

Diet Logger Progress Report **10/22/2009-10/29/2009**

Names

Matt Hoffman, Co-Leader
Aaron Freis, Co-Leader
Kaitlin Brendel, Communicator
Vincent Mi, BWIG
Tasha Benkovich, BSAC

Client

Professor Wally Block, Department of Biomedical Engineering

Problem Statement

Obesity is the fastest growing expense in the United States healthcare system. Obesity manifests itself in serious problems in nearly every organ system in the body. Often individuals are advised to keep a log of their diet to better appreciate what and how much they are eating or as part of a nutritional study. However, self-administered logs are notoriously inaccurate and hard to maintain even over a short interval. Written logs are especially cumbersome for younger individuals. In this project, we will develop a fun method for young people to log their diets, likely using a visual web-based system.

Last Week's Goals

- Learn code for developing the programming that we require (i.e. tracing, calculating)
- Begin programming

Summary of Accomplishments

- Everyone has been working on Android tutorials that show its capabilities and how to program for it in Eclipse
- During tutorials, taking notice of applications/functions that relate to our specific goals

This Week's Goals

- Continue working with Android tutorials to learn how to program the functionality that we need

Project Difficulties:

Aaron's computer is still broken so he hasn't been able to do any of the Android tutorials

Activities

- *Individual Activities:*
 - Aaron—Android research—1 hour
 - Vince – Android tutorials – 4 hours
 - Matt – Android tutorials – 2.5 hours
 - Tasha – Android tutorials – 3 hours
 - Kaitlin – Android tutorials – 3 hours

Expenses

None

