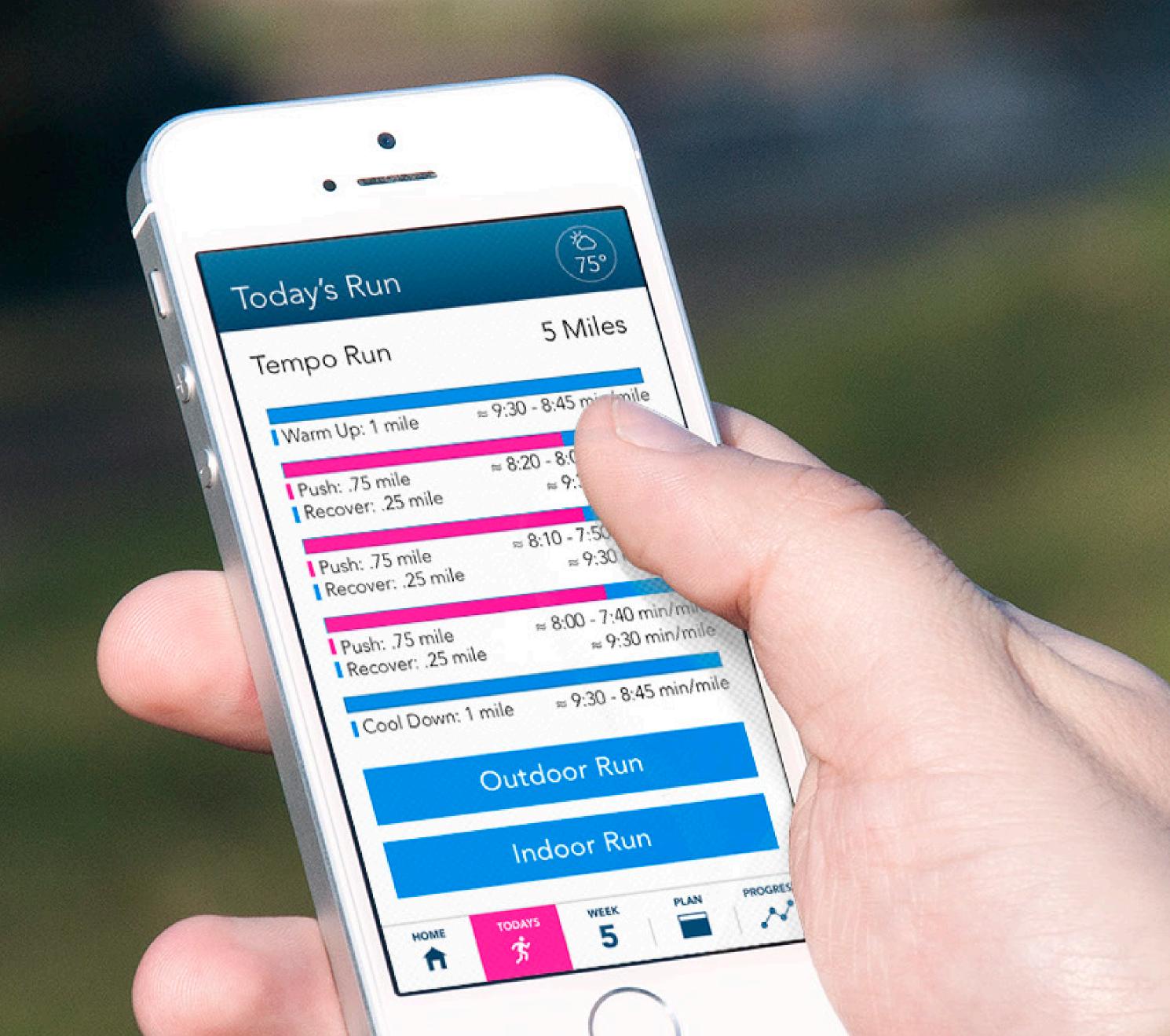


runwithme

Train With Confidence Not Compromise



Inspiration

The idea for this app is derived from my own training experience.

Training for a marathon, I was relying on a desktop program that offered a training plan and using a mobile phone to track my runs. After each run, I'd log onto my account online and transfer the data from my phone to the training program which wasn't very efficient.

Hypothesis

Runners training for a race (5k, 10k, half marathon, marathon) need one app that helps them prepare, tracks their progress and adapts to their schedule.



Problem Statement

Runners need an app that provides a flexible workout schedule, tracks their progress, and adapts to their performance so they can reach their goals with confidence.

Process

ResearchInspirationCompetitive AnalysisInterviews

Personas
Problem Statement
User Flows
Problem Statement
Project Proposal

DevelopmentSitemapWireframePrototypeTest

Revise

Visual DesignPrototypeTestRevise

RESEARCH

Competitive Analysis

Step 1: Select Competition













Step 2: Feature Inventory

	Map My Run	RunTrix (NYRR)	Strava	Nike Plus Run Club	RunKeeper	RunTastic
Description	Track and map every run with MapMyRun. For every mile you go, you'll get feedback and stats to help you improve your performance. Discover new workout routes and save or share your favorites, and get inspired to reach new running goals with a 40 million member strong community of runners. Whether you're a beginner looking to log your first mile or a seasoned runner, you'll find the features and tools you need to stay on track and motivated along the way.	12, 16, and 20 wk programs at three different levels (Conservative, Moderate, Advanced) customized for all abilities. Runners can adjust their training specifics, schedule preparation races, and interact in a social environment with other runners & coaches.	Track your runs and rides with GPS, join Challenges and see how your running and riding compares with friends. • Follow routes you've created or found and view your activity map as you record • Get key stats like distance, pace, speed, elevation gained and calories burned • Collect heart rate, power and cadence data from ANT+ and Bluetooth LE sensors	Your Perfect Running Partner - Nike+ Run Club Nike+ Run Club Dives you everything you need to run better and more often—including GPS tracking details of your run, customized coaching plans that fit your goals and adapt to your progress, and nonstop motivation from your friends. In short: We'll help you reach your goals and have more fun getting there.	Everyone. Every run. Join the community that helps people get out the door and stick with running forever! Track exercise, set goals, sweat, and see progress along the way. Whether you're working your way up to tracking a 5K goal or deep into marathon training, use the GPS app trusted by 50 million users and counting.	Get in shape with the free Runtastic GPS Running & Fitness app and start tracking your fitness activities (distance, time, speed, elevation, calories burned & more) – such as running, jogging, biking & walking using GPS. Plus it's fully optimized for Apple Watch.
Watch	X	X	X	X	X	X
Mobile	X		X	X	X	X
Desktop	X	X	X			
Tracking Time	X		X	X	X	
Track Distance	X		X	X	X	
Record Effort		X		X	X	
Heart Rate Monitor	X		X	X		
Save Run	X	X	X	X	X	
Share Run (social)	X	X	X	X	X	X
Progress Report		X	X	Χ	X	X
Stopwatch – for treadmill					X	
Find Friends	X		X	X	X	
Find Routes	X		X		X	
Training Programs		X	X	X	X	X
Prescribed Workouts		X			X	
Schedule		X				
Flexible Schedule						
Rewards	X	X		X	X	
Challenges	X		X		X	
Tips						
Audio Feedback	X			X	X	X
Music Integrated	X			X		
Leaderboards			X	X	X	X
Premium Version	X		X		X	X
Monthly Subscription	X		X			X
Pay Per Race		X				
Running Shoe Tracker						X
Weather Data		X			X	
Running Groups					X	
Story Runs						X

Competitive Analysis

Step 3: User Experience Design Analysis

I narrowed down the field of competitors and looked beyond features to the design patterns and overall user experience.







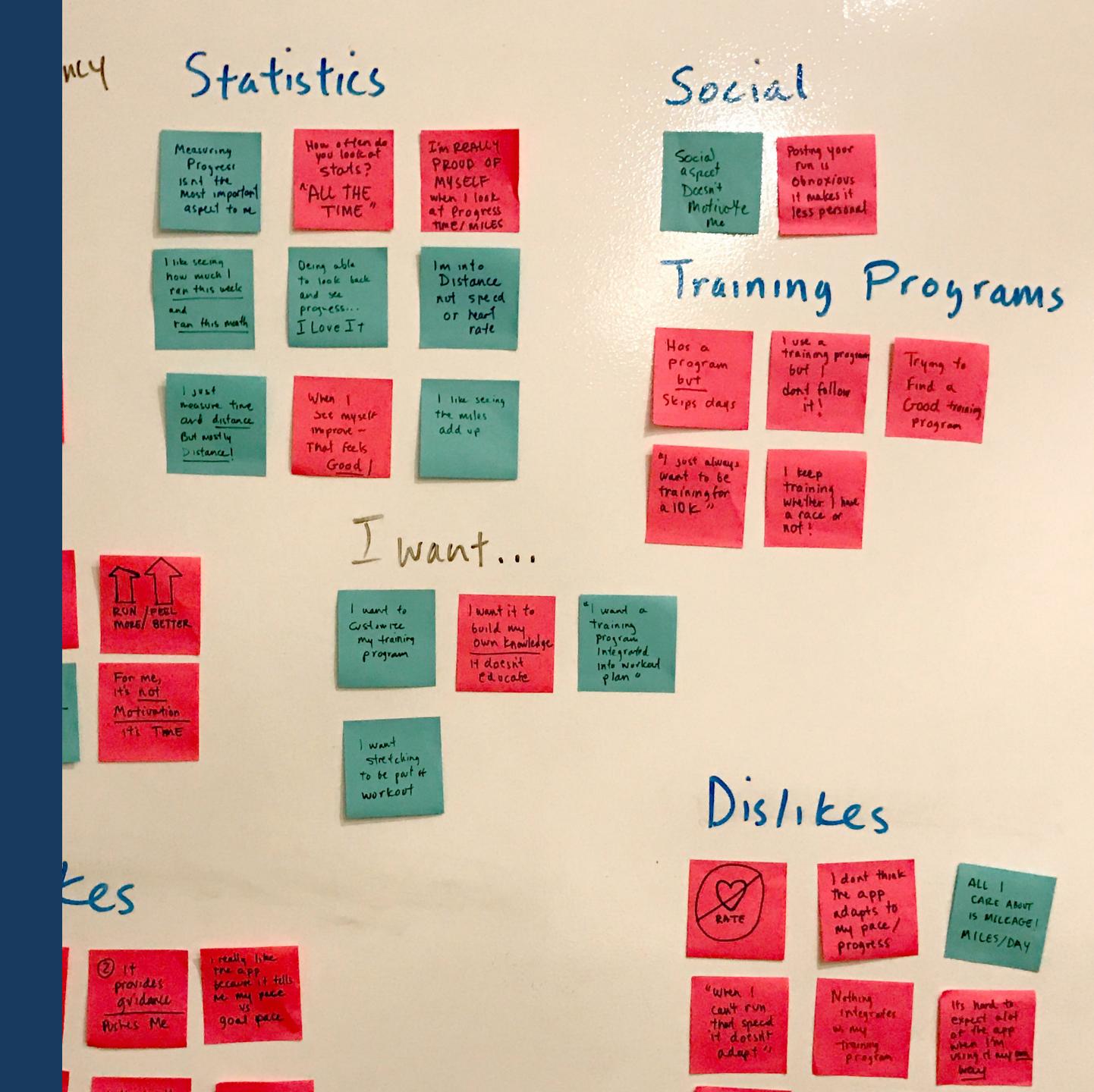
	Poor	Average	Excellent
Templates and Layouts Consistent, clear heirarchy		NRC NRC	R A
Navigation Intuitive orgranization, cohesive IA		NRC NRC	₩ ₩
Overall Experience Emotion, animation, tone		NRC NRC	**A
Functionality	NRC PROPERTY OF THE PROPERTY O	* A A A A A A A A A A A A A A A A A A A	
Accuracy Does it feel reliable	NRC	A CONTRACTOR OF THE PROPERTY O	**

User Interviews

Four interviews were conducted with runners who varied in age and experience, from veteran marathon runners to weekend 3 milers.

Interview Goals

- Determine what motivates people to run
- Determine if progress and tracking progress is appealing to them
- Determine what tools they are using to track their progress
- If they use tools what are their likes/dislikes with them
- Probe on anything that could be missing
- Determine if a rigid schedule is more important than flexibility How do they schedule is it loose or rigid?
- Determine what role community plays in their running habit



DEFINITION

Personas

The Maverick



John 45, Father and Illustrator Runs 3-4 times a week

"All the apps are similar, I chose the one that's easiest to customize"

Current App Start Running PRO

Values

- Progress at own pace
- Flexibility/Customization
- Distance over Speed

Goals

- Increase overall fitness
- Measures progress by distance of run

The Apprentice



Leah 36, Small Business Owner Runs 3-4 times a week

"I don't think the app adjusts to my pace or progress."

Current App
Map My Run PRO / Runners World GO

Values

- Rigid Schedule
- Distance over Speed
- Expert Insights

Goals

- Improvement
- Measuring progress
- Wants to become an expert

The Problem Solver



Mary
29, Marketing Professional
Runs 3-4 times a week

"I just want something that works with my training program"

Current App
Map My Run/ RunTrix

Values

- Reputable Training Program
- Flexible Schedule
- Distance over Speed

Goals

- Training for a Marathon
- Track Progress
- Workouts for Improvement

The Maverick



John
45
Illustrator
Runs 3-4 times a week

"All the apps are similar, I chose the one that's easiest to customize"

Current App Start Running PRO

Values

- Progress at own pace
- Flexibility/Customization
- Distance over Speed

Goals

- Increase overall fitness
- Measures progress by distance of run

Routine

John works from home. Most days he drops his son off at pre-school, heads home, changes and goes for a run. He likes the energy a morning run gives him throughout the day. Running is a luxury for him, he's motivated by the way it makes him feel.

Training

John's not training for a particular race. He's been using a training app designed for beginner runners, but he doesn't follow it. He's been repeating the same workout for weeks until he feels he's ready to move on. He gets to the park, puts on his headphones, listens to music and follows the training programs' audio prompts.

John's feeling great today. He decides to keep running, ignoring the audio directions of the training app. He picks a point he's familiar with and decides he'll continue on to there.

Measuring Progress

When John completes the run he checks the training app to see how far he ran. He's encouraged, he just completed a 4.5 mile run.

"Maybe it's time to try a new workout," he thinks as he heads home.

John measures his progress based on how he feels. He doesn't mind improvising, departing from the workout or changing his schedule.

"It's hard to expect a lot from an app when I'm using it my own way."

"The more I run, the better I feel. That's my incentive."

The Apprentice



Leah
36
Small Business Owner
Runs 3-4 times a week

"I don't think the app adjusts to my pace or progress."

Current App Map My Run PRO / Runners World GO

Values

- Rigid Schedule
- . Distance over Speed
- Expert Insights

Goals

- Improvement
- Measuring progress
- · Wants to become an expert

Routine

Leah runs her own business and sometimes things can get hectic, running helps her clear her head. She enjoys running in the mornings before other commitments get in the way and looks forward to her run days.

"I keep training whether I have a race or not."

Leah completed her first 10k this summer and really enjoyed the training and the sense of accomplishment she felt afterwards. Even though she doesn't have any races in the future, she likes the rhythm of training. Planning ahead and keeping a schedule keeps her motivated.

Training

Leah's training app prescribes workouts and has audio cues to give her feedack on her mileage and pace during each run.

Leah is focused on improvement and tries to follow the workouts as best she can. Sometimes, she feels as though the app is pushing her past her limits and doesn't respond to her progress.

Measuring Progress

After each run, Leah checks her running log and is rewarded when she sees the miles adding up.

"I find the workouts a little confusing and sometimes it asks me to do things I'm not comfortable with, like run at a pace I know I can't do."

"Being able to look back and see progress, to see how many miles I ran this week, this month, I'm really proud of myself."

The Problem Solver



Mary
29
Marketing Professional
Runs 3-4 times a week

"I just want something that works with my training program"

Current App Map My Run/ RunTrix

Values

- Reputable Training Program
- Flexible Schedule
- · Distance over Speed

Goals

- Training for a Marathon
- Track Progress
- Workouts for Improvement

Routine

Mary's an experienced runner, training for her third marathon. She adapts her running schedule around her job and social life.

Mary checks her training schedule in the afternoon on her desktop computer and plans her evening accordingly. Tonight she's prescribed a Hill Run but since she's running on a treadmill, she decides to do a tempo run instead. She looks at the planned workout and wishes she could rearrange the runs in her training plan to match her schedule.

Training

Mary leaves work and heads to the gym. Because she's running on a treadmill, Map My Run can't measure the distance she's going - and the treadmill interface isn't customizable. Mary is unphased, she's used to improvising and completes the prescribed mileage.

When she's done, Mary takes a photo of the treadmill summary screen so she can remember her time. She takes a shower and heads home. Stopping for groceries along the way.

Measuring Progress

The next day Mary logs back into RunTrix on her computer at work, she opens her phone and pulls up the photo of yesterdays' workout and logs the entry. She looks at her workout for today, checks her overall progress, and takes a moment to savor all the miles she's run so far.

"I started with the intermediate plan, but I've been skipping days so it's more like the beginner."

"I follow the workouts when I can, but I'm more concerned with mileage then anything else."

Key Insights

Users need a mobile training app that records their progress and helps them reach their goals.

Users want flexibility so they can reach their goals without compromising their lifestyles.

Users need workouts that are easy to understand so they can complete them with confidence.

DEVELOPMENT

Project Proposal

Target Audience



Runners seeking a training program that measures their progress and adapts to their schedules.

Objectives

In a highly competitive market, success will be measured by frictionless usability and design that inspires a lasting connection.

Key Perfomance Indicators

Love and loyalty. Success will be indicated by habitual use, followed by growing adoption.

Problem Statement

Runners need an app that provides a flexible workout schedule, tracks their progress, and adapts to their performance so they can reach their goals with confidence not compromise.

Key Features

- 1) Daily Workout Detail
- 2) Record Workout
- Treadmill (manual/photo input)
- Outdoor run (live tracking)
- 3) Weekly Detail
- 4) Training Program Overview (12 and 16 week options)
- 5) Personal Progress Dashboard

Secondary Features

- 1) Run customization
- 2) Share Functionality
- 3) Expert tips
- 4) Weather (consider adding this feature to primary)

User Scenario



Mary
The Problem Solver
Wants a flexible schedule
and an integrated training
program

It's Wednesday.

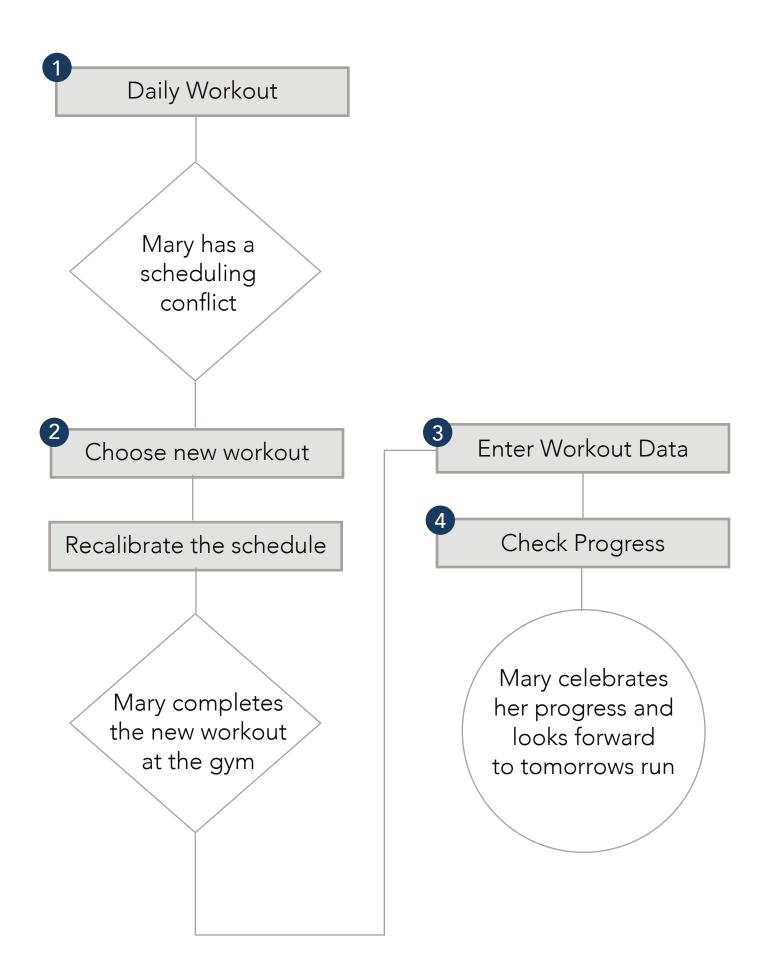
Mary has a busier schedule then expected, she went to work early and skipped her morning run. She's got time go to the gym after work, so she checks her training app.

Today's run is a 9 mile long run. She looks at the week ahead and decides to switch Friday's 5 mile tempo run with today's 9 mile long run.

The app adjusts to the change and shifts around her workouts accordingly.

She hits the gym, hops on a treadmill and completes the run. She checks her mileage for the month and is encouraged by her progress.

USER FLOW



FEATURES

Daily Workout

A page that indicates the days workout in detail and offers a chance to record that workout.

Weekly Schedule

A page that shows the weekly schedule and enables the user to reschedule workouts

