

Sprint 3

Team on a Cob



Past few weeks...

- Met with client and discussed the new features and what changes to make to the project
 - Wanted another datapoint on the charts, Chronic along with Acute. (Rolling Average)
 - Wanted ability to create teams and assign users to those teams.
- We prepared the site for beta testing
 - Tested out new aesthetics, new admin control features, fixed annoying bugs

Contributions for Current Sprint

Robert:

- Added acute:chronic ratio Training Load charts as requested.
- Fixed many chart bugs and team page bugs
- Fixed bugs related to new DB overhaul

Andrew:

- Added new pages that help add functionality to entire project that involve teams: removing, adding, and linking users to teams.
- Locked down access to certain buttons based off users role

Contributions for Current Sprint (cont.)

Peter:

- Implemented hashing middleware for passwords within application

Brent:

- Add support for a many to many relationship between users and teams
- Clean code base in database interface

Lucas:

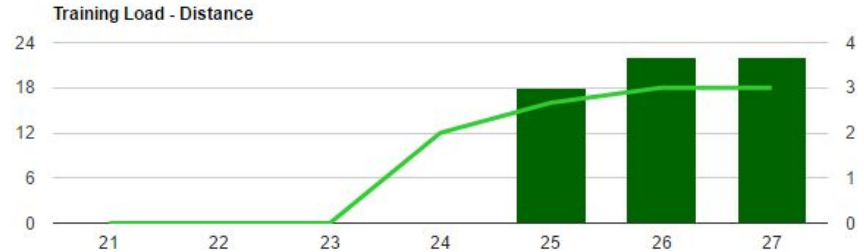
- Added modal, updated color scheme for coaches page
- Bug fixes

Acute:Chronic Ratio

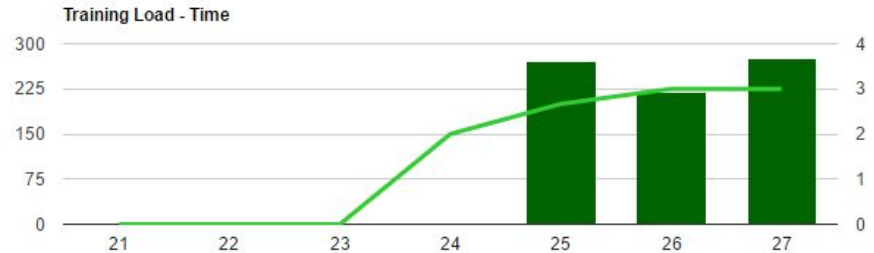
Client asked in our meeting to add another line to our Training Load charts which would:

