HealthMap README

Welcome to HealthMap! Our mission is to help you stay confident and accountable about your health before driving. HealthMap is an intuitive and easy health verifier that tests your motor skills, helping you make a more informed decision before you start your journey. Below is some information to help you navigate our medium-fi prototype.

Tool: Proto.io

Limitations: no sound for hearing test; hard-coded address book, location, and test history

Wizard of Oz: stress test/pulse calculator from camera

Issues: Proto.io is currently experiencing issues when exporting to HTML, where only a partial section of the screen in the offline version is displayed. The current prototypes on our site are hosted on Proto.io and embedded locally. Also, it was at the suggestion of our CA that we have a prototype for each of our task flows, since they are all disjoint and would be extra work to implement all use cases in one prototype.

Tasks and Instructions
- **Task 1 - I want to know if I am fit enough to drive**
  http://web.stanford.edu/class/cs147/projects/mobility/health_map/medium_fi/task1.html
  For this task, tap "Tap to Begin" to start a series of tests that will evaluate your sight, hearing, reflex, and heart rate. The vision test instructions will prompt you to pay attention to the character that flashes on the screen and you select from a multiple choice question which character you saw. In the hearing exam, sounds at ranging frequencies will be emitted from your device, at which time you should tap the screen to respond. The reflex test will evaluate you by having you pop balloons as they appear on the screen. Lastly, using the camera and camera flash on your phone, HealthMap will detect your pulse. If all measurements in each test indicate a sufficiently sound-minded and healthy user, HealthMap will say that you have passed the exams successfully and are good to drive.
- **Task 2 - I want to know how to be a safer driver**
  http://web.stanford.edu/class/cs147/projects/mobility/health_map/medium_fi/task2.html
  For Task 2, you will proceed through the series of tests again, but with some borderline results, which triggers HealthMap to issue a warning to the user about the specific physical sense that may inhibit the user's ability to operate a vehicle at this time.
- **Task 3 - I want to get help when I need help**
  http://web.stanford.edu/class/cs147/projects/mobility/health_map/medium_fi/task3.html
  In Task 3, the user fails critical parts of the exam with enough severity that HealthMap immediately calls your primary emergency contact to assist you. If he/she picks up, the app sends the contact your current location so that you can be reached as soon as possible.