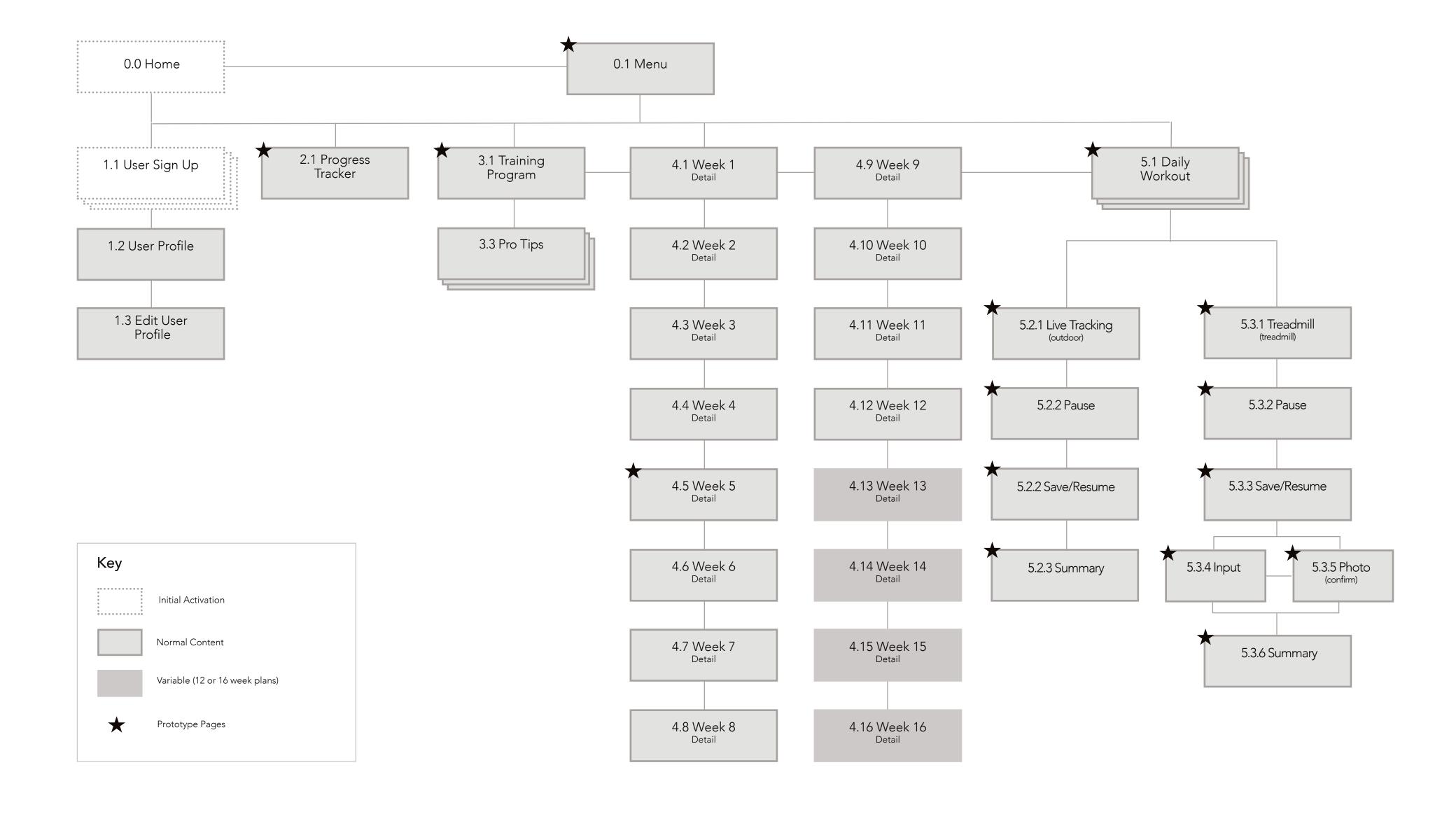
Record Workout

A page that enables the user to take a photo of treadmill results or enter them in after they complete the workout

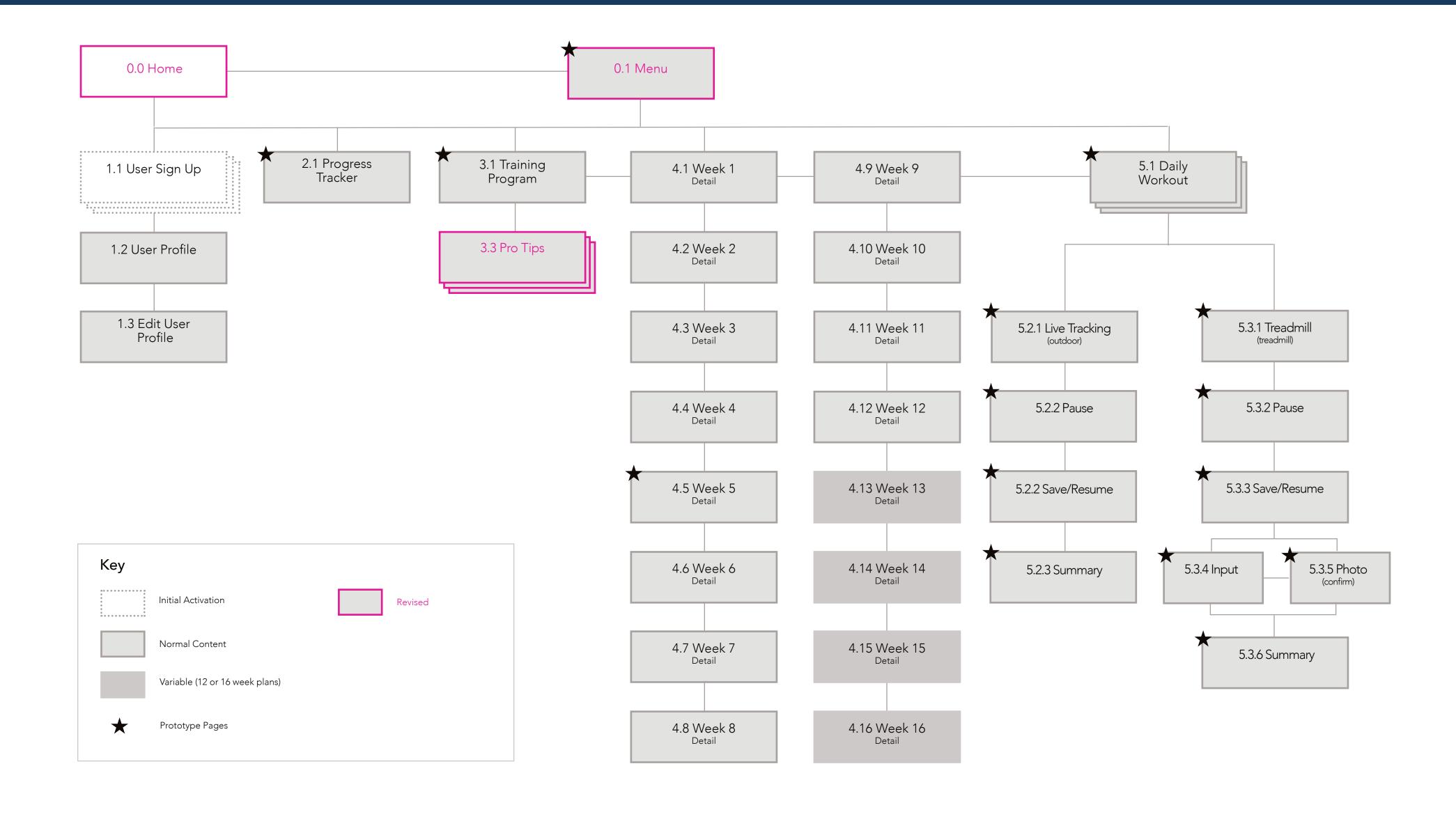
4 Personal Progress

A page for Mary to see her cumulative progress - how far she's come and how far she has yet to go to reach her goal.

Sitemap



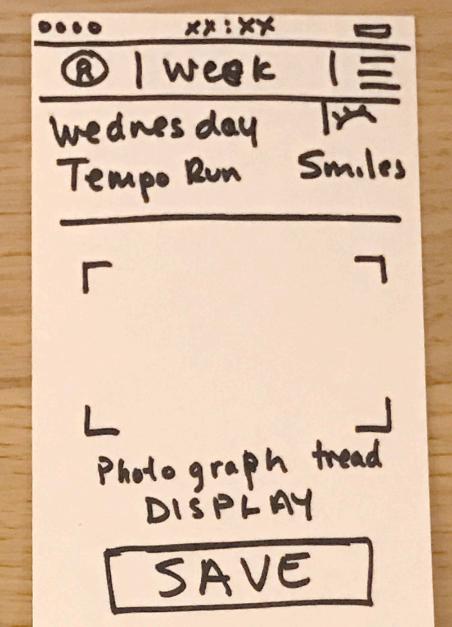
Sitemap Revised

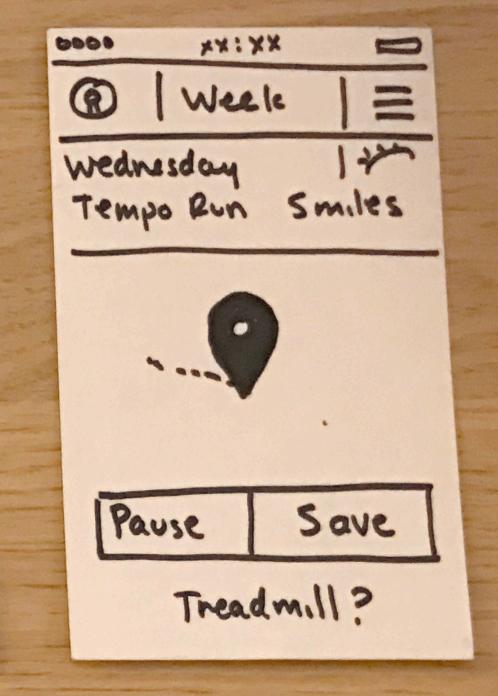


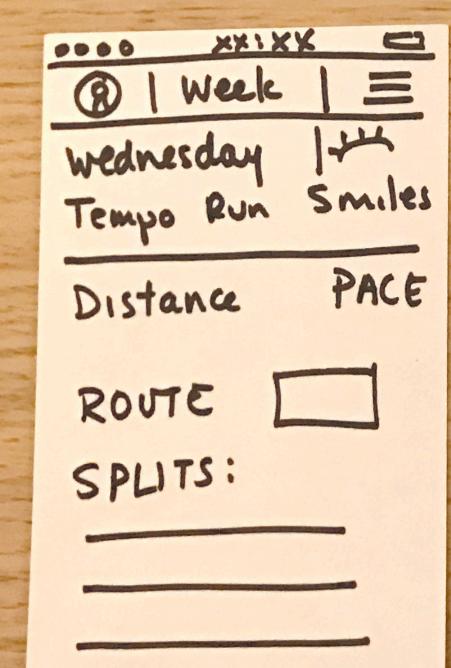
Paper Prototype

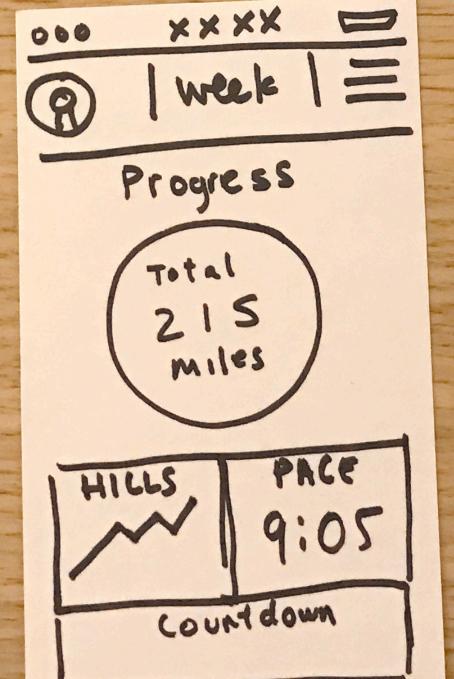
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X
Q User Profile
Progress
Training Program
Todoys Workout
TIPS







