Motivation

To create a digital journal of the user’s life. Instead of manually trying to log everywhere you’ve been and everyone you’ve interacted with, you can carry a lifeLogger and have it done for you.

Architecture

Database: Contains location info for each user, as well as who their friends are.

Website: Allows users to see where they were for any given day, as well as what friends were with them at each place.

Prototype is capable of collecting data. Once the data is collected, it can be synced in the background of the Android phone, only requiring user input for the initial setup. Because the user is not exposed to data transfer, we decided to focus on reliability rather than performance, so the user is never bothered with a malfunction in the device.

Development Environment

Nexus S Android Smartphone

Software

Arduino IDE, Eclipse IDE, Amazon EC2, MySQL, node.js,