

ChronoLink

Mobile Application



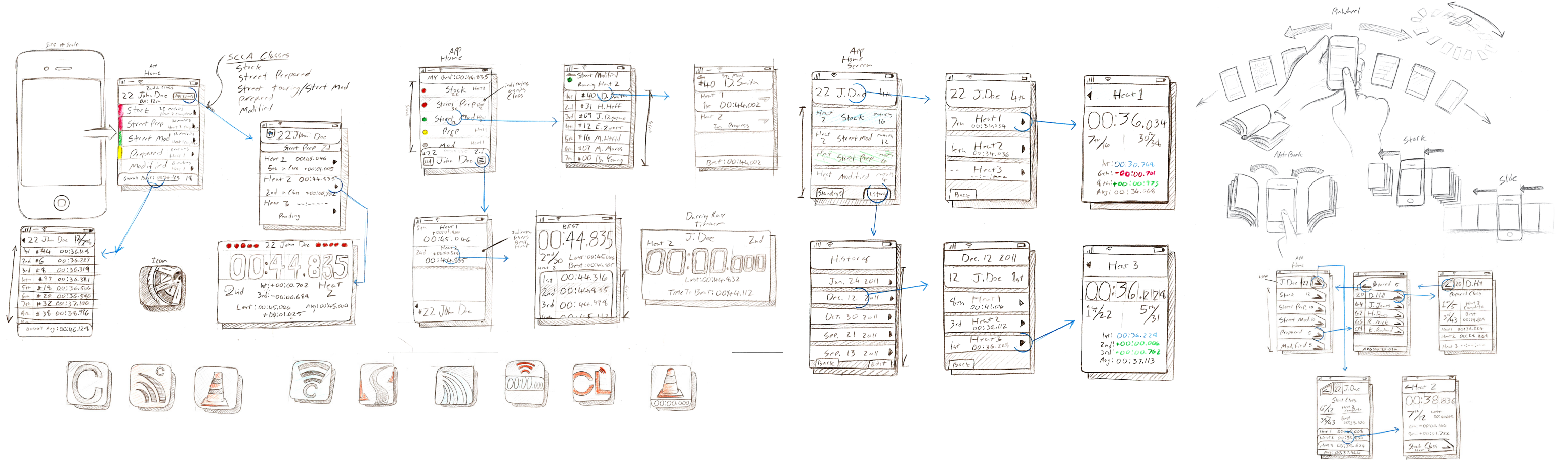
UI/UX Design

The new ChronoLink mobile application will function on the same basic principles as the original ChronoLink system. The same software used with the original system to transmit official timing data from the timing computer over a WiFi network can be used with the new mobile application. The advantages of a smart phone based ChronoLink system is greater user involvement and advanced data logging. The users/drivers will have to locate the official WiFi network in which the official timing system is connected. After the connection as been made, the ChronoLink application will connect to the timing system and retrieve the information per the user's name or assigned number. The ChronoLink application will also keep a history of the users/drivers past events and standings. A full list of the classes, drivers, and standings can all be filtered through easily on the application as well. The following will describe the interface of the ChronoLink application and it's basic functions.



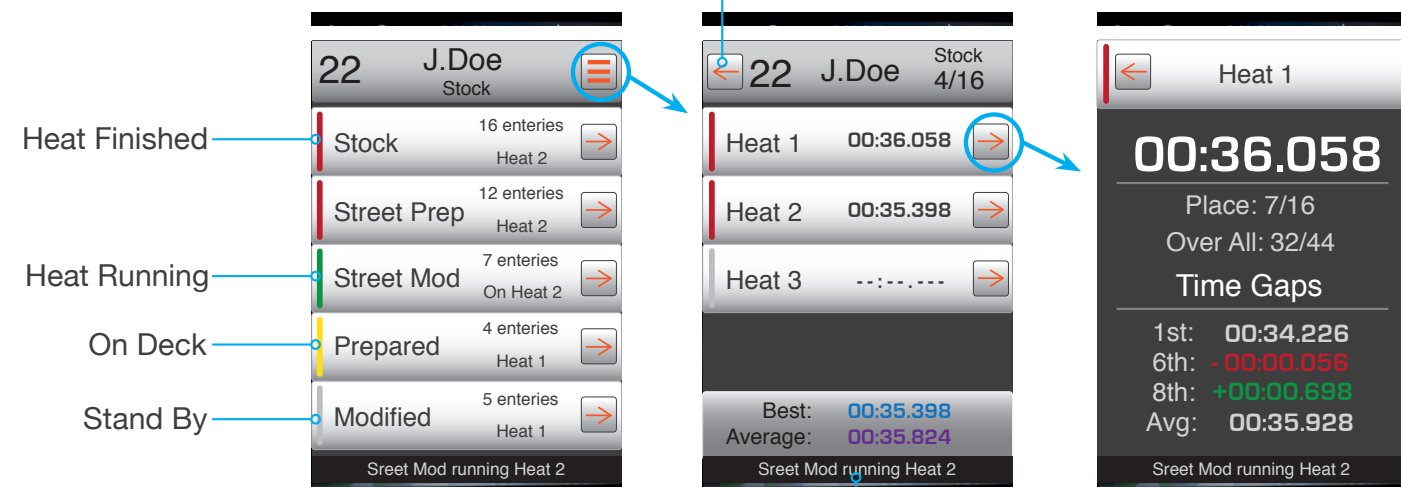
Development

Sketches were used to develop rough ideas for information layout, spacing, themes, and flow. The layout of touch sensitive areas as well as ideas for the way each menu flowed into another was also looked into. Home screen icons were sketched to figure out the best use of space. Each screen was drawn at roughly 1:1 scale. Two initial concepts were done up using ideas generated from sketching. The first uses button style navigation while the second uses a direct-touch system.



Concept 1

Back



News Reel

Concept 2

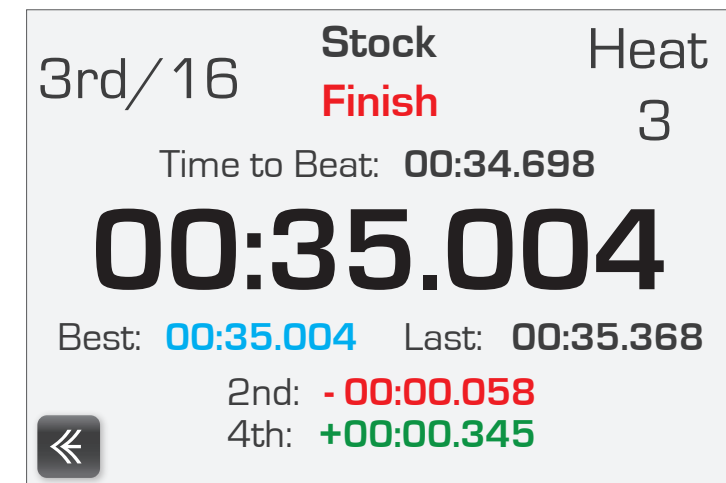
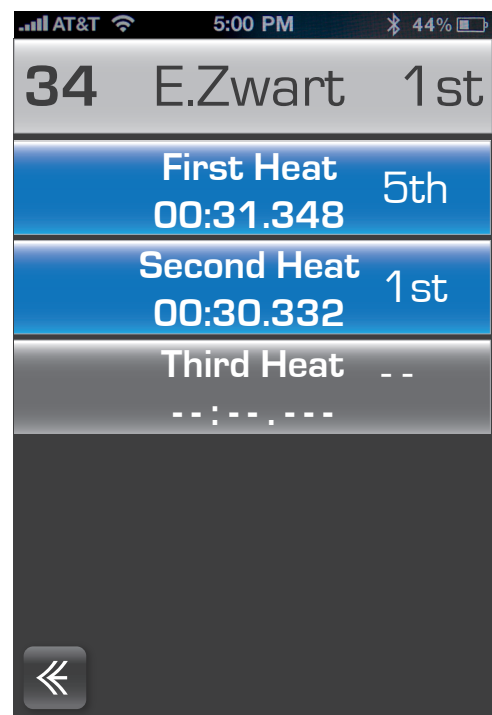
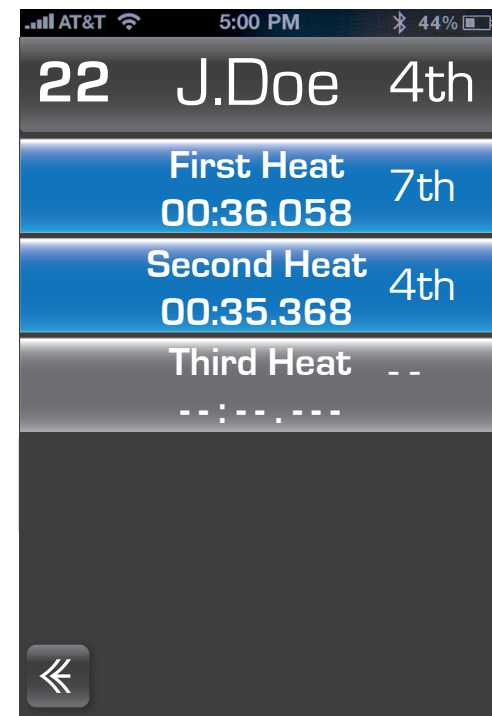
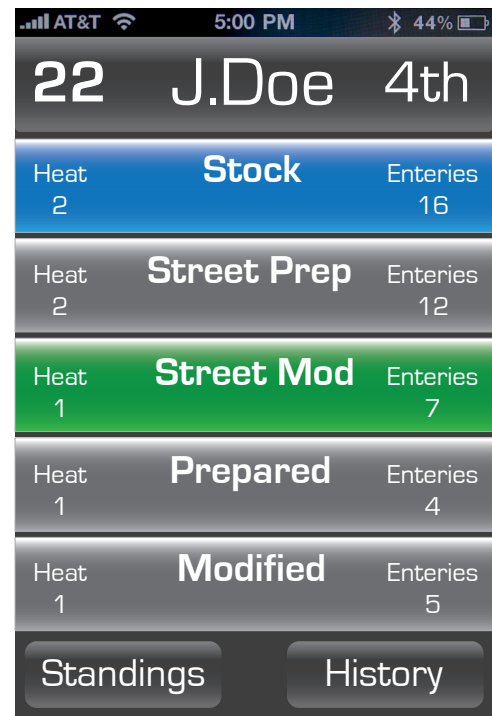


Sketches & Initial Concepts

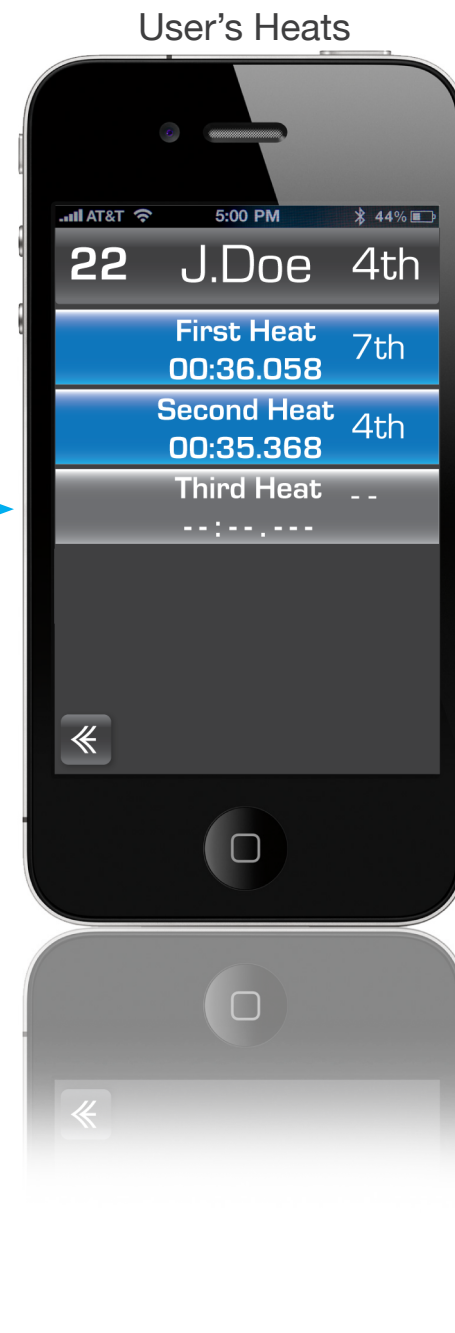


Finalization

The final concept based off the second initial concept. Some refinements in color, layout and navigation were made to complete the final look and theme. Eurostile became the chosen typeface for it's more aggressive appearance. These screen shots show demonstrate how the theme is used in various menus.