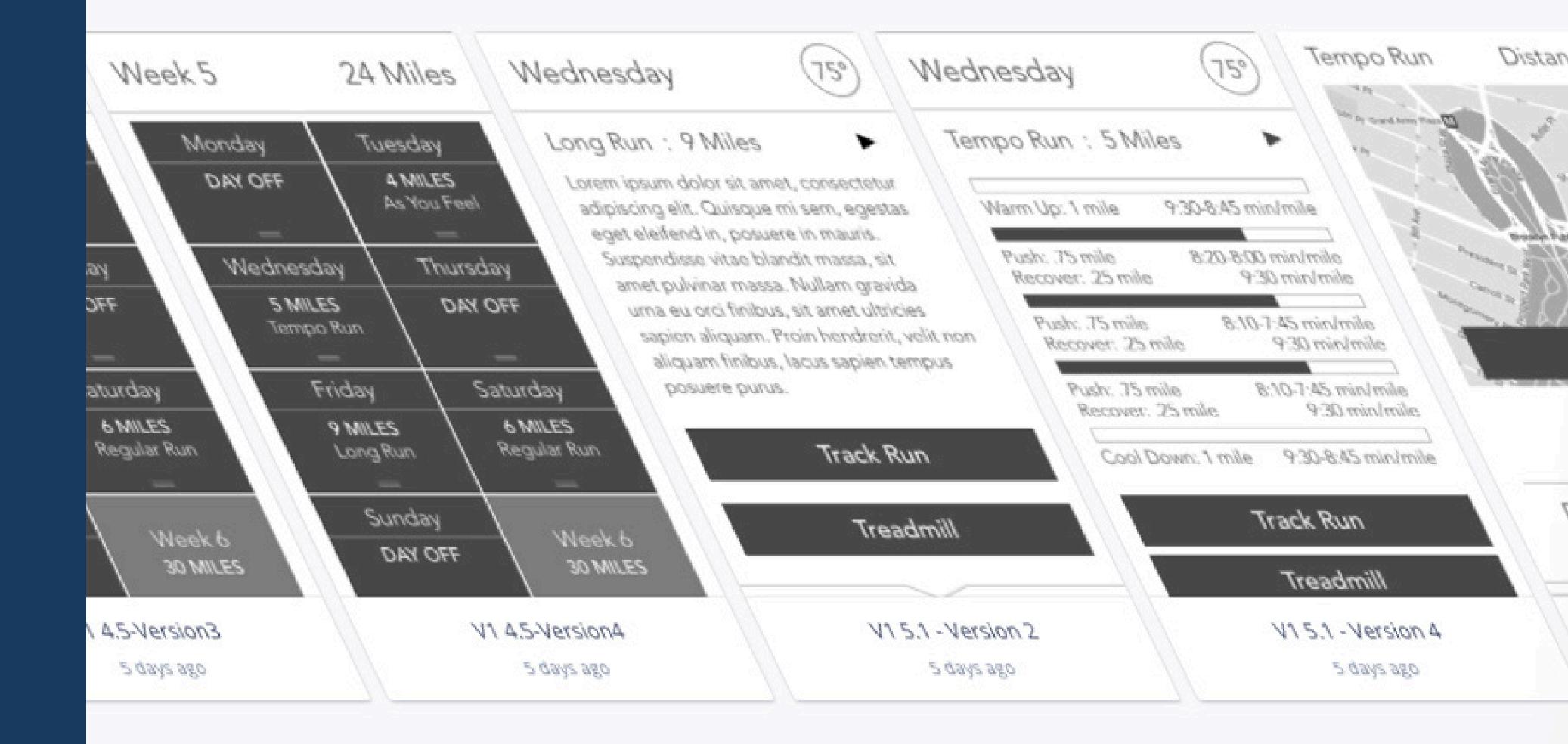


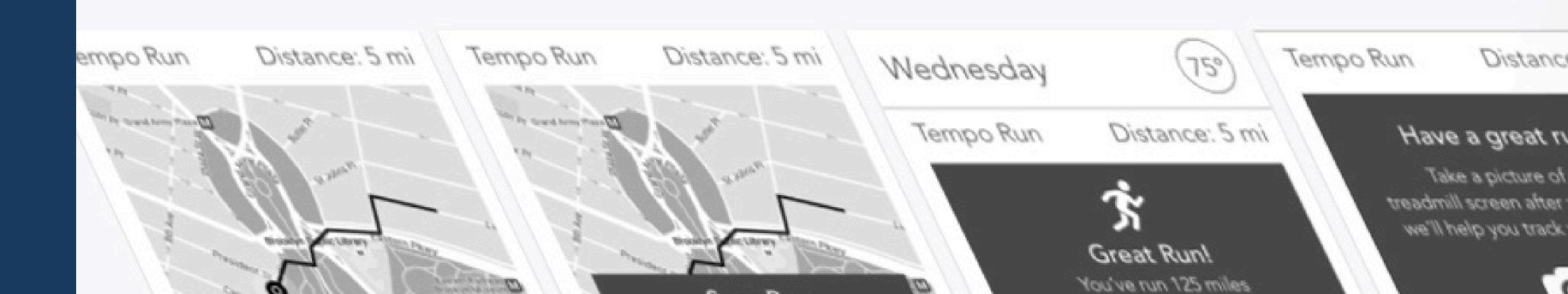


0000 XX.	DODO XX:XX		
@I Week 1=			
Monday	Tuesday		
wedne sday	Thu tiday		
Friday	9		
Sunday	Training		

OOO NXIXK O		
P Week =		
Training Plan		
week 1	2	
3	4	
5	6	
7	8	
a	10	
11	12	

Wireframes

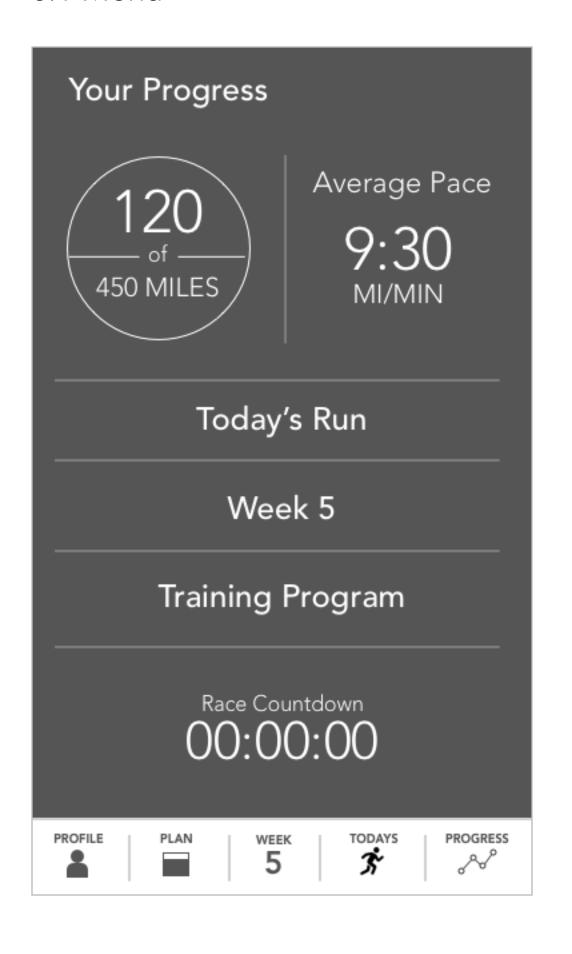




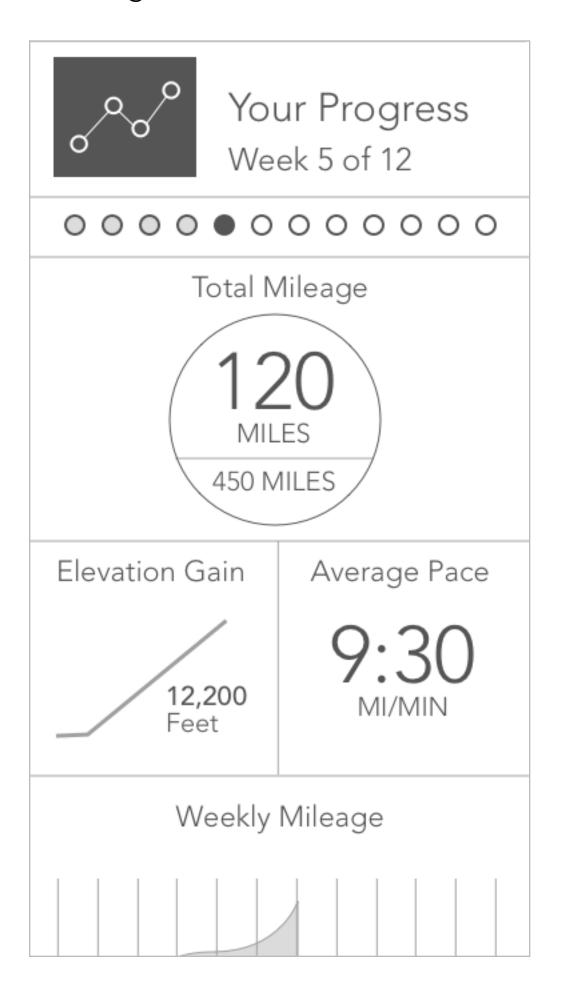
Save Rur

Wireframes

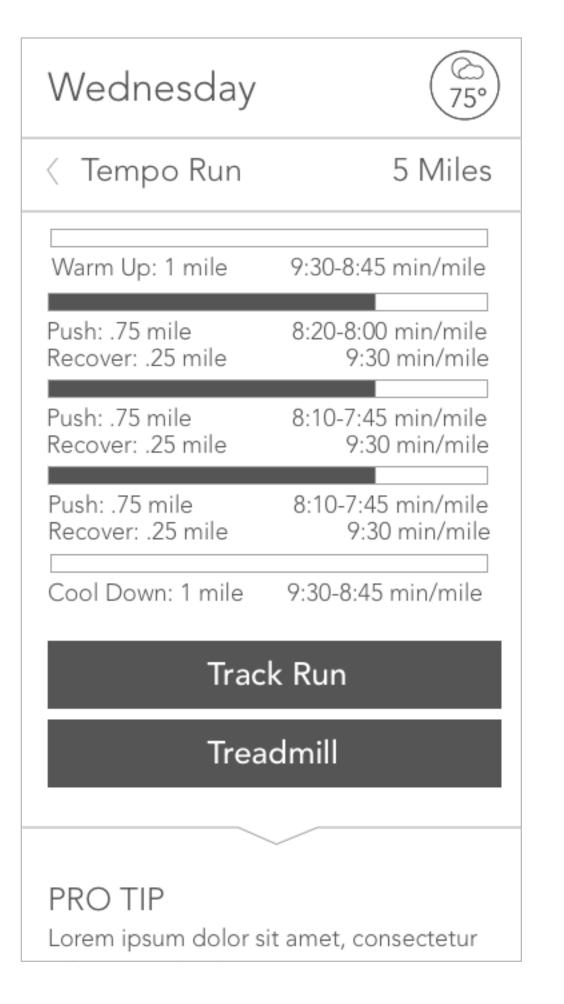
0.1 Menu



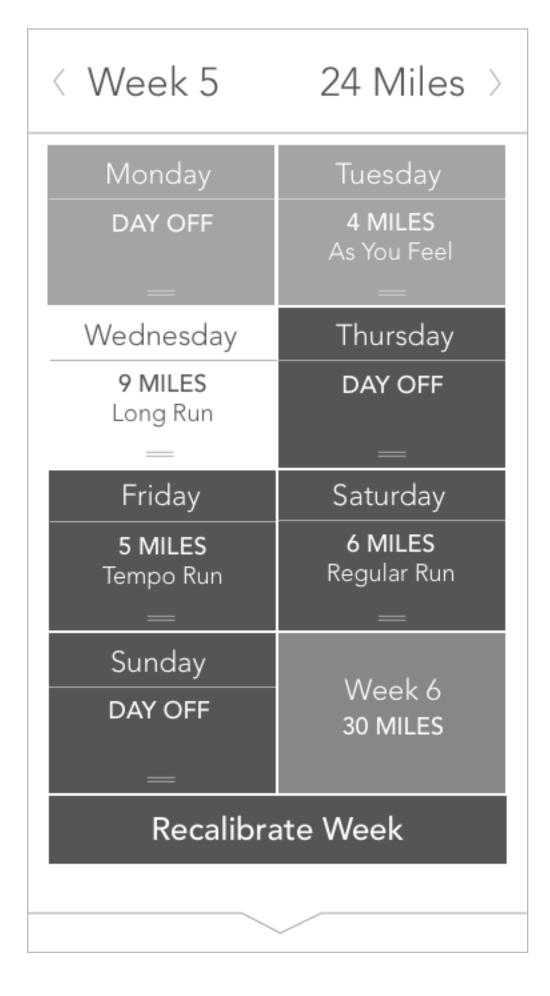
2.1 Progress Tracker



5.1 V2 Today's Run



5.3.6 Treadmill Run Summary



0.1 Navigation Annotated

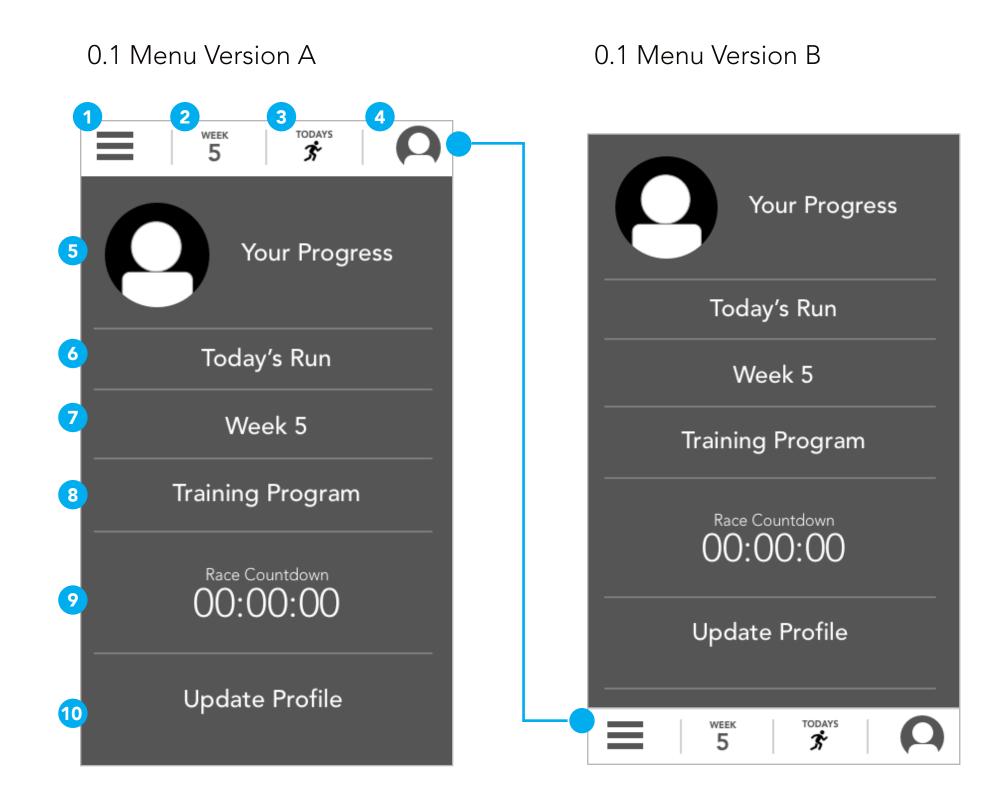
Universal Navigation

- 1 Menu (On State): Links to 0.1 Menu
- 2 Links to 4.X Week X Variable based on week (X=1 through 12 or 16)
- 3 Links to 5.1 Variable content based on Day and Week
- Links to 2.1 Personal Progress
 I think this icon may be misleading

Menu Content

- 5 Links to 2.1- Personal Progress
 I think this icon may be misleading
- 6 Links to 5.1 Today's Run DEFAULT LANDING PAGE
- 7 Links to 4.X Week X
 VARIABLE BASED ON WEEK
- 8 Links to 3.1 Training Program
 VARIABLE BASED ON TRAINING PROGRAM
- 9 Race CountdownBased on day of Race in User Profile
- 10 Links to 1.2 User Profile

The initial round of testing included an A & B test to determine wherether a global nav pinned to the top or bottom is most effective.

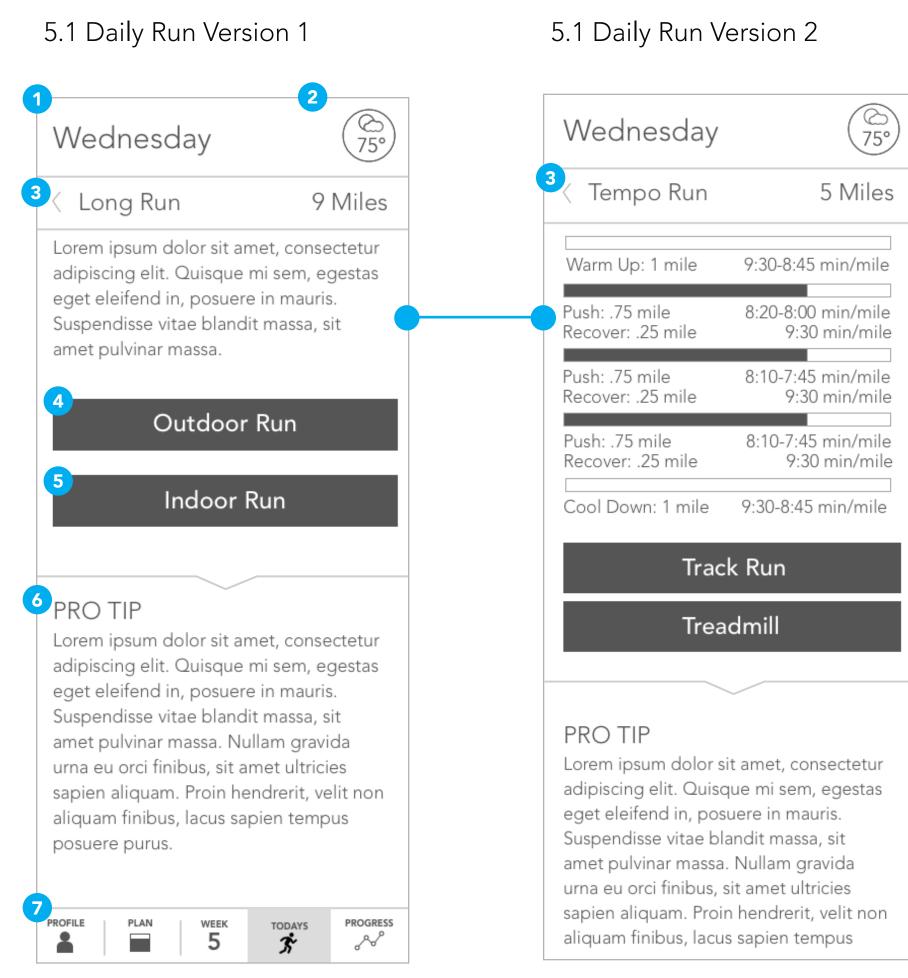


5.1 Daily Run Annotated

- 1 Day Variable content based on user's calendar
- 2 Temperature Variable content based on location
- 3 Run Derived from the training program this content is modular and can be switched through the relevant week (4.X)
- 4 Links to 5.2.1 Live run tracking
- 5 Links to 5.3.1 Links to treadmill timing/ tracking
- 6 Pro Tip Content this is variable content based on Run content and week.
- 7 Universal Navigation Links include Menu, Week X, 5.1, and links to Progress

5.1 is the default page for users once the training program has been initiated.

5.1 is the home screen for a returning user.

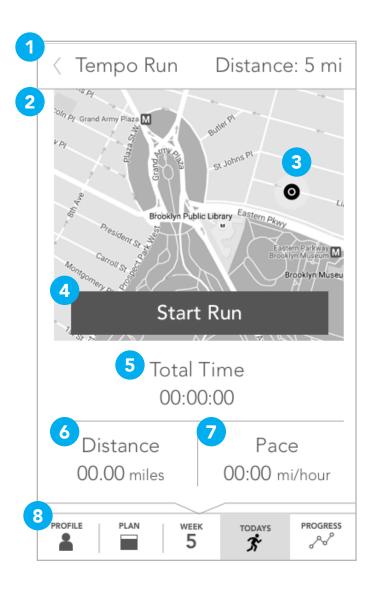


5.2 Outdoor Run Annotated

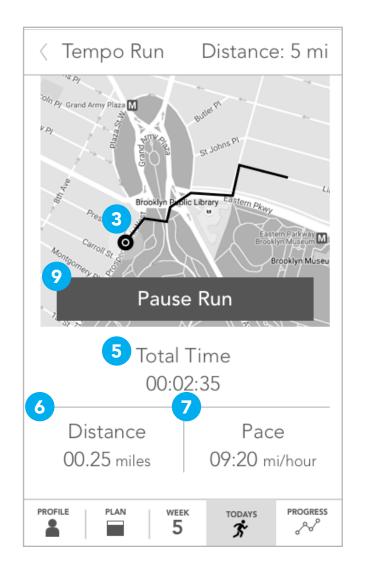
5.2.2.1 Outdoor Run: Start

- 1 Run Derived from the training program this content is modular and can be switched through the relevant week (4.X)
- 2 Map GPS enabled app, detects user position and tracks progress
- 3 User Location indicates users position on the map
- 4 Start Run triggers the timer (5) and begins live GPS tracking to determine pace and time. Links to 5.2.2
- 5 Timer this tracks total time of run effected by (9) Pause, (11) Resume, (10) Save Run
- 6 Distance tracks distance based on GPS tracking
- 7 Pace Distance/Time determines pace in miles per minute or kilometers per minute based on location
- 8 Universal Navigation Links include Menu, Week X, 5.1, and links to Progress
- 5.2.2 Outdoor Run: Pause Triggered by (4) Start Run
- 9 Pause Links to 5.2.3. Temporarily stops (5) Timer
- 5.2.3 Outdoor Run: Save/Resume Run Triggered by (9) Pause Run
- 10 Save Run Links to 5.2.4. Stops (5) Timer, Stops (6) Distance and determines final (7) Pace
- 11 Resume Run Links to 5.2.2. Resumes (5) Timer.
- **5.2.4 Outdoor RunL Summary** Triggered by (10) Save Run
- 12 Date/Temp Variable.Pulled from 5.1
- 13 Summary Links to 2.1. Offers total miles ran.
- Splits Offers a break down of pace per mile or per kilometer

