Smartwatch running challenge

COIN DOGS

Anna Peretiatka
Yevgeni Boukingolts
Marius Davidavicius
Aleksa Laz

MEET OUR TEAM

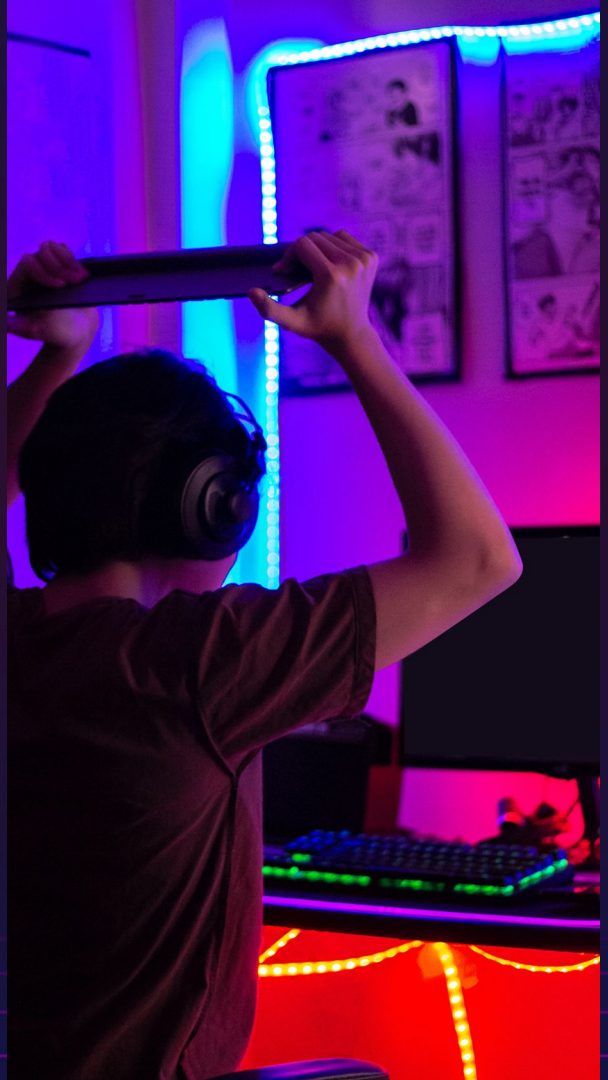
Anna
Peretiatka
BGU

Yevgeni
Boukingolts
BGU

Marius
Davidavicius
UP

Aleksa
Lazarevic
UP

VISION



VALUE PROP

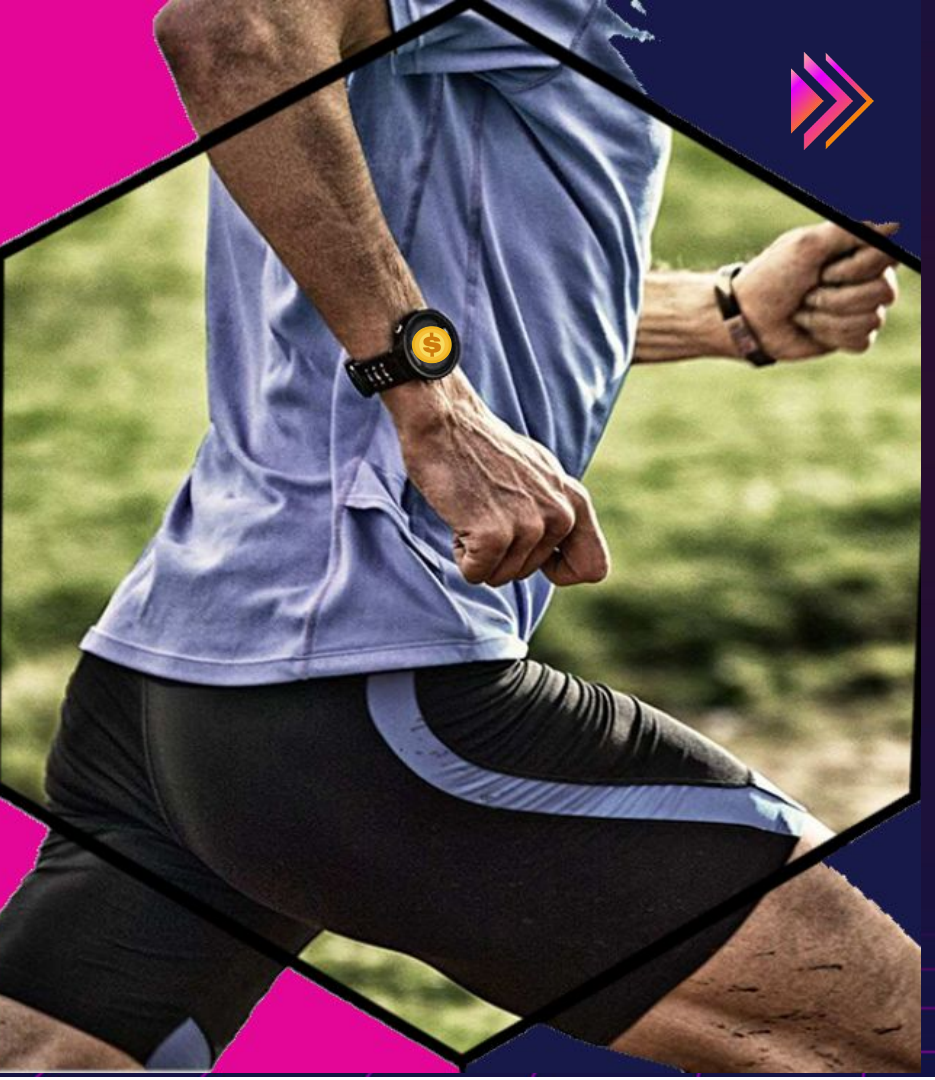
interactive running experience
with time challenge

