Chemo Tracking App Specification

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Summary

The Chemo Tracking App allows a user to do a fake sign up to view and track certain key issues in their chemotherapy experience. For this exercise the key issues are: water intake, protein intake, and exercise. This is an into level app with no access to database functionality, and doctors are not helping us determine common patient needs. Therefore, as needed, we will fake much of the personal information and all of the medical needs by creating at least some of the objects in JavaScript with dummy information.

**Note**: I'm cutting tracking side affects. We have a lot to do and let's keep it less depressing than it may already seem to be to people working on an intro JavaScript app.

Scope of the Project

This may not seem like the biggest app in the world, but we need to remember that the main goal is to cooperate. For the technology side it's to go a bit beyond what we've already been doing in class with possible stretch goals. I've designed the scope around that plan.

Some people may get done early each day as they did in previous labs. That's not so bad. To prepare for 301 you need to make sure to learn JQuery. Also, if you haven't played with SQL, I highly recommend finding some tutorial on that, too. We all do check ins in GitHub. The adults will know who did what.

The project will have two major components and one optional set of components:

* Three screens
* Reminders on one screen
* Animation/super cool looks (optional)

The project will have three screens (not final names):

* Sign Up
  + First name (keeping it super friendly, and, yes, simple)
  + Past typical water intake per day
  + Past typical protein intake per day
  + Weeks of chemo (feature may be cut – not sure what we'll do with this data)
  + Rounds of radiation (feature may be cut – not sure what we'll do with this data)
  + Info on screen that past water and protein intake is OK or may not have been enough for chemo.
  + All information needs to persist
* Daily Page
  + Allow user to check off water, protein, exercise needs based on sign up requirement (may be beyond us, as in we may need to fake the “based on” part)
  + Above information needs to persist for that day (feature may be beyond us, as in do we clear every 24 hours?)
  + Basic reminders when customer is low, high, or on track for any daily need
  + All information needs to persist (I think)
* Charting
  + Daily, weekly, and monthly bar chart for water, protein, and exercise (not sure we really need a daily chart – or it can be a stretch goal)
  + All information needs to persist

Reminders are another huge part of this app and warrant the time of a new page, if not more time. Present plans are to provide **basic** reminders for the daily page. Reminders include telling the user in text if they are too low, high, or on track for a daily goal.

As for pictures, we need at least a logo. Optionally it would be nice to have picture icons for water, protein, and exercise.

Stretch Goals

If the whole team is ready, because the whole team will participate or we don't do it, we'll add:

* Hipper charts
* Animation to charts (e.g., remember Derek's idea of water filling a glass? Cool chart idea.)
* Hover on buttons

Proposed Schedule

**Monday**

* Hopefully talk before proposal
* Get through proposal
* More white boarding and discussion for:
  + Final design (the adults may tell us to do things very differently)
  + Decide on as many names for things or conventions as we can imagine
  + Go over our merge party process
* Maybe code – especially really nailing down names for coding and pages will keep us from killing each other

**Tuesday**

* In ugly mode, get the three pages running in basic mode with HTML and JS
* TEST - make a list of our HTML/JS bugs
* Discuss color scheme, or perhaps someone has an idea (let's not pick pink due to that other website)
* White board out final CSS goals and/or begin to implement them

**Wednesday**

* Fix HTML/JSS bugs – do it Wednesday after discussing other stuff on Tuesday and with fresh minds
* Get CSS nailed down and implemented
* Get logo in

**Thursday**

* Add animation for charts
* Implement animation for high priority reminders (ex, way low on water)
* Fit and finish
  + Hover overs
  + Better colors
  + Etc.
* Work on presentation for Friday