How to obtain the source code:

Go to terminal, type in the following command:
git clone https://github.com/kennanmell/Handoff.git

This will clone the up-to-date repo for the front-end of the HandOff application. It will create a folder called HandOff – we will likely change this name once we fully integrate proper interactions between the back-end and front-end portions of the code.

The source code repository for the front-end of HandOff can be found at
https://github.com/kennanmell/Handoff

They Layout of the Repo:

Folders:	Purpose:
__tests__	Contains Javascript test files to test various aspects of the application.
android	Contains the Java files and xml files for the general structure and build of the android application
images	Contains jpg/png images used on the team website
ios	Contains the ios specific files for the overall application
javascripts	Contains javascript files used in the execution of the overall application
stylesheets	Contains CSS files used in the execution of the overall application

How to Build the Software:

Before building/compiling the application, certain software must be installed on your system. Follow the below guide to set up your computer to run HandOff:

Go to the following webpage and select Mac/Linux/Windows and Android, then follow the instructions to download Node/Watchman/ReactNative: http://facebook.github.io/react-native/docs/getting-started.html Make sure that you install Android 7.0, despite it not being the latest release. Not being on 7.0 creates many issues that you do not want to deal with.

Next, once download the .tar or .zip file containing the application from the product website and extract the files. Once the application directory has been extracted, the

file can be built and executed using React Native. In the terminal, navigate to the project directory, then execute the following command to compile and run HandOff: "react-native run-android".

How to Test the Software:

To run HandOff's test suite, first navigate on command line to the directory containing the HandOff source code. Then simply run "npm test"
Note that this assumes you have already installed node in the process of acquiring and setting up our code for development.

How to set up automated daily build and test:

Kennan is king

How to release a new version of your software:

- Each time we plan on releasing a new version of the HandOff application, we will document the application version. Our first version is HandOff 1.0. When we publish new github repos that can be used to run the app, we will include a file which documents the version number as well as the most recent updates from the previous version. We will also include a file documenting all of the previous versions as well as the changes from version to version in the git repo.
- For developers, we will have a link on the product website to downloadable .zip and .tar files of the most recently released version of HandOff. When extracted the files will contain the repo version for that particular release
- For users, we will create an android application package of the most recent release, and provide a download link on the website for them to use. Once a user has the APK downloaded, they can run the app by opening an emulator and compiling and executing the android package.
- Whenever a new version of the application is proposed to be published and released, we will first go through an agreed upon testing process that will thoroughly check for any errors. With the agreed upon process, each time we have a new version up for publishing, someone will go through the process and document the results of applying the updated version to each step to ensure that it is ready to be released. Only once a new version has passed all of the tests will we publish it.

How to Access the list of outstanding bugs and the list of resolved bugs, and how to resolve a bug:

We will list all bugs in the 'Issues' tab of the Github repo. New unresolved bugs will be marked as 'open'. Once a bug has been resolved, we will mark it 'closed' but it will remain in the Issues tab. When first documenting a bug, we will have a description of the bug, how to recreate the bug, the type of error thrown (if applicable), and any thoughts as to the cause of the bug. When we resolve a bug, we will edit the original bug post to document what the fix was for the bug, and who fixed it.

Link to the issues tab: https://github.com/kennanmell/Handoff/issues

Commenting:

Our Zero Feature Release has minimal commenting because many of the files were auto-generated by React Native. As the application progresses and we generate more code we will have more robust comments.