PROBLEM

The running routine becomes more and more predictable, route options are repetitive along with no feedback, genuine joy, or challenge from the progress.

SOLUTION

Collecting coins while running challenges the runners and makes the experience more engaging. Comparing achievements with friends and others promotes competitiveness and inspires improvement.



TASKS

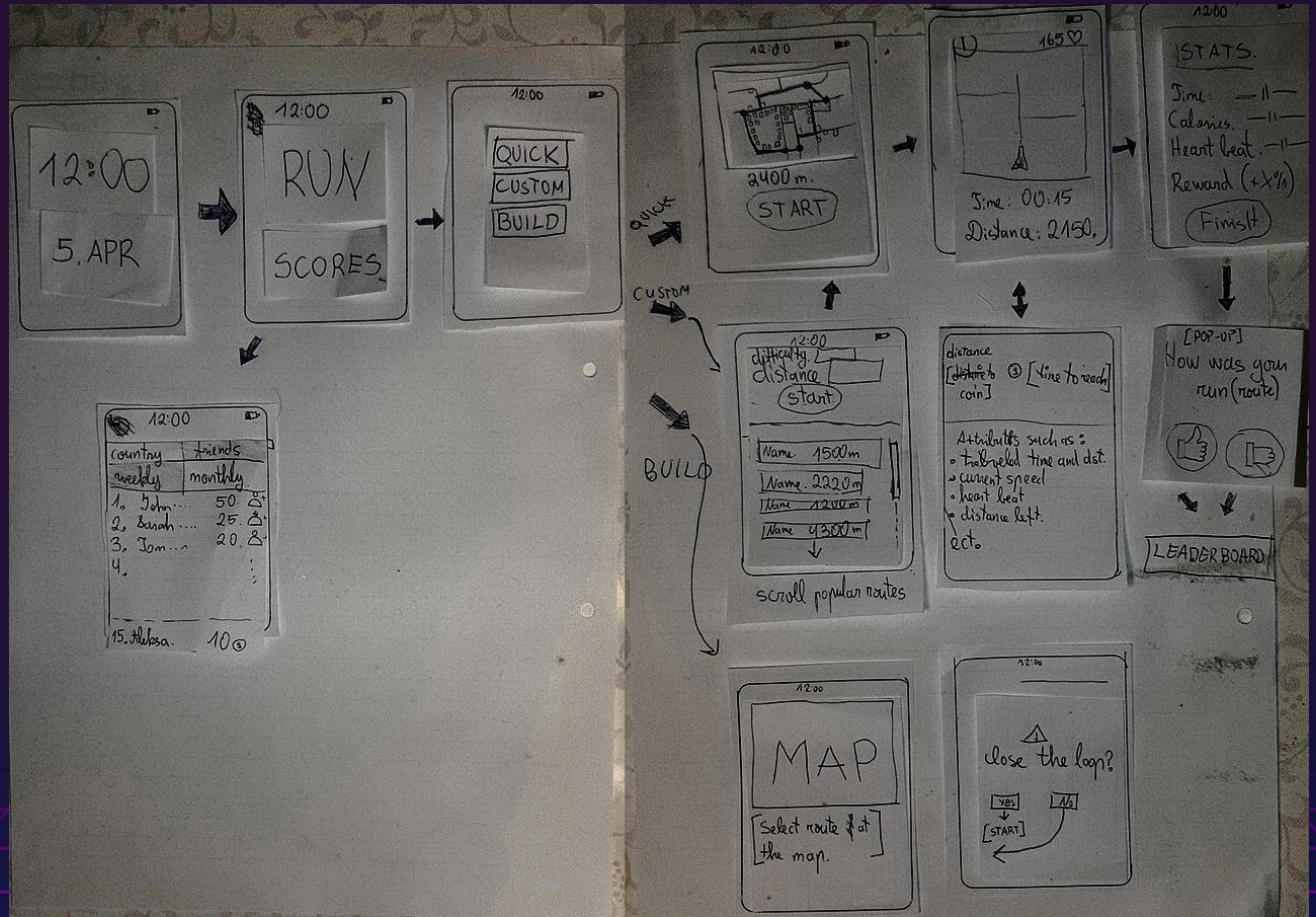
Easy:
Generate quick run

Moderate:
Browse leaderboard and add friends

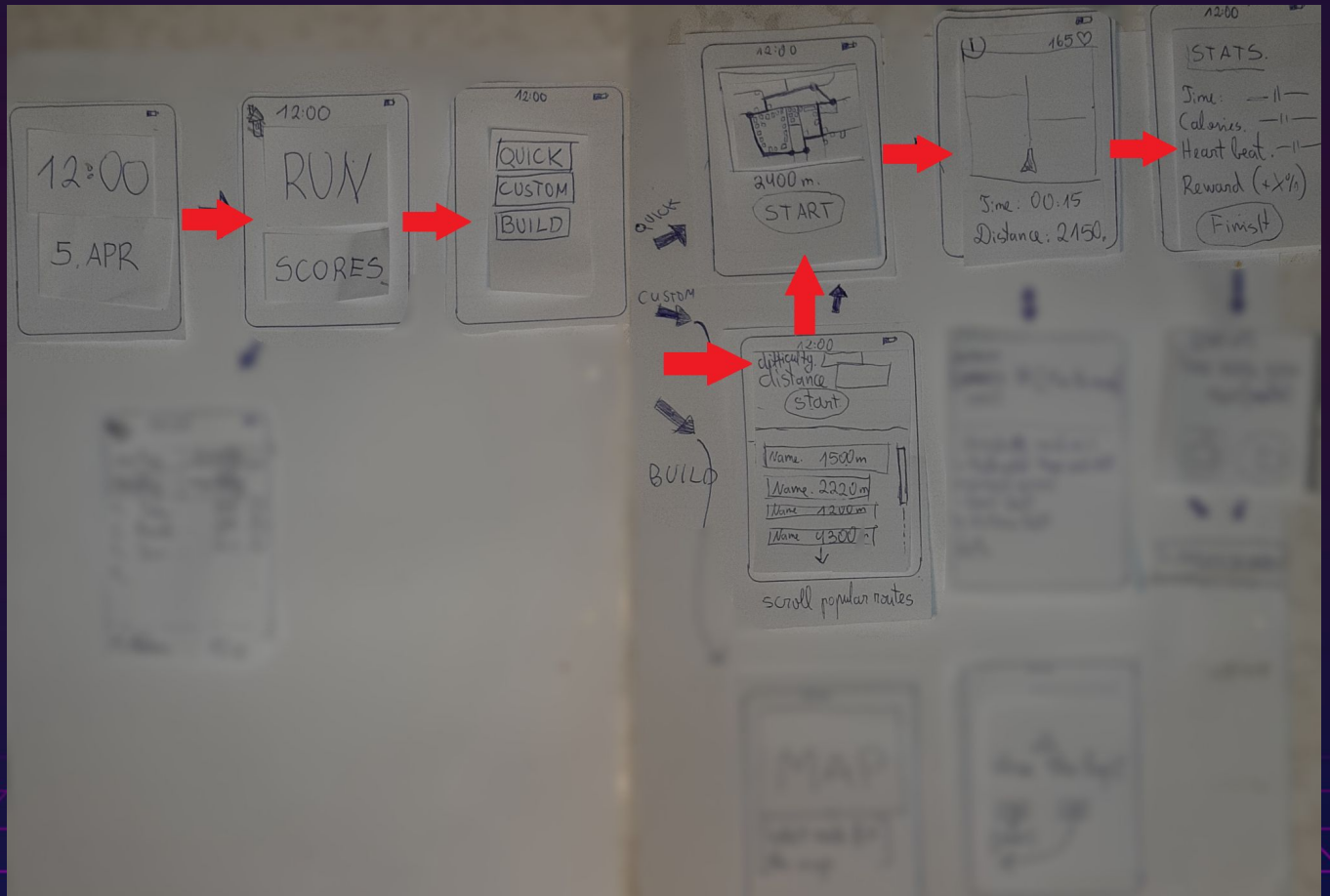
Complex:
Create custom route

PAPER PROTOTYPE

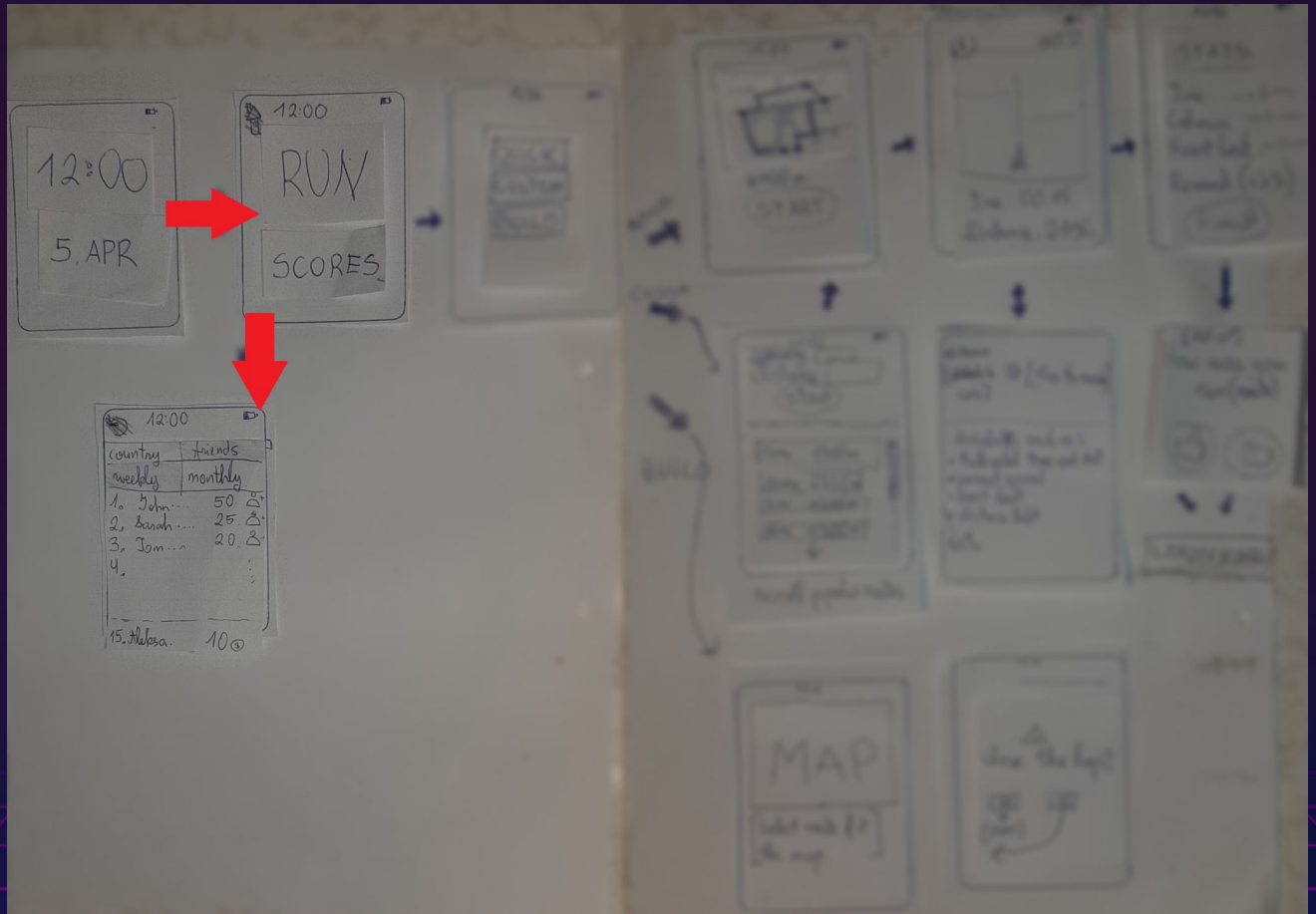
PAPER PROTOTYPE



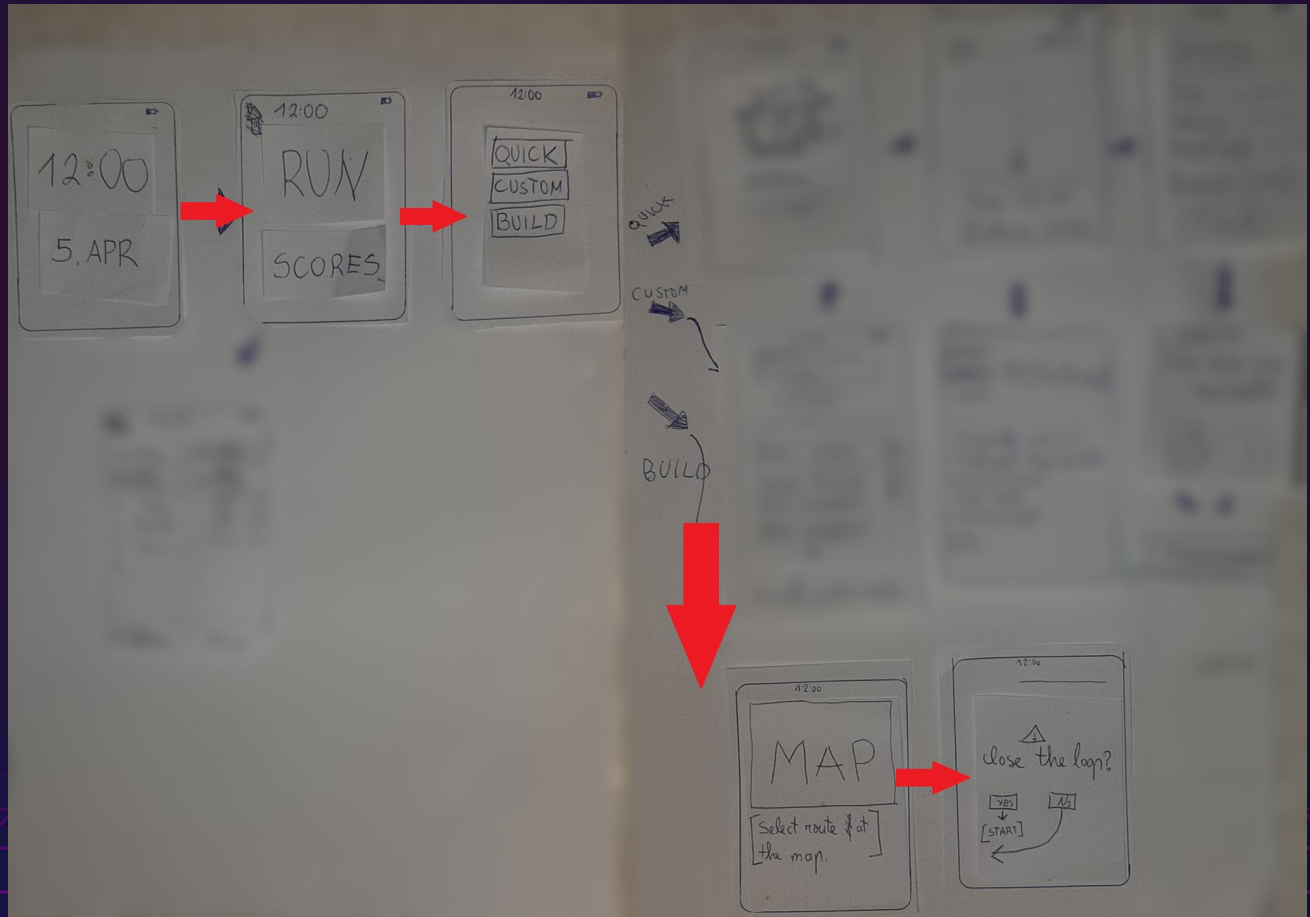
EASY


12:00