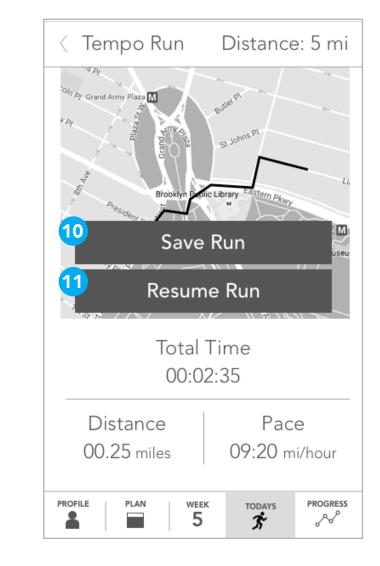
5.2.1 Outdoor Run: Start



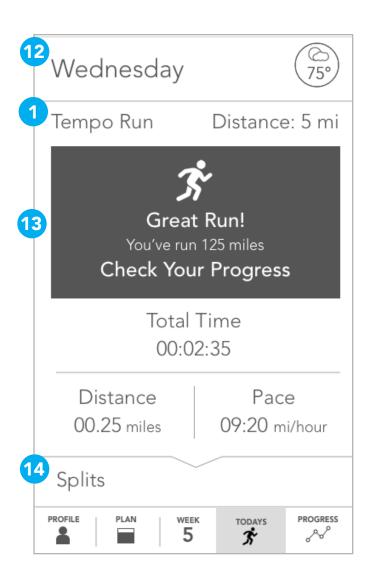
5.2.2 Outdoor Run: Pause



5.2.3 Outdoor Run: Save



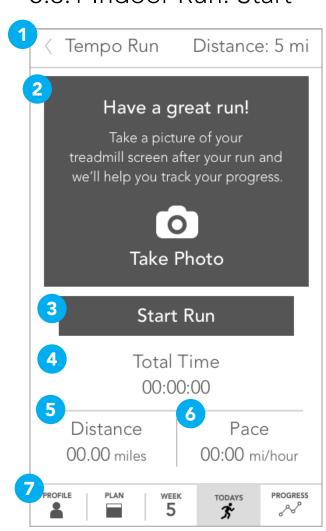
5.2.4 Outdoor Run: Summary



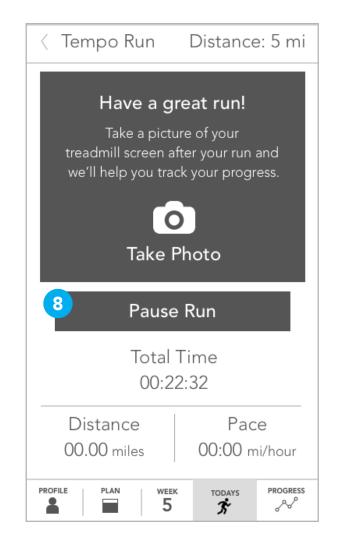
5.3 Indoor Run Annotated

- 5.3 Indoor Run: Tracking
- 1 Run Derived from the training program this content is modular and can be switched through the relevant week (4.X)
- 2 Take Photo Link to 5.3.5. Triggers native camera with a limited view finder
- 3 Start Run Links to 5.2.2. Triggers the timer (5)
- 4 Timer this tracks total time of run effected by (9) Pause, (11) Resume, (10) Save Run
- 5 Distance remains blank until 5.3.4 or 5.3.5 either populated by user input or photo recognition
- 6 Pace Distance/Time determined at 5.3.6 when Distance and time are confirmed.
- Universal Navigation Links include Menu, Week X, 5.1, and links to Progress
- **5.3.2 Indoor Run: Pause-** Triggered by (4) Start Run
- 8 Pause Links to 5.2.3. Temporarily stops (5) Timer
- 5.3.3 Indoor Run: Save/Resume Run Triggered by (9) Pause Run
- 9 Save Run Links to 5.3.4. Stops (5) Timer
- 10 Resume Run Links to 5.3.2. Resumes (5) Timer.
- **5.3.4 Indoor Run: Input** Triggered by (9) Input Run
- 11 User Inputs Time/Distance/Pace
- 12 Save Run Links to 5.3.6
- 5.3.5 Indoor Run: Photo Input Triggered by (2) Take Photo
- 13 Displays camera/photo
- 14 Data input via photo recognition
- 15 Save Links to 5.3.6

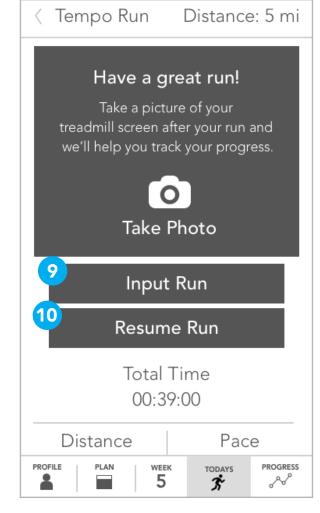
5.3.1 Indoor Run: Start



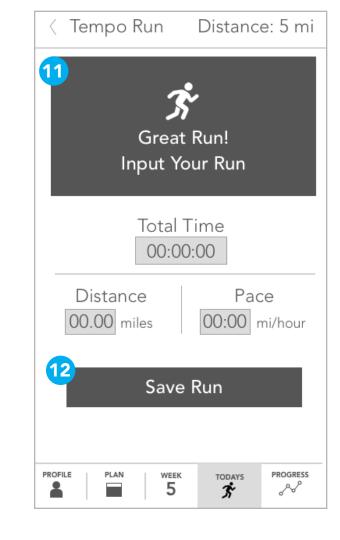
5.3.2 Indoor Run: Pause



5.3.3 Indoor Run: Save



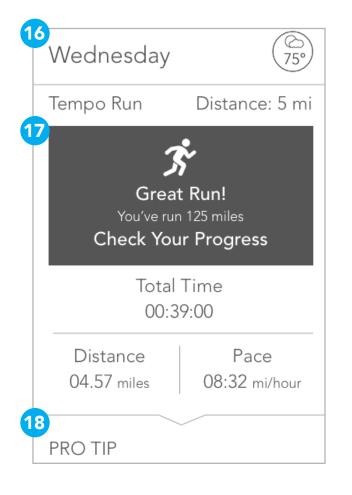
5.3.4 Indoor Run: Input

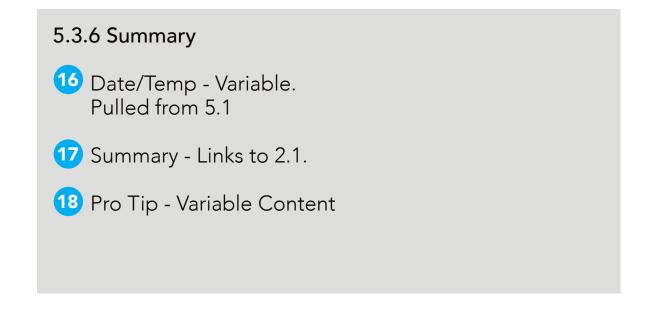


5.3.5 Indoor Run: Input



5.3.6 Indoor Run: Summary





Usability Testing



User Tasks for Usablitly Tests

Task 1

Imagine you're training for a race and you're on week 5 of a 12 week training program.

Every week the training program assigns you a schedule of runs and days off.

Let's say today is Wednesday, you open your training app to check your run.

[Screen 5.1]

Can you tell what your scheduled run is for today?

[Screen 5.1]

Can you check the schedule for the week?

Task 2

As an experienced runner you know that it's not as important to follow the training regimen every day - but it is important to match the prescribed number of miles per week.

[Screen 4.5]

What if you were too busy to fit in today's scheduled run and you wanted to swap it with another run - how would you go about changing it?

[Screen 4.5]

Let's say you wanted to switch today's run with Friday's run - how would you do that?

Task 3

Now, you've successfully switched today's run to Friday's run.

You're going to the gym tonight because it's raining.

[Screen 5.1 v2]

Can you walk through the steps you would take to record that run?

[Screen 5.3.6]

Can you show me how you would check your overall progress with your training program?

Testing Results

Today's Run

- 1 There was an impulse to want to swipe left and right for other run choices and/or days
- 2 Noted there was too much copy
- 3 Track Run vs. Treadmill although they were clear they don't seem to be the same
- This icon is misleading it implies "User Profile" not "Your Progress"

Menu

Discussed heirarchy of items and specificity
Should it go - Your Training Program, Your Week, Your Day
or Day, Week, Training Program...

This is organized by projected amount of interactions - so the order should stay this way...

Your Week

- Orag and drop interface made sense
 But there should be a "recalibrate" button where you see
 the week adjusting to the changes you made...
- 7 Noted that there should be a different color to indicate completed and upcoming runs

Training Program

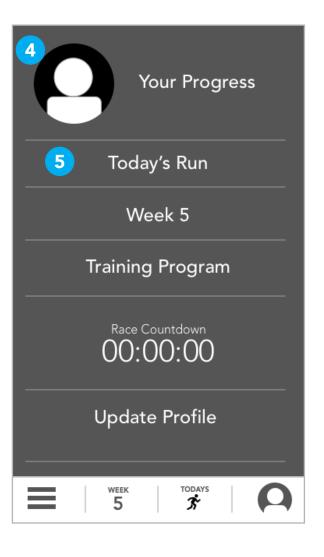
8 Liked the symmetry between weeks and overall training program.

Noted carrying over completed, upcoming and current color coding.

5.1 Todays Run



0.1 Menu



4.5 Week 5



3.1 Training Program

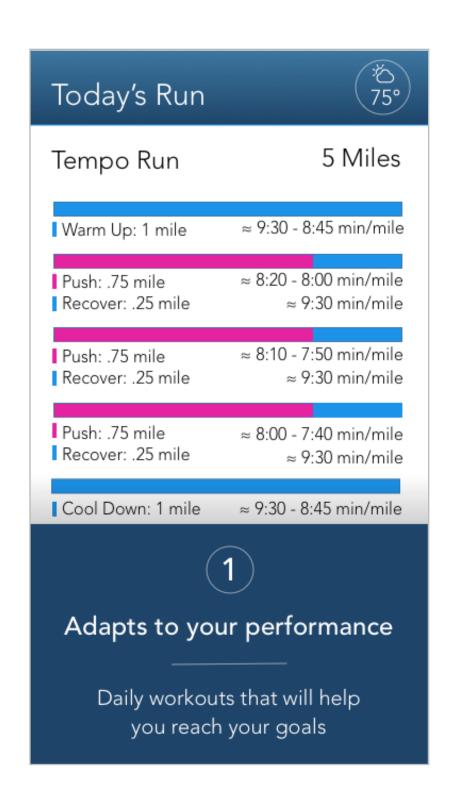


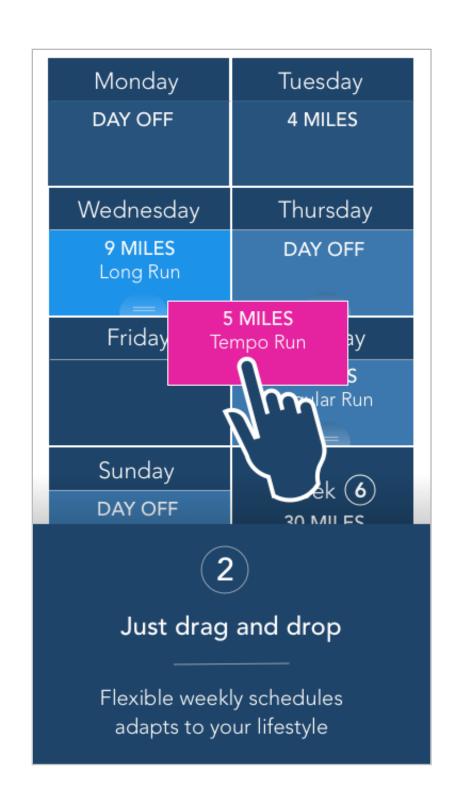
VISUAL DESIGN

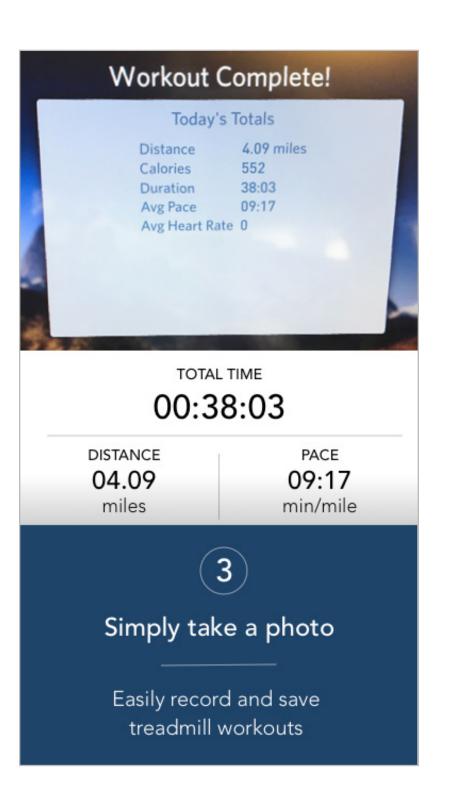


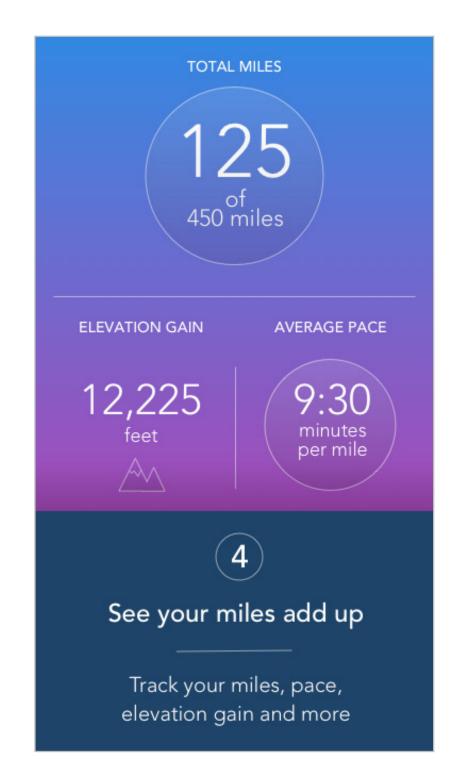
Onboarding











Landing Page Exploration

It was important to consider how the user will interact with the app on a day-to-day basis.