Final Concept

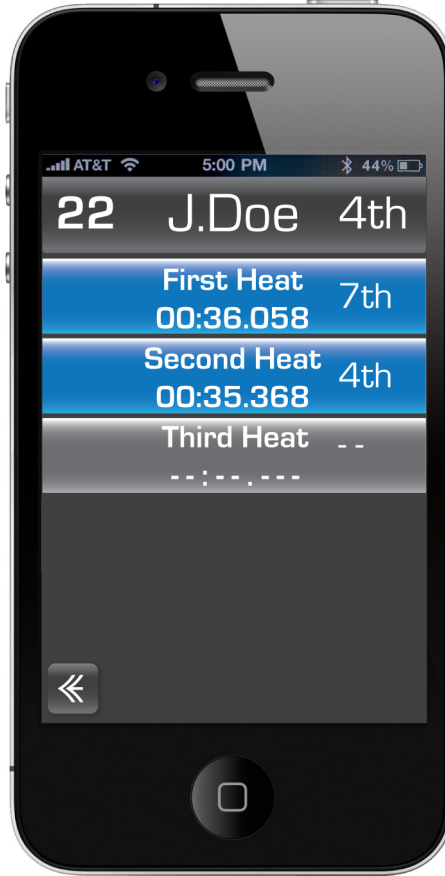
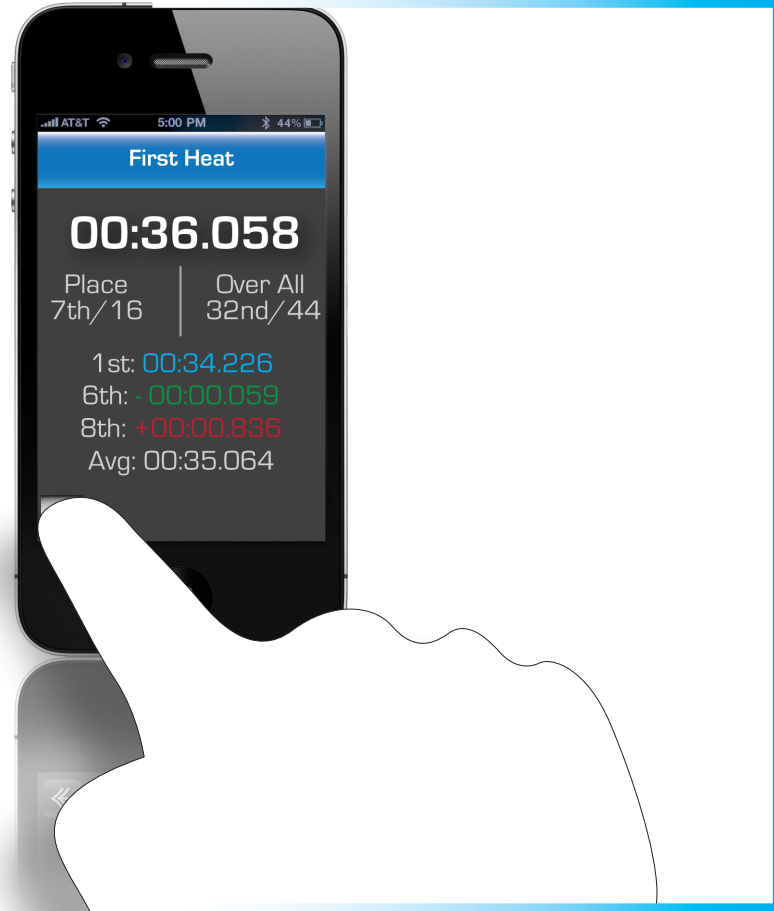
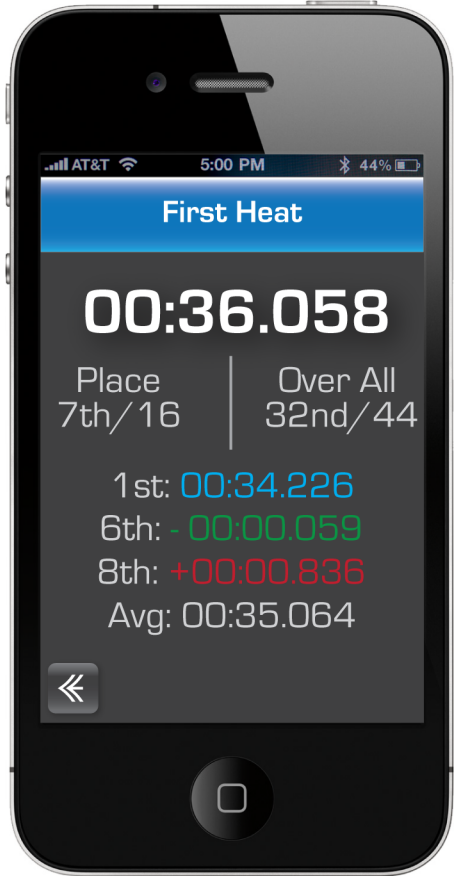


Navigation



Final Concept

First Heat Breakdown



Timing Screen (During Active Heats)



Navigation Cont.



