



# Cyclemeter App Deconstruction

ITGM-337 Information Architecture

by

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## Team Process

- Step 1. As a team, we downloaded the app and began to categorize all of the apps features into an excel spreadsheet. We initially broke up which were being offered on the phone, and which were offered on the watch version.
- Step 2. Then we grouped each feature into categories relating to the feature's characterization. Ex: Average Speed, Fastest Speed, and Best Speed were grouped within a speed list.
- Step 3. At this point we started to has out new wireframes based off our groupings. We created a new hierachy that grouped similar data types onto specific pages and removed unessesary features.



## Team Process

- Step 4. We used the platform PopApp to make a low fidelity prototype from our initial wireframes.
- Step 5. After clicking through our low-fidelity prototype, we realized that we weren't fully consistent in our design. Also, several elements didn't path properly, so we went back and fixed these issues.
- Step 6. We implemented the re-designed wireframes and repathed the new pages into our final PopApp low-fidelity prototype.
- Step 7. To finalize the project, we all went through individually and created a documentation of the process.



## Documented Features List

Ride Time

Stopped Time

Distance

Calories

Speed

Average Speed

Fastest Speed

From Best

Ascent

Descent

Elevation

Grade

Miles Today

This Week

This Month

This Year

Total Miles

Miles Yesterday

Last Week

Last Month

Last Year

Calendar

Best ride times

Better Ride Times

Median Ride Times

Worse Ride Times

Worst Ride Times

Route info

Route Start Date/Time

Route Name

Splits

Laps

Intervals

Zones

Geography

Weather

Wind Speed

Humidity Percentage

Sunrise Time

Sunset Time



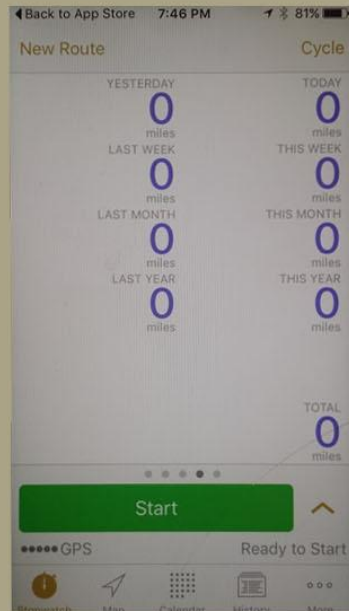


## Current Home Page Design

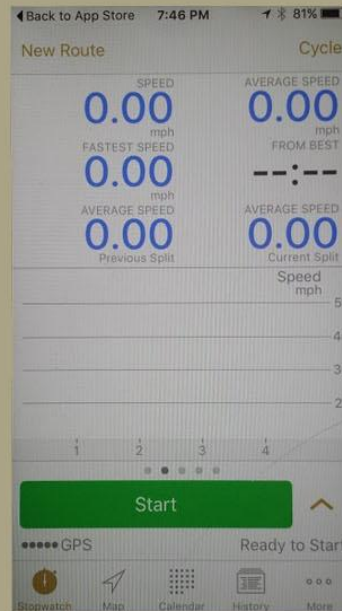
These were the current app home pages that we condensed down into 3 pages.



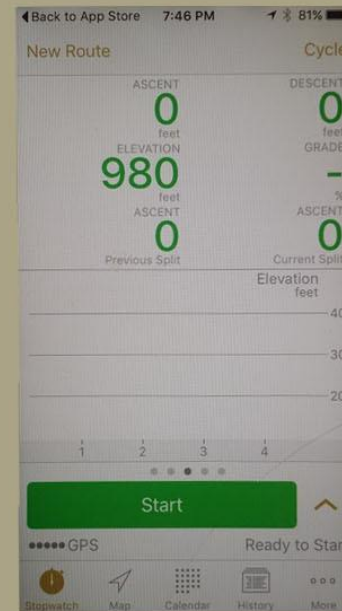
Page 1



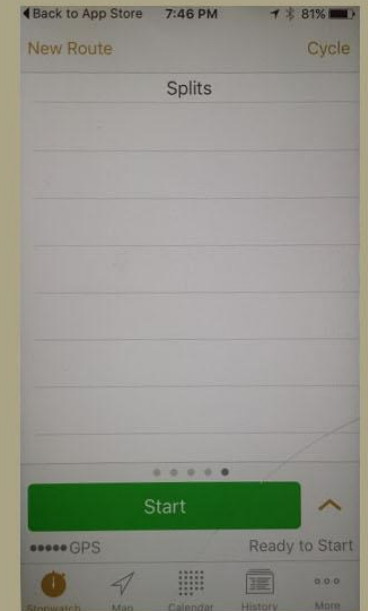
Page 2



Page 3



Page 4

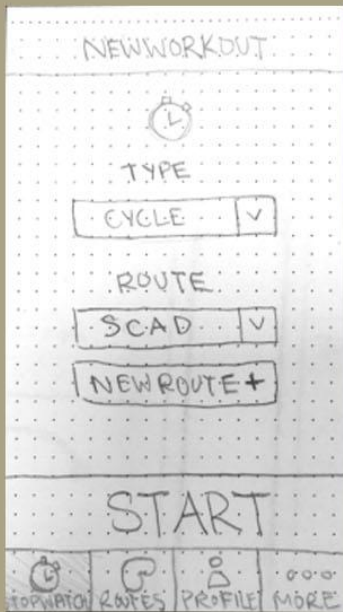


Page 5

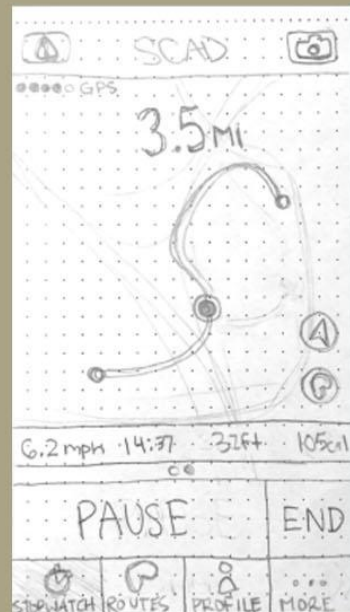


## Home Page Re-Design

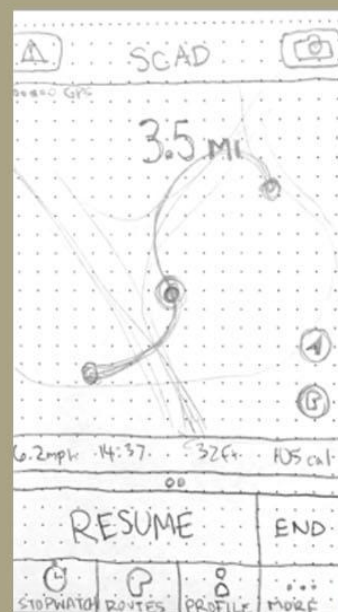
This is the pathing for the new home page. It displays the new pathing for users to start a route, create routes, pause the session, resume the session, and the report details once the route is finished.



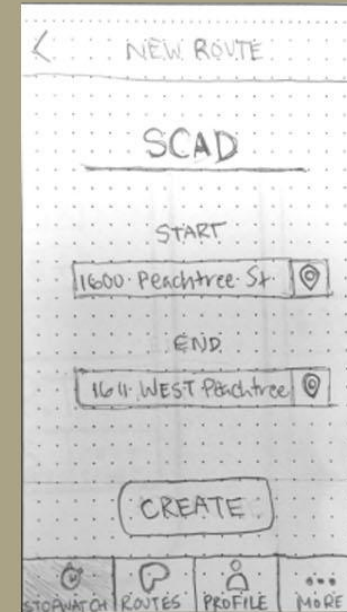
Home Page



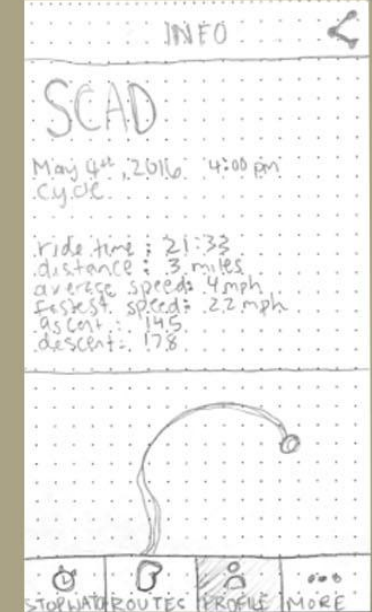
While in use



Paused



Create new route

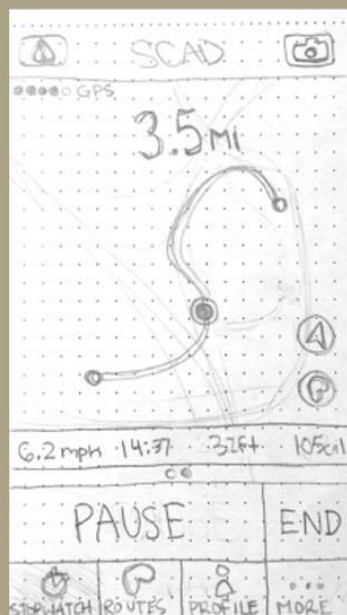


Finished route details



## Re-Design Details Subpage

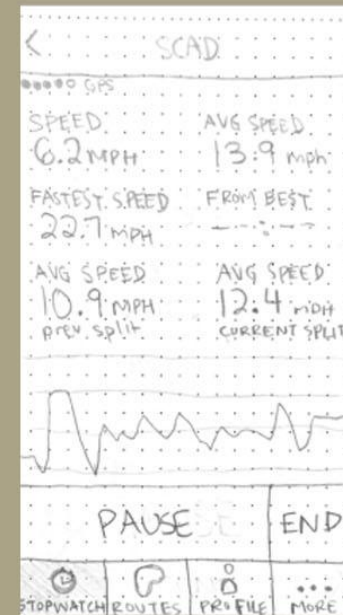
This is the pathing for the in-depth details subpage. Users would access the details subpage after touching the map. Then they could access further analytics based on speed, time, elevation, and health by pressing one of the four square icons.