What is the most engaging and emotionally resonant experience?

Version 1:

Utility - this is the default screen on many of the competitors apps.

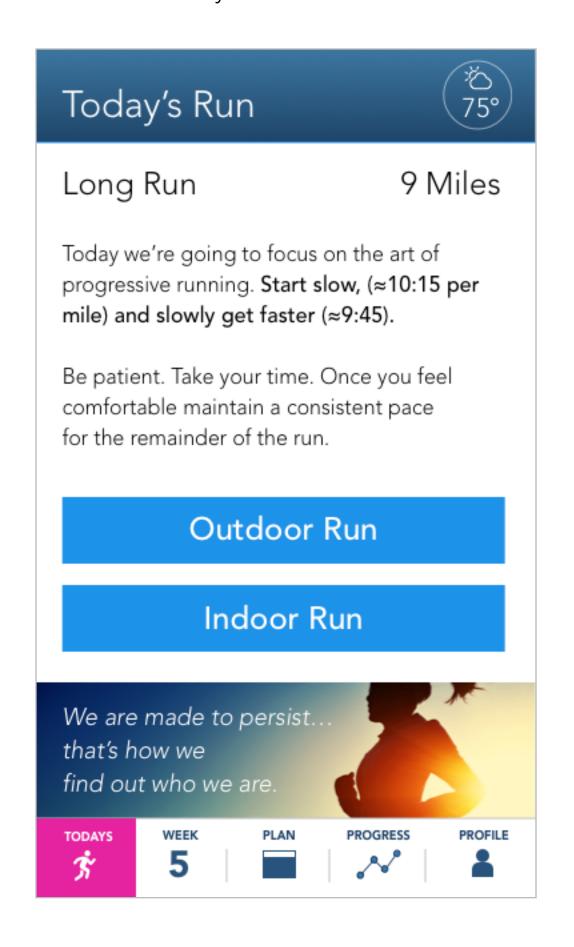
Version 2:

Menu - a neutral place from which to navigate

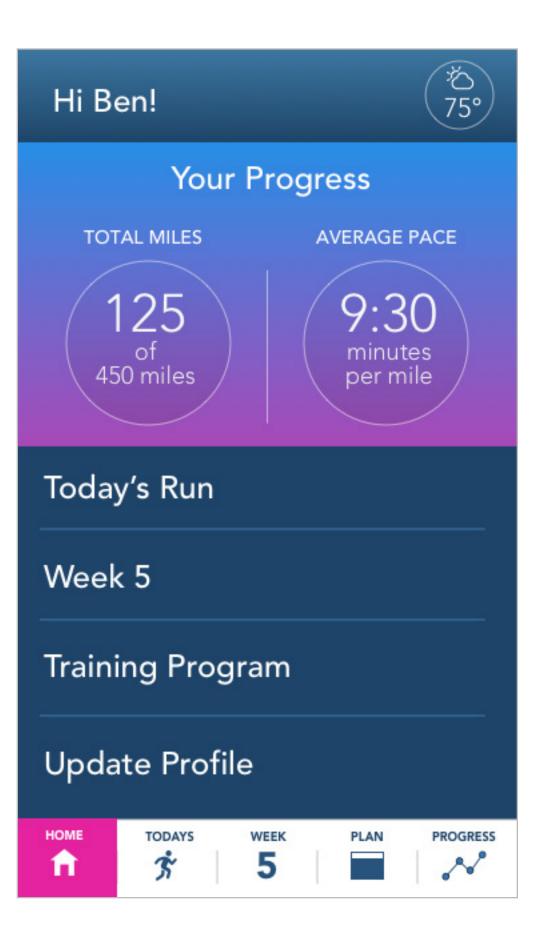
Version 2:

Dashboard - a hybrid, combining aspects of utility and menu.

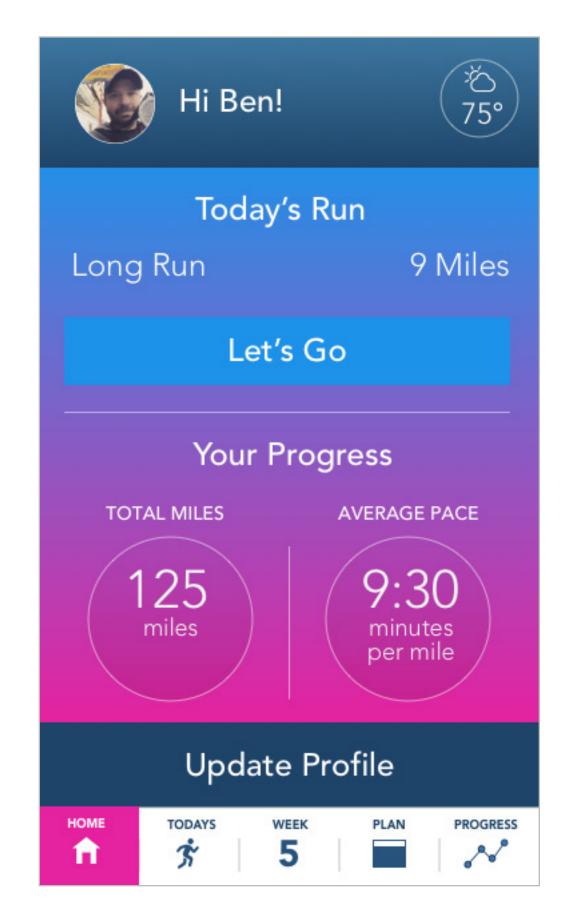
Version 1: Today's Run



Version 2: Menu



Version 3: Dashboard



Exploring Affordances for Drag and Drop

The app needed to offer users an opportunity to change their daily run based on their schedules and recalibrate their training regimen accordingly.

The challenge was to provide an easy way to swap one run with another during the week. However, drag and drop functionality proved challenging to intuit.

Visual design offered the opportunity to explore different affordances to make the functionality clear. Version 1

Week 5	24 Miles	
Monday	Tuesday	
DAY OFF	4 MILES	
Meow	Good Job!	
Wednesday	Thursday	
5 MILES Tempo Run	DAY OFF	
Friday	Saturday	
9 MILES Long Run	6 MILES Regular Run	
Sunday		
DAY OFF	Week 6 30 MILES	
Recalibrate Week		

Version 2

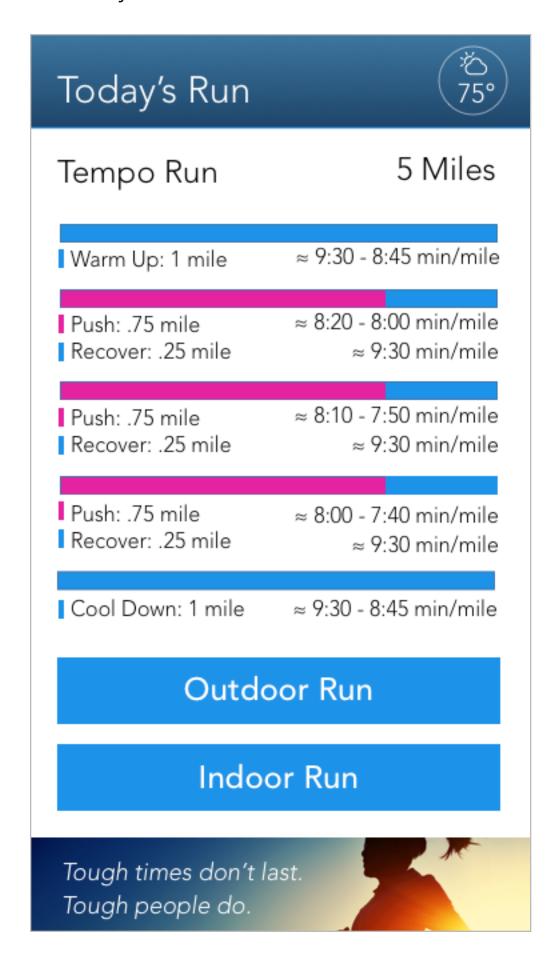
Week 5	24 Miles	
Monday	Tuesday	
DAY OFF	4 MILES	
Meow	Good Job	
Wednesday	Thursday	
9 MILES Long Run	DAY OFF	
⊕	⊕	
Friday	Saturday	
5 MILES Tempo Run	6 MILES Regular Run	
⊕	⊕	
Sunday	Week (6)	
DAY OFF	30 MILES	
Recalibrate Week		

Version 3

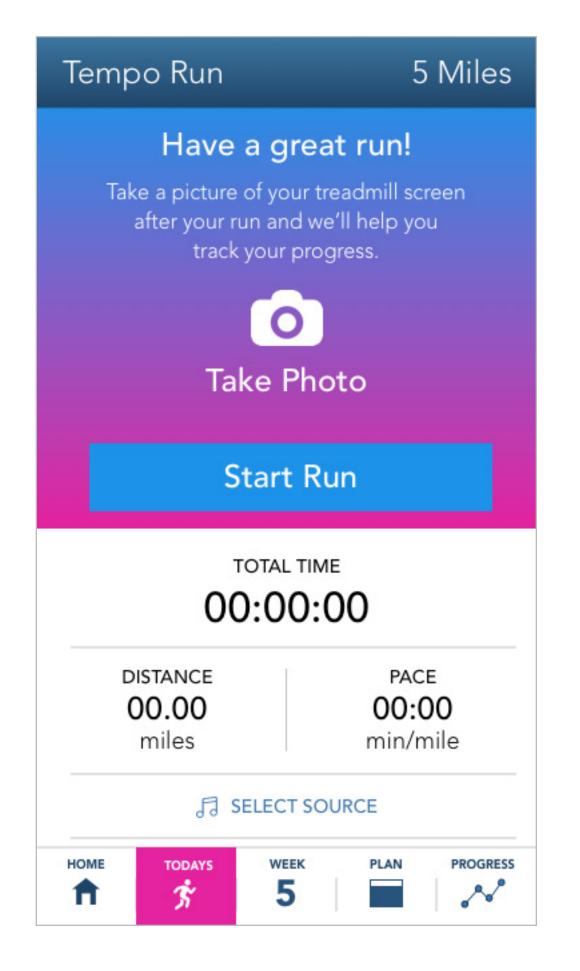
Week 5	24 Miles	
Monday	Tuesday	
DAY OFF	4 MILES	
Meow	Good Job	
Wednesday	Thursday	
9 MILES Long Run	DAY OFF	
(0)	⟨• ⟩	
Friday	Saturday	
5 MILES Tempo Run	6 MILES Regular Run	
(0)	⟨• ⟩	
Sunday	Marala (1)	
DAY OFF	Week 6 30 MILES	
(●)		
Recalibrate Week		

