# Documentation Information

## Class Maps

Class maps were made with a program called class visualizer. To use the program go to [Download Directory] 🡪 resources 🡪 Documentation 🡪 class map 🡪 class visualizer 🡪 clsvis.jar then click file load classes. Open the file that is in the same directory for the most up to date build as of 12/15/2016

## Drawings

Drawings were made with a online application called Draw.IO the drawings are stored the following directory [Download directory] 🡪 resources 🡪 Documentation 🡪 drawings. There are the created PDF drawings and the HTML applications. Opening the HTML file will launch Draw.IO

# Installation instructions

## Required software (latest version)

Android Studio, to code the android fitbit integration and launch the android application

Java JDK, needed to compile java.

Netbeans, to code the java desktop application.

Source tree, to interact with Github code repository

Mysql Workbench, to interact with database

Word, to view documentation

Firefox / IE / Chrome to launch draw.io which is used in creating flow charts

PDF viewer to view created flow charts

## Netbeans setup

1. Download all required code using source tree

2. Confirm that the java JDK is installed and up to date

3. Create the following libraries under Tools 🡪 Libraries

a. Name: lingpipe, source is under [download directory] 🡪 resources 🡪 Java Libaries 🡪 lingpipe-4.1.0

4. Open netbeans then open the project under the downloaded directory

## Android Studio Setup and install

1. Ensure android studio is up to date

2. Open the following project [download directory] 🡪 Android 🡪 Brian-fitbit-21

3. Connect your device to your computer and turn on USB debugging

4. Press play after the graddle build has completed

5. select your device in the window that appears

6. App will open on your device after build is complete

# Storage

## Code

The code is stored on github under Dr. Stefanek’s github account. Source tree is used to interact with the github code. Source tree allows for pushing and pulling of data and commenting on each commit.

## Database

The database is stored in the amazon cloud in Dr. Stefanek’s amazon account. On the amazon side the server is running Ubuntu. The database is accessed using Mysql Workbench with the following instructions:

Open mysql workbench

Create new connection

url pattern is username@hostname:port

username is research

hostname is ec2-54-200-12-7.us-west-2.compute.amazonaws.com

port is 3306

password is Gail01

there are no IP constrictions on the database firewall

# Contact Data

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