

Interactive Systems Group Project | Team Play-Doh

RUNTIME

Concept

'Runtime' is our running app which has the following functionality:

- Basic interface for showing the routes you took on a given day
- Ability to compare your routes and progress with other users

Target audience: Adults intimidated by, or who are unable to (due to time or energy) attend traditional running clubs, but would prefer to connect with other runners virtually.

More Detailed Description of App

At its core the application will allow users to track the route they have ran whilst wearing a GPX device. It will allow the user to get a visual representation of their route, along with statistics such as average speed, maximum speed and the gradients of the track they are on. The user can plot multiple routes on top of the same map to analyse them, for example see multiple weeks or routes together, or they can see each route individually.

The app will have lots of opportunities for users to interact with each other by the means of joining 'groups', where the user can see other runners' routes and arrange to go on runs together. There will also be a 'race function' whereby weekly two points will be specified in each city and the user has to get from one point to the other in the fastest time possible. At the end of the week the winner will receive a special banner for their profile.

The feel of the app is to be as unintimidating and as commitment free as possible to new users, with an emphasis on enjoying running and meeting like-minded people as opposed to becoming professional runners. All the social parts of the app can be toggled off by the user and they can make their information as public or as private as they like. This means that the app could be used as a simple route tracker at first before the user ventures into the social aspect.

Personas

Bichelle Miggins

I am 43 years old with four children, all of whom are in school during the day. I am a house wife, and as such I only have free time during the day to fit in physical activities and so cannot attend running clubs in the evening. I am a bit unfit and I get intimidated very easily by the idea of joining a club for running, particularly meeting new people, who will likely be more experienced than I am. However, I am very committed to changing my lifestyle, even though I'll be starting pretty much from scratch. I would like to track my progress throughout my journey on an app that makes the experience feel a bit more casual than the standard running apps I've tried.



Sean Marshall

I am a Masters student and a keen runner but my studies will be a large constraint on my time this year. Therefore I think I will be unlikely to be able to run as much as I'd like. I still want to remain competitive and keep my times down but with the nature of my studies it's likely there will be some weeks where I will run every day and some where I'll not run at all. I need an app that will let me track my stats but is also flexible enough that it can work around my now less consistent schedule. It would be nice if the app had a more relaxed feel to it so that I don't feel bad missing sessions, as I sometimes feel that way when my other running apps badger me for missing days.



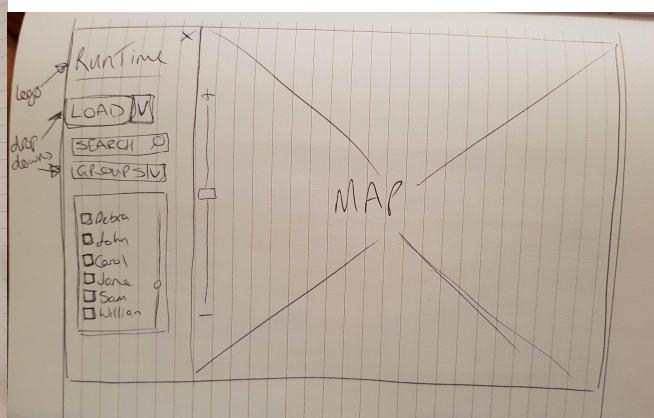
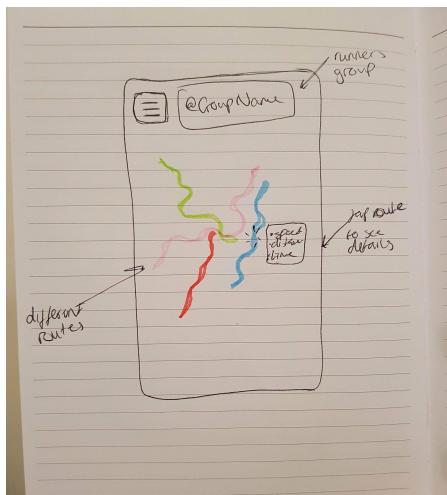
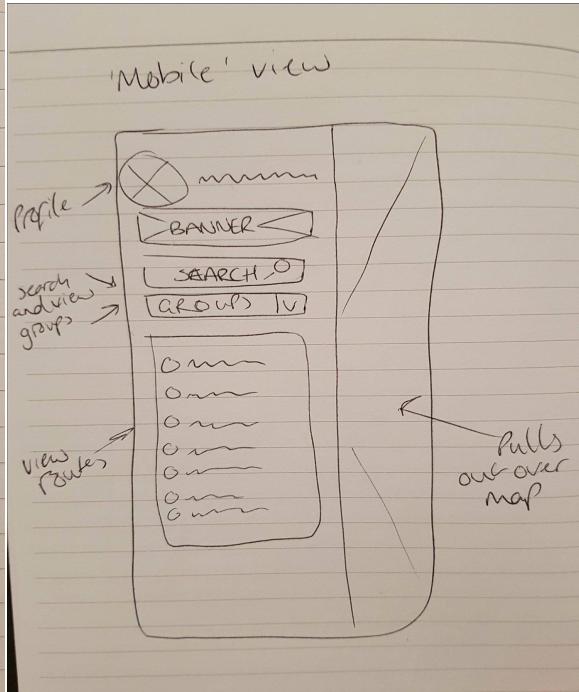
Scenarios

Michelle has not ran in a long time. This week the kids go back to school. She has decided to use this week as the starting point of getting a healthier lifestyle. She puts on the watch with GPX installed and all she has to do is walk out the door and begin. There's no sign up sheet or group to meet up with so she doesn't feel pressured to push herself harder than she wants to. She is hoping that investing in this device will help maintain her goal moving forward. She is beginning this journey in baby steps but also hoping that it will encourage her to be more competitive in the future.

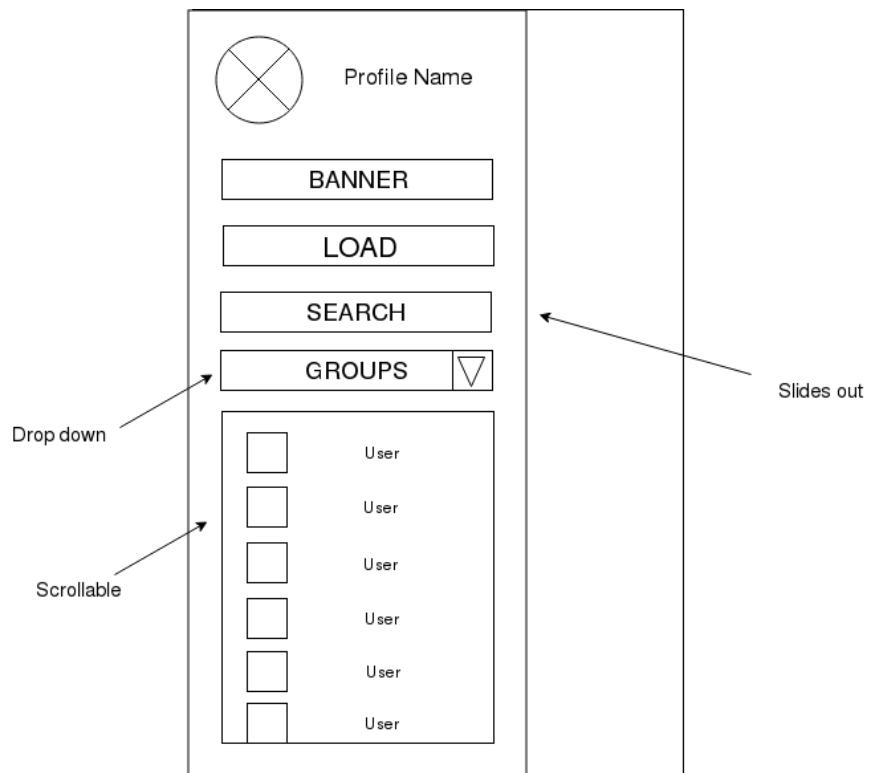
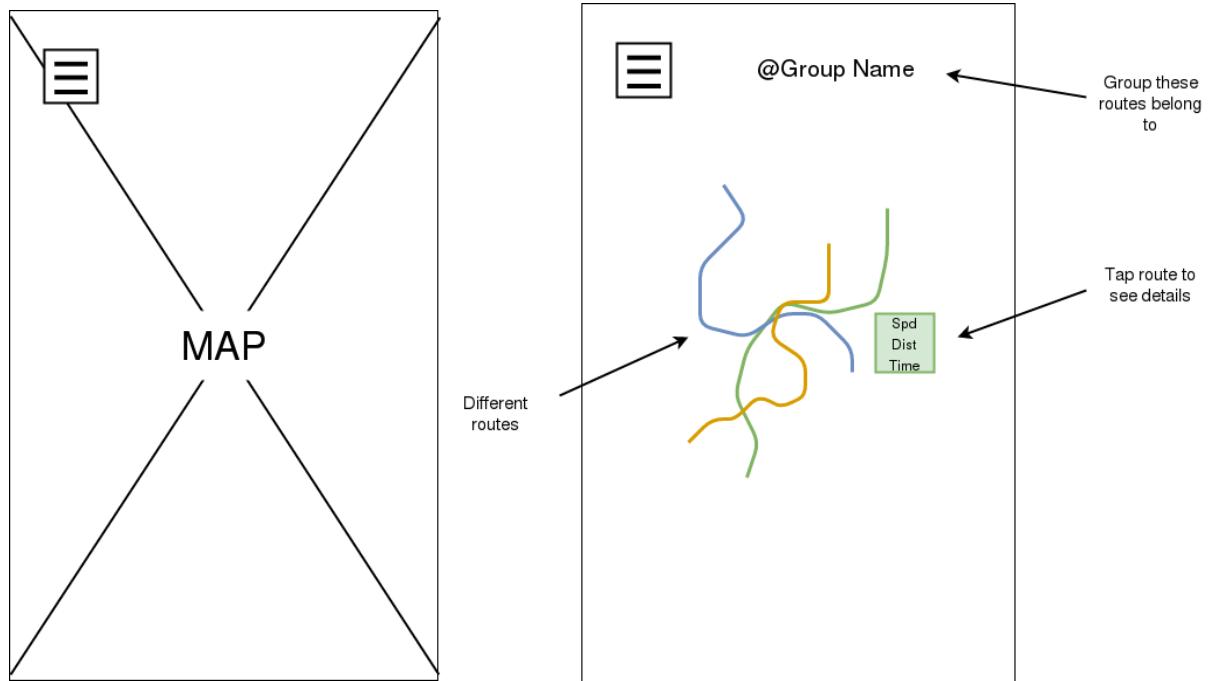
Sean is a hard-working Masters student, so most of his time is invested in University. It is deadlines week which means that his stress level is through the roof. As a consistent runner, he is aware that running is one of the things that helps him unwind. He can be competitive but at this time of the year, competition is the last thing on his mind. He uses the app simply for tracking his routes to mix it up each running session. This is his first year living in Glasgow, therefore the app would also help him discover places he has never set foot on.