- Show acute:chronic ratio
- Allow user to prepare for events more intelligently

TRAINING LOAD - DISTANCE

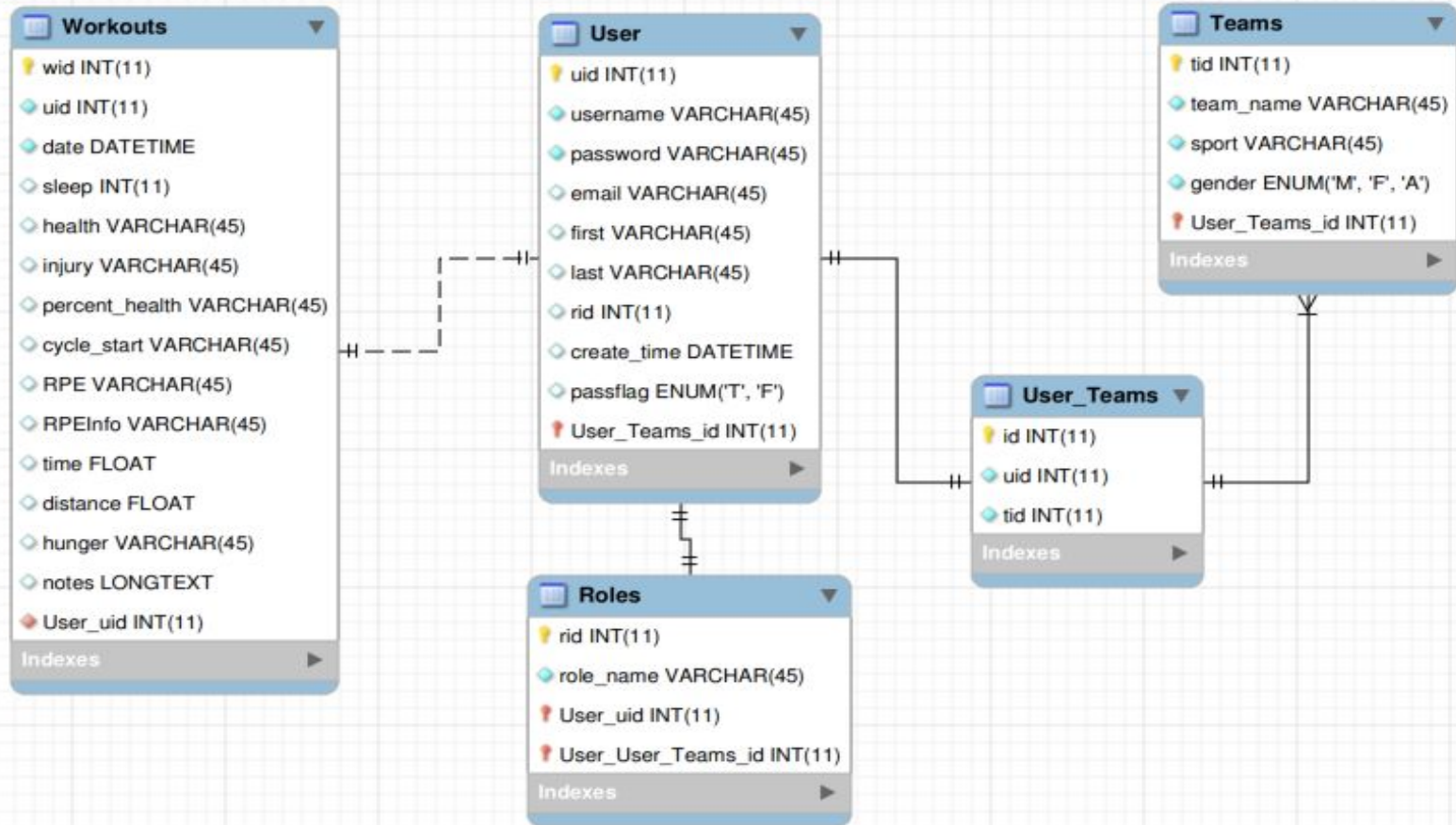


TRAINING LOAD - TIME



Multiple Teams

- Initial design did not support multiple teams
 - Poor foresight in Database design
- We have a better idea now of what information we need in our database
 - Initially designed database before a good idea of everything that would be needed
- Decided it would be better to slightly redesign database with better foresight and naming conventions.



Hashing Security

- Until now passwords have been stored in plain text within our applications database
- This sprint we introduced a hashing middleware (Bcryptjs) to the application for all routes that deal with passwords and authentication
- This implementation required alterations to our database query implementations.

Hashing Implementation

Done with the use of 3 functions implemented within the middleware

- genSalt - generates a salt to be used by the hash function
- hash - generates hash based on input string and salt
 - Stored within our application database
- compare - compares plain text string with a hash
 - Returns a true or false response

Future : Short Term

- Now that we have a way to manipulate teams we have added everything our client has said he needs to start beta testing.
 - We will begin testing now, and have analytics ready after spring break
- Once testing begins, our guess is that the testers will find bugs and shortcomings in our website and fixing these will be our main focus

Future : Long Term

- Based on requirements given by client we believe the website is in a usable state for its purpose
- From here on everything will be post deployment work
 - Make user experience better
 - Clean code base
 - Fix bugs
- As of right now client does not have any other new features needed in the application

Individual Responsibilities - Future

Robert:

- Update rolling average lines on chart according to client
- Update data dump based on new fields in database
- Move some areas of myworkouts.pug to a different file (it's way too big)

Andrew:

- Finalize additions of remaining pages (if any are required)
- Add dynamic selection menus for added convenience
- Fix bugs
- Finalize color scheme and layout of pages for final result

Individual Responsibilities - Future (cont.)

Peter:

- Clean our routes file code base
 - Remove/comment debugging code i.e console.log() commands
 - Remove any routes that are no longer needed
- Bug Fix

Brent:

- Bug fixes, clean code base

Lucas: Finalize coaches page, fix bugs

Live Demo

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

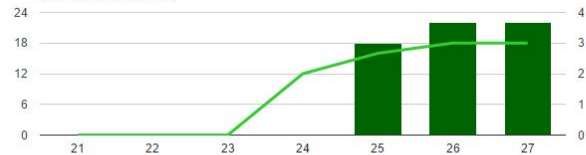
Weekly Charts:

SLEEP

DISTANCE

TRAINING LOAD - DISTANCE

Training Load - Distance



TRAINING LOAD - TIME

Training Load - Time



Link a Team to a User

Username:

Team Name:

LINK TEAM >

Create a New Team

New Team Name:

New Team Sport:

New Team Gender:

CREATE TEAM ➤