While in use



Overall details  
after pressing map



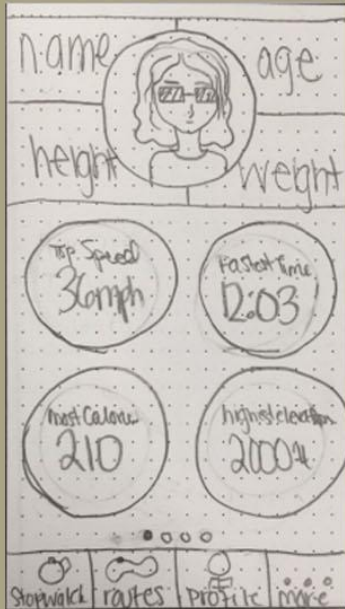
Indepth details after  
pressing the MPH icon





## Re-Designed Profile Page

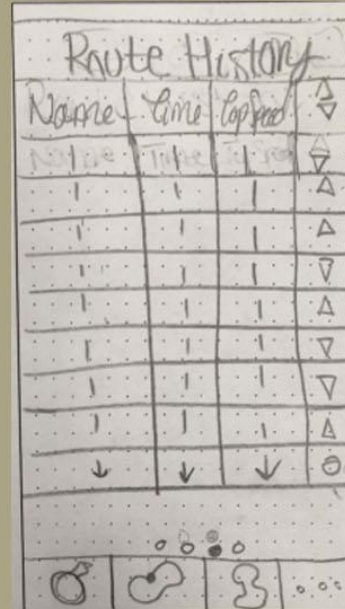
This is the redesign of the users profile page. The first page would show the user's overall statistics, which include top speed, fastest times, total calories burned, and highest elevation. The second page shows routes run by day, in calendar format. The third page shows further details on each specific route. The fourth page shows average speed and time spent on routes over time, in a graph format. Lastly, there's a help icon that explains symbols use in the profile.



Overall profile statistics



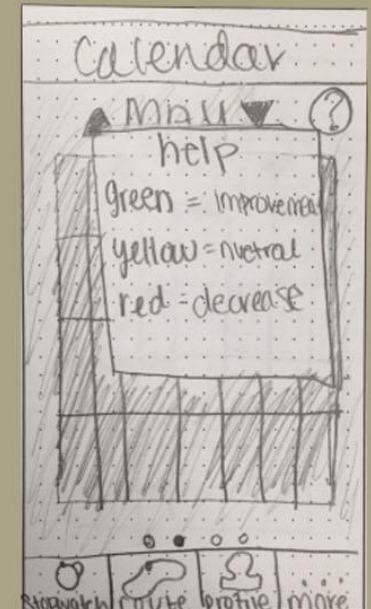
Calendar listing routes by day



Route history showing further details



Graphs displaying overall speed and time statistics



Help icon explaining symbol use



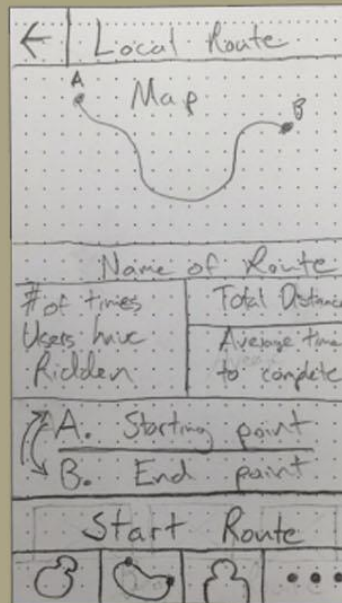


## Re-Designed Routes Page

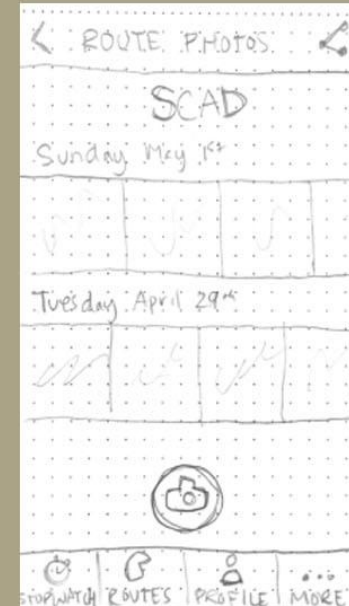
This is the redesign of the users routes page. It would be a detailed lists of available local routes posted by users. The three tabs at the top would show your currently saved routes, top routes in the area, and discover completely new routes. The second page is more in depth information on each route. This displays the route on a map, number of times users have ridden it, total distance, average time to complete, and starting and ending points. The third page would show user posted photos associated with the route.



Listing of local routes



Detailed information on the route



Community posted photos of the route