5. APR
12:00
RUN
SCORES
12:00
QUICK
CUSTOM
BUILD
QUICK
CUSTOM
BUILD
12:00
2400 m.
START
12:00
difficulty
distance
start
Name. 1500m
Name. 2220m
Name 1200m
Name 4300 m
scroll popular routes
1
165♡
Time: 00:15
Distance: 2150,
12:00
STATS.
Time:
Calories
Heart beat.
Reward (+X%)
Finish

MEDIUM


12:00
5. APR
12:00
RUN
SCORES
12:00
country
weekly
friends
monthly
1. John...
50
2. Sarah...
25
3. Jon...
20
4.
15. Helena.
10
MAP

DIFFICULT


12:00
5. APR
12:00
RUN
SCORES
12:00
QUICK
CUSTOM
BUILD
QUICK
CUSTOM
BUILD
12:00
MAP
[Select route at the map.]
12:00
close the loop?
YES
NO
[START]

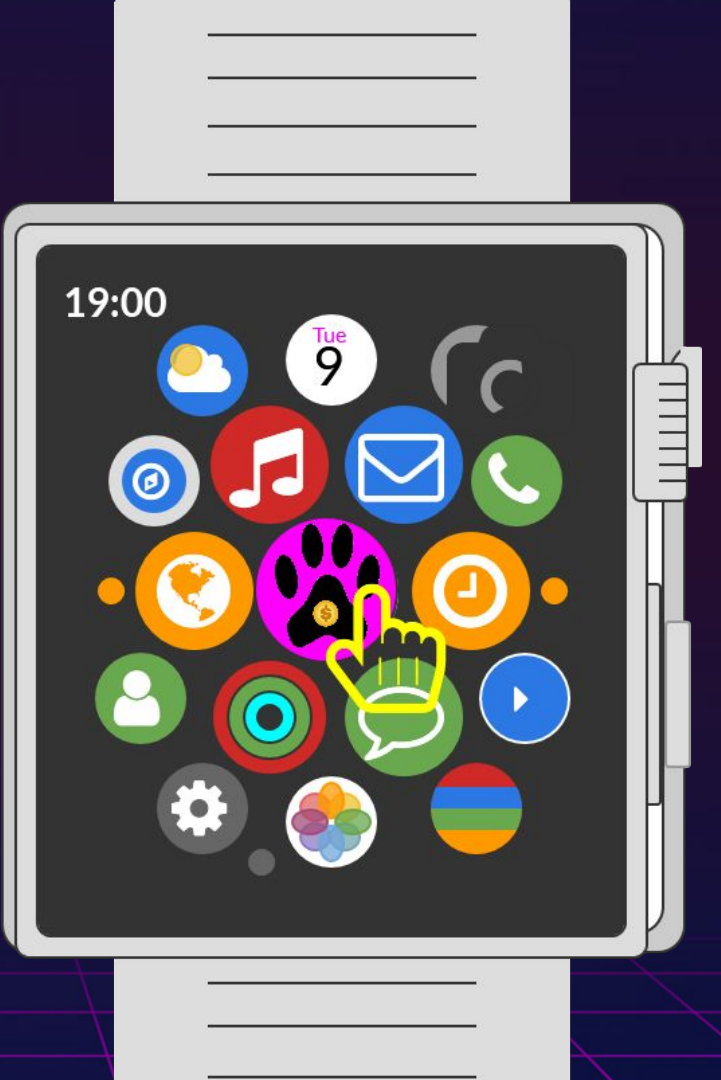
PAPER PROTOTYPE Testing

PAPER PROTOTYPE TESTING METHODOLOGY

- To test the paper prototype we recruited three students.
- Target group were 2 female and 1 male .
- The age of the group was in range 20 - 60 years.
- Testing environment was three separate Zoom meetings, and the technique used was wizard of Oz.
- First the prototype was presented to them, and they had to give grades of planned functionalities.