Emily is a single full time accountant who only has few commitments in her life. She takes very good care of her lifestyle and is in constant competition against herself. She works out at the gym but also goes running outdoors for a change of scenery. Emily took two weeks holiday off from work and she would like to dedicate this time to challenge herself to a competition against other active members that use the app. She likes the social aspect of it as it allows her to view other open minded users' progress in running. She is going to use this data to better herself during these two weeks off.

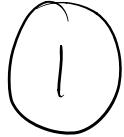
Sketches



Wireframes



Peer Feedback



Team Playdoh Review

This is what we expect the app to have based on the Intro

Routes for the run from a given day.
Compare routes/progress with others
Stats: Speed and Elevation.
Multiple Routes on the same map
Analyse Routes.
Join Groups and arrange runs.
Race function, banner on profile for winners.
Turn Off Social.

This is what we expect the app to have based on the User Needs

They dont want to meet people, isolated running.
Track their progress in a casual simple way.
Have few social notifications Should be simple to setup, with a basic interface.
Encourage competition.
Different routes each session to discover new places.
Ability to compete against other active members and see other users progress.

The Good

The scenarios seem realistic and give information on how using the app will flow.
The design of the app with a full screen map is a good choice.
The menu seems functional.

The Bad

May be hard to see other routes when they are layered on one map.
No stat page displayed which does not allow users to compare their stats.
The small box displaying stats is not detailed enough for some users.
There is no demonstration of how users will analyse their routes.
No settings page in order to change social settings.

2

Concept

The project concept is reasonably scoped with a useful, user-oriented goal. The functionality seems simple with clear motivations, which should allow for design to be focused on user experience. It seems as if the interactivity of the app is centred around social aspects, where the usability extends out-with from interfaces provided by the app. The idea of rewarding good progress and adding challenges is a thoughtful addition which would definitely agree with the targeted user base. If anything, this app may only need a reduction in scope to deal with either viewing GPX files or providing a social platform.

Personas

Overall, the user personas represent fundamental user behaviours and form clear, representative profiles. They certainly indicate that the design focus has been humanized and, in many ways, it is clear that the overall concept for the application has been designed with the end user in mind.

Scenarios

The scenarios provided a reasonable narrative that thoughtfully placed the application in the user's lives. They are suitably descriptive to allow the design to be directed towards culturally meaningful artefacts that will augment the user's daily activities.

Sketches/Wireframes

The wireframes relate to the scenarios well – with an intuitive layout and a good use of a drawer menu over a native map interface. It would help to understand if the wireframes are on a mobile, handheld device or if the user will be interacting with the app using a mouse and pointer.