Final Concept

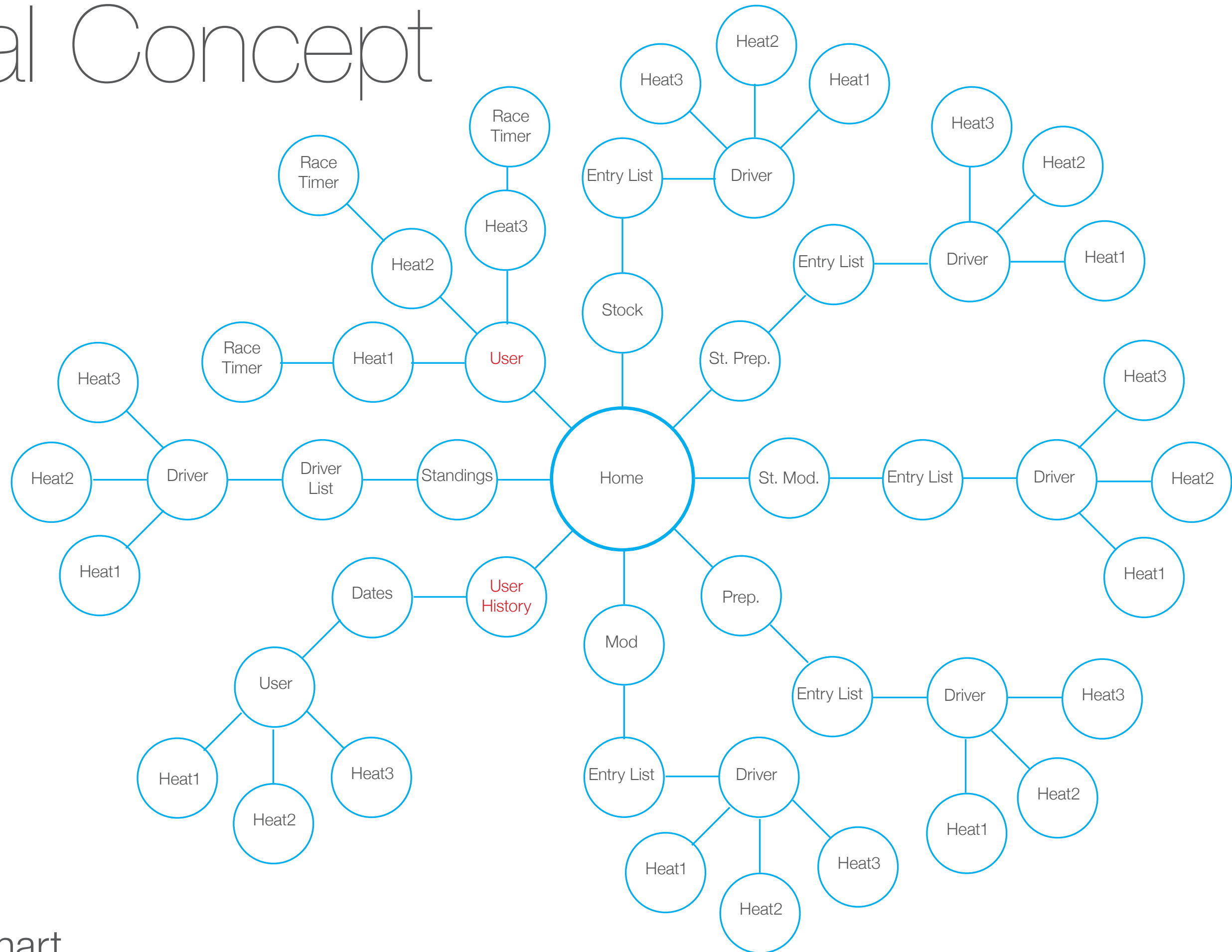
The menu screen transitions resembles a pinwheel where the center of rotation is far off screen. This gives the user an added sense of motion and depth when navigating. The menus rotate in counterclockwise from the right when navigating away from the home screen. They rotate back in a clockwise direction when navigating back towards the home screen.



Menu Flow



Final Concept



Menu Chart



Final Concept

Intro/Start Screen