Participant ID	Participant Age	Who?	Findings	Changes after study
1	20	UPF student	Adapt general language	Adapted general language
2	22	BGU student	Valuable ideas about gamification aspect	Coin usage Coin timer Coin statistics Coin usage
3	56	Father that runs	Valuable ideas about statistics view	Adapted statistics information view at the end of the run

Medium-Fi Prototype

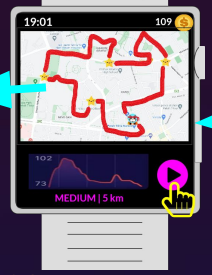


Easy

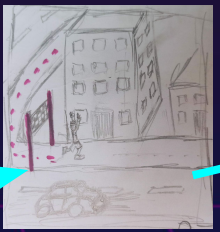
It’s a beautiful day for a run, i’m so thankful i have my app to enjoy it

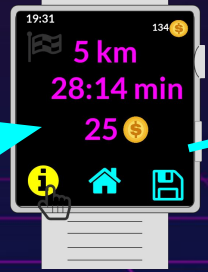
all you need to do is select a difficulty and distance

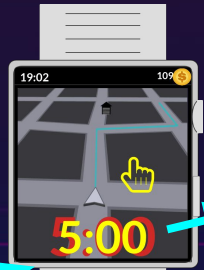
coins generated on the route

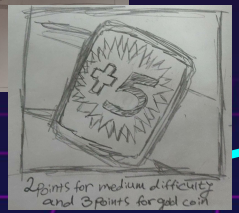


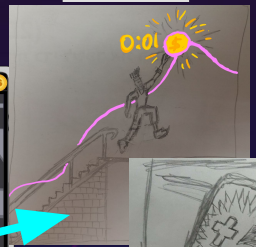
lets go

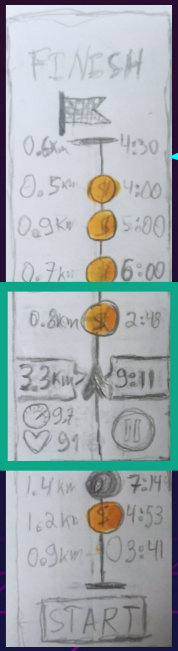




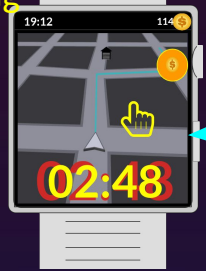






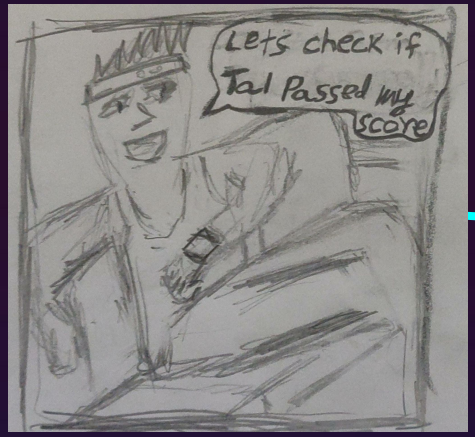


tapping

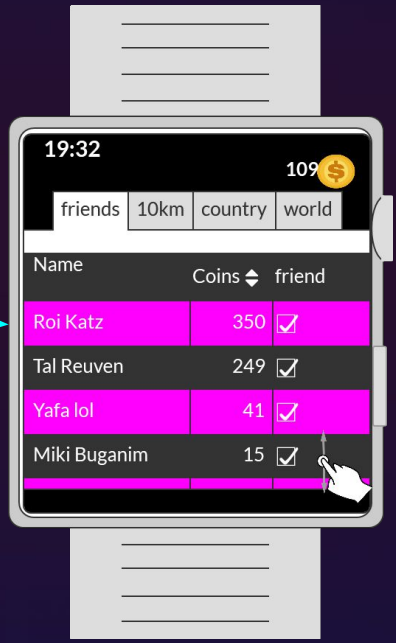


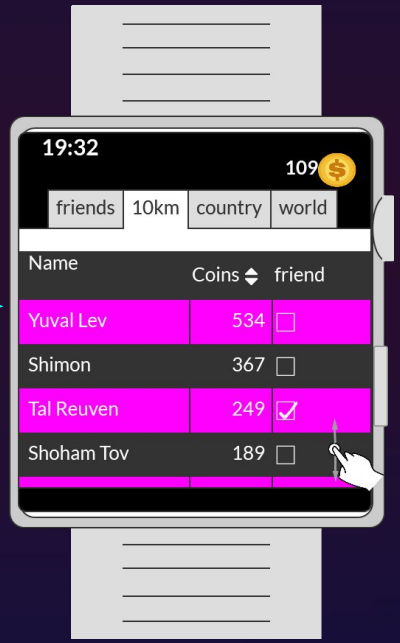
5 min to get a gold coin

Moderate

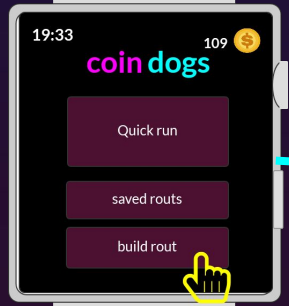

Let's check if
Tal Passed my
score

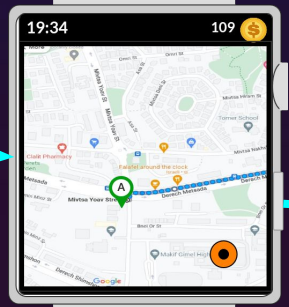
19:32
109
coin dogs
run
leader bords

