix charts to handle new feature of interval workouts
  - Also still a bug where the days are shifted by one, need to investigate this
- Allow users to edit past workouts