Other Key Features

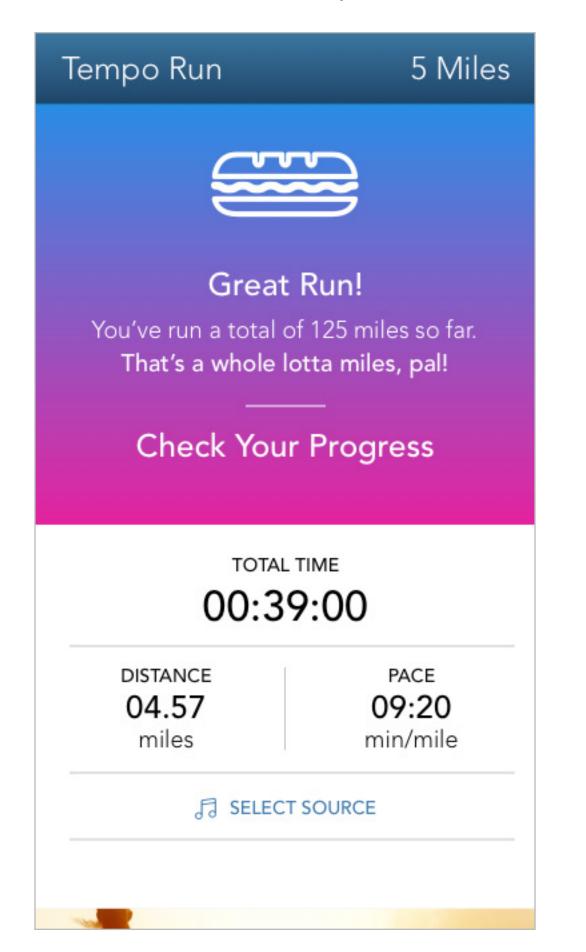
5.1 Daily Run



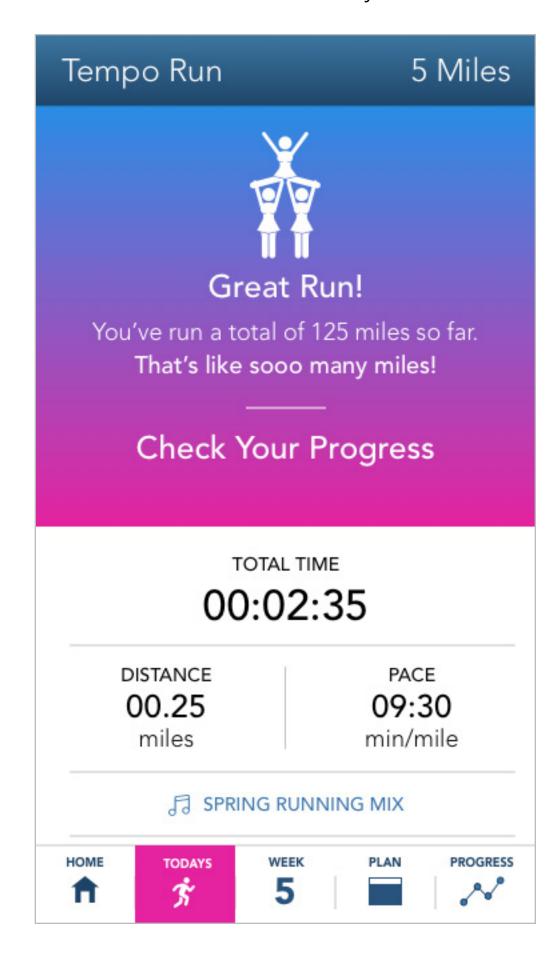
5.3.1 Indoor Run



5.3.6 Indoor Run: Summary

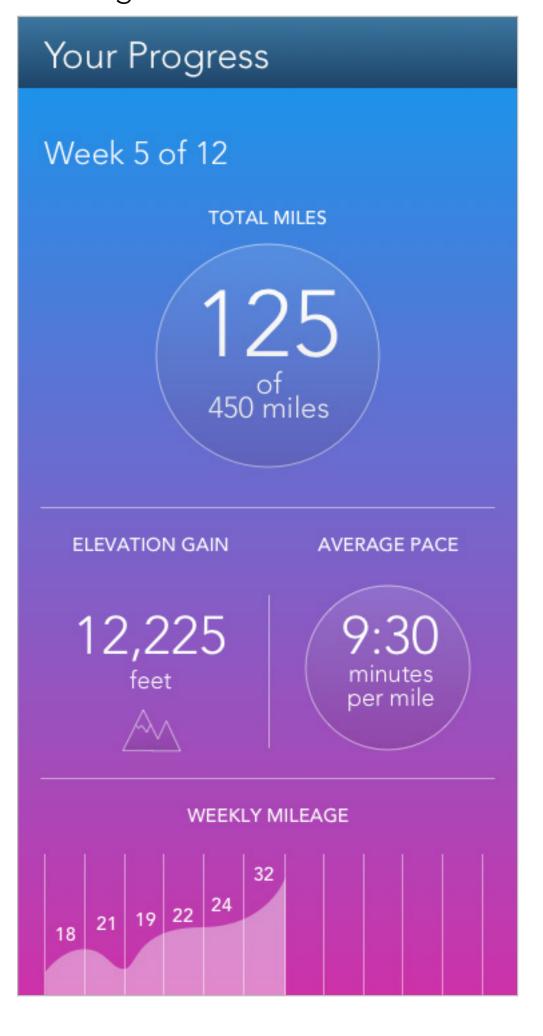


5.2.4 Outdoor Run: Summary

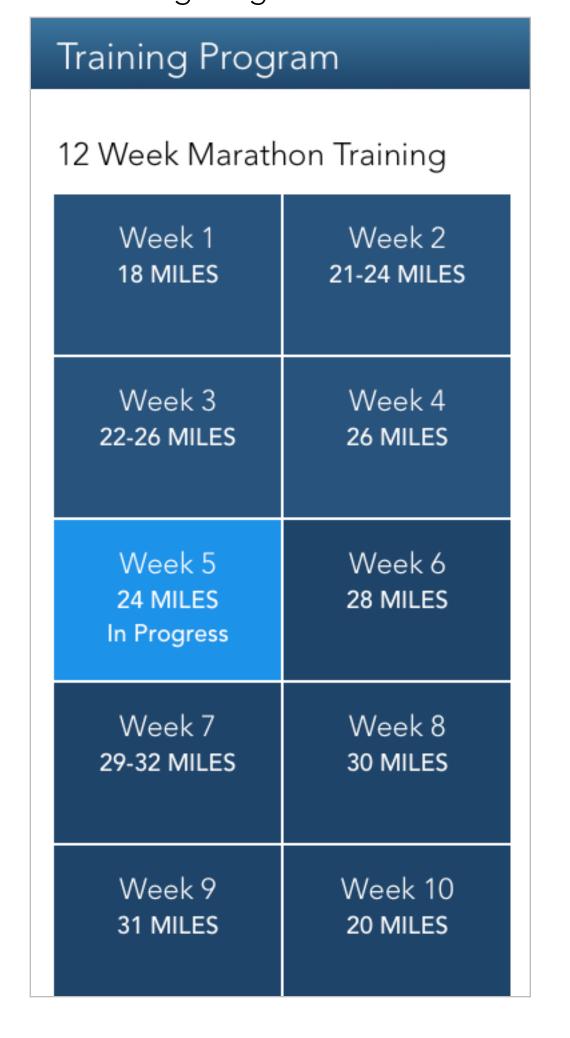


Visual Design

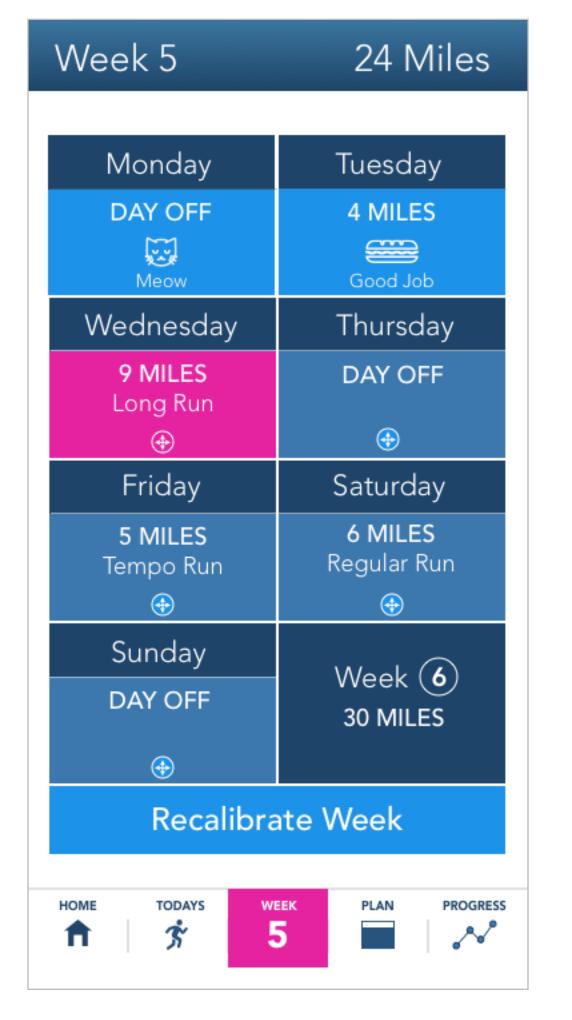
2.1 Progress Tracker



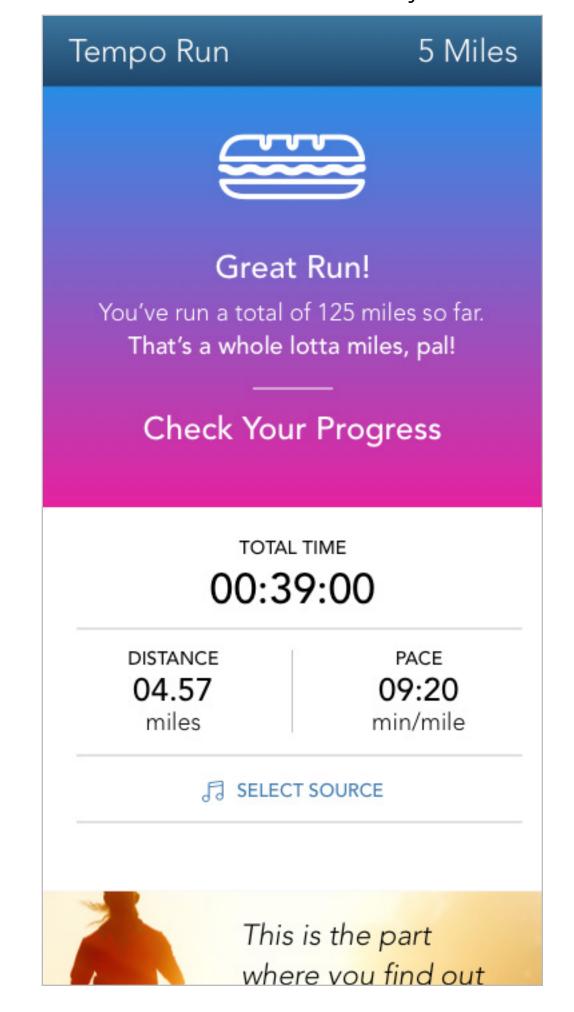
3.1 Training Program



4.5 Week 5



5.2.4 Indoor Run: Summary



Final Prototype

https://invis.io/TR9LT8WDW#/210646742_0-0

Questions?

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