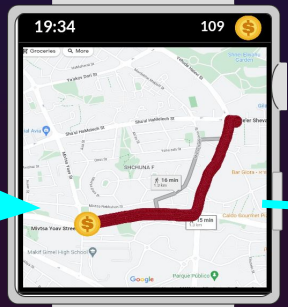

19:32
109
friends
10km
country
world
Name
Coins
friend
Roi Katz 350
Tal Reuven 249
Yafa lol 41
Miki Buganim 15

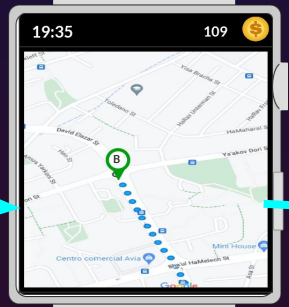

19:32
109
friends
10km
country
world
Name
Coins
friend
Yuval Lev 534
Shimon 367
Tal Reuven 249
Shoham Tov 189

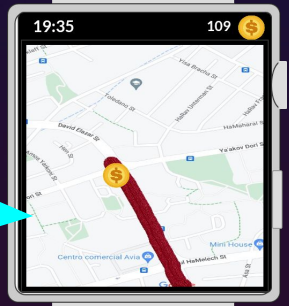
Complex

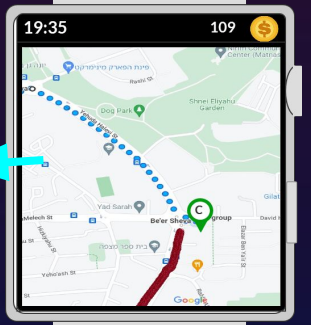

19:33
109
coin dogs
Quick run
saved routs
build rout

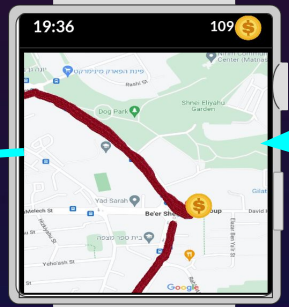

19:34
109


19:34
109


19:35
109


19:35
109


19:35
109


19:36
109

19:36
109
Close the loop?
YES
NO

19:36
109
102
71
20
21
EASY | 3.5 KM

Prototype overview

left out

watching and activating saved routes
reason: it was redundant since most aspects were covered in quick or create options.

percentage of the run that completed
reason: too much info for a small screen, will be reconsidered if deemed useful in future testing

Wizard of Oz techniques

Imaginary protopipe functionality:
Following users' actions, typing data and changing screens

Using hard-coded features

Hard-coded features

map route was hand drawn

the default route always has medium difficulty

leaderboards are static

run information is predetermined

THANK YOU :)