**Installation Instructions**

**If any of the instructions are unclear, we