- ➢ Home page
  - ⊖ ~~Add "get started" BUTTON~~
- ➢ Calories page
  - ⊖ ~~Add checks & validation for all fields (age not >100 <18 etc)~~
  - ⊖ ~~Add comma to calories output display~~
  - ⊖ ~~Add proceed to step 2 button~~
- ➢ Macros page
  - ⊖ ~~Add pie chart~~
  - ⊖ ~~Radio button for 3x macro options~~
    - ▪ ~~Standard~~
    - ▪ ~~High protein~~
    - ▪ ~~Low carb~~
  - ⊖ ~~Add context about each option~~
  - ⊖ ~~Add output box~~
    - ▪ ~~When user selects option 1-3 they are shown~~
      - • ~~Macro~~ ~~calories~~ ~~grams~~
      - • ~~Protein~~ ~~xxx~~ ~~xxx~~
      - • ~~Carbs~~ ~~ccc~~ ~~ccc~~
      - • ~~Fat~~ ~~RRR~~ ~~RRR~~
      - • ~~Total~~ ~~ssss~~ ~~ssss~~
  - ⊖ ~~Add proceed to step 3 box~~
- ➢ Meal Generator page
  - ⊖ ~~Step 1 - Carry forward calories from local storage~~
  - ⊖ ~~Step 2 - Add split % per meal template~~
  - ⊖ ~~Step 3 – allocate calories across macros & meals in 3x3 grid/array~~
  - ⊖ ~~Step 4 – develop index of foods – p/c/f with calories per gram of each~~
  - ⊖ ~~Step 5 – user ticks boxes for which foods they can eat~~
  - ⊖ ~~Step 6 – fill calories per macro per meal with random foods from step 5 array (grams & calories)~~

Overall scope

- • ~~Add window/modal pop ups~~
- • ~~Add sticky header~~
- • ~~Fix footer positioning~~
- • ~~Improve formulas~~
  - ⊖ ~~Functions~~
  - ⊖ ~~Loops~~
  - ⊖ ~~Ifs~~
- • ~~Understand data structures~~
  - ⊖ ~~Objects~~
  - ⊖ ~~Arrays~~
  - ⊖ ~~Properties~~
  - ⊖ ~~Keys~~

To Do List

- ~~Responsiveness – macros page~~
- ~~Current page highlighter for nav bar~~
- ~~First page – Vertically center content~~
- ~~Footer - shrink~~
- ~~Second page – Vertically center content~~
- ~~Make "PDCT" boxes appear on 2. Calories & 3. Macros pages~~

Checks / Controls

- Home page
  - ~~Clear local storage when visited~~
- Calories page
  - ~~Ensure they can't click "Calculate" with empty data in fields above~~
  - ~~Upper & lower limits on age~~
  - ~~Upper & lower limits on weight & height~~
- Macros page
  - ~~Warning message if they click "Import" when local storage is empty~~
- Mealplans Page
  - ~~Add a total-total to meal section @ very end of final page~~
  - ~~Don't allow it calculate meal plans without data being populated on previous page~~

Readme

UX Planes

- ~~Strategy – Context on product objectives~~
- ~~Scope – Build out completely~~
- ~~Structure – substantially completed~~
- ~~Skeleton – Wireframes are done / refine & publish~~
- ~~Surface – complete color scheme, typography & imagery~~

Features

- ~~Header~~
- ~~Footer~~
- ~~Nav Bar~~
- ~~Titles~~
- ~~Buttons~~

~~Features left to implement~~

- ~~Lose/Gain/Maintain weight slider for PDCT~~
- ~~Pie Chart to display macros~~
- ~~Download to CSV for meal plans~~

~~Testing~~

- ~~Generic Testing~~
- ~~HTML~~

- o Home
- o Calories
- o Macros
- o Mealplans
- ➤ CSS
  - o Home
  - o Calories
  - o Macros
  - o Mealplans
- ➤ Javascript
  - o Home
  - o Calories
  - o Macros
  - o Mealplans
- ➤ Accessibility / Lighthouse
  - o Home
  - o Calories
  - o Macros
  - o Mealplans

Bugs

- ➤ Resolved
- ➤ Unresolved

Deployment

Credits

- ➤ Content
- ➤ Media

Final To-Do's:

- ➤ Modals instead of alerts
  - o Update from w3c schools link
- ➤ Don't allow proceeding past calories.html until PDCT is calculated
  - o If localStorage exists then allow proceed
- ➤ When someone first visits the site – hide the nav links to both macros & meals pages
  - o When they populate the calories form, then localstorage will contain a PDCT entry
  - o Check if LS exists → then show macro mix on nav bar
  - o Delete pages 3 & 4 when on Home page
  - o Hide 3 & 4 when on calories page
    - ▪ until local storage is populated, then show the "next" button
- ➤ Conditional check → if LS macro exists
- ➤ Also - Add local storage for [age, weight, height etc] when a "change" event happens on the fields (via event listener)
- ➤ On the "calc my PDCT" click event
- ➤ Possibly use spans instead of modals to displace into alerts
- ➤ Use padding instead of nbsp's for title boxes

Final updates

- Final scrub of readme
    - ~~Update screenshots of browsers~~
    - ~~Update screenshots of devices~~
    - ~~Add features for modals~~
    - ~~Credits for modals~~
    - ~~Re-validate:~~
        - ~~HTML~~
        - ~~CSS~~
        - ~~JS~~
    - ~~Attach word doc as example of planner approach – to be KanBan boards in future projects~~
- Coding
    - ~~Add localstorage for age, weight, height, gender, activity-level~~
    - ~~Add modal/error check to hide "Generate" button unless at least 1 food is selected~~
    - ~~Fix bug in generator where last food in array is never chosen by randomised function~~
- ~~Features left to implement~~
    - ~~Allow user weight their own meal allocations~~
        - ~~Hide button until they have it totalling 100%~~
- ~~Re-comment & re-format:~~
    - ~~HTML~~
    - ~~JS~~
    - ~~CSS~~
- ~~Post to peer reviews section for EOD Thurs~~

Closeout

- ~~Scrub calories per gram~~
- Re-format
    - ~~HTML~~
    - ~~CSS~~
    - ~~JS~~
        - ~~Remove Console logs~~
- ~~Final Comments check:~~
    - ~~HTML~~
    - ~~CSS~~
    - ~~JS~~
- Readme updates:
    - ~~Add select all button to readme~~
    - ~~Add extra javascript functionality descriptions into readme (select all on meals + couple of hidden tables)~~
    - ~~Remove underscores from all Readme images & re-link~~
    - ~~Alt text for home page image~~
    - ~~Files to PDF~~
        - ~~Scope tracker~~
        - ~~Ppt wireframe~~

- ~~Re-validate~~
  - ~~HTML~~
  - ~~CSS~~
  - ~~JS~~
- ~~Re-Lighthouse~~
  - ~~Home~~
  - ~~Calories~~
  - ~~Macros~~
  - ~~Meals~~
- ~~Final readme scan~~
  - ~~Links~~
  - ~~Images~~
  - ~~Files~~