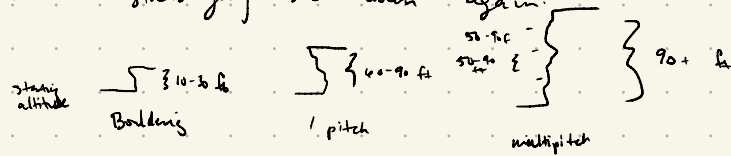# Climbing Garmin App

Goal: Create an app that monitors:
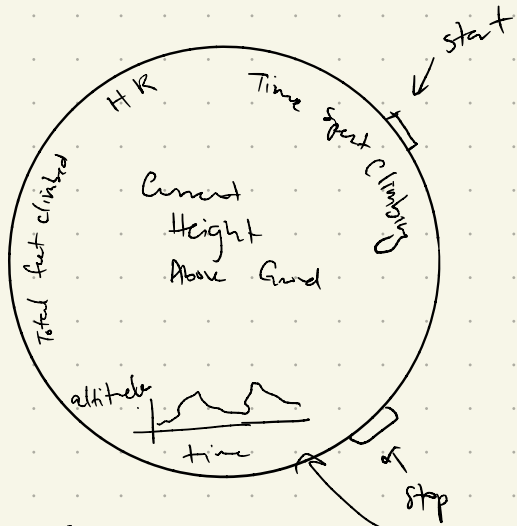- HR
- Change in altitude
    - record altitude when activity is started
    - record time and altitude ad each pitch/boulder problem until altitude starts going back down again.

staring altitude ⌐ {10-30 ft   ⌐ {40-90 ft   50-75 ⌐ { { {90+ ft
                                                  50-90
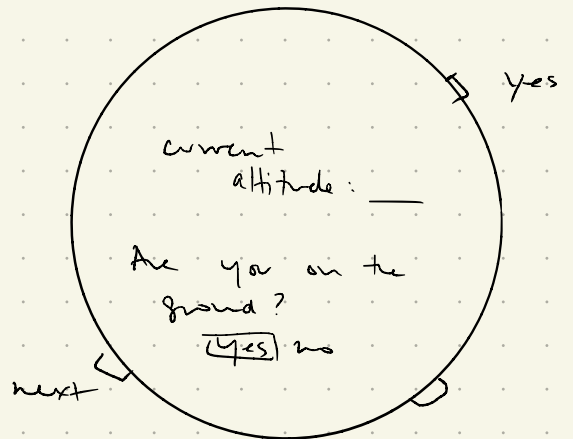   Bouldering   1 pitch   multipitch

Prior Art:
- Climbing Application by jiri: Records number of climbs of the day, HR, current climb stats; grade (i.e. V4C), status (climbing or not)
- Boulder/Climbing Wall by evan-levi: records climb time, HR, climb ascent, grade start & stop
- Climbing Master for Strava by gonivsurist: connects to Strava account
- Four Climbs + by Dave Brillhart: records elevation, total ascent, grade, VAM.

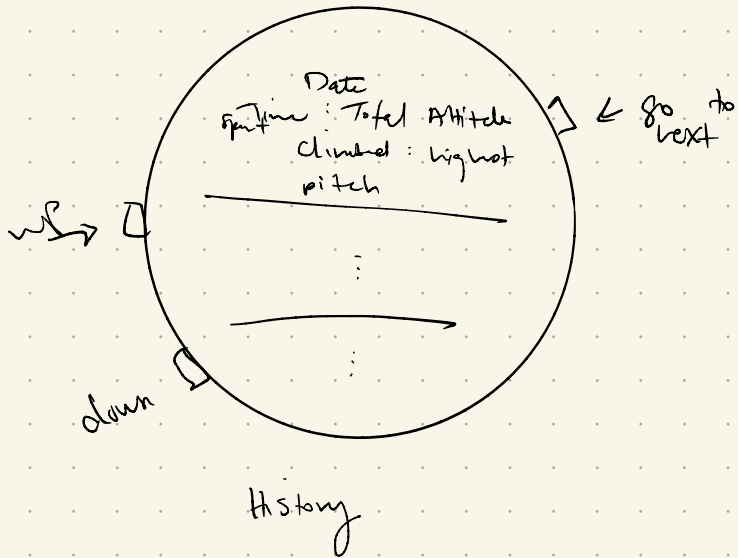- Don't like having to start + stop between climbs

Design

Running Page

start

HR   Time Spent Climbing

Total feet climbed

Current
Height
Above Gnd

altitude

time

or stop

altitude graph

Start screen

Yes

current
altitude: ____

Are you on the
ground?
[Yes] no

next

Start screen
(ask user if they
are on the ground
now?)
(if no, tell
user they must be
on the ground to
start

History

Date
Total Altitude
Climbed : Highest
pitch

up

down

go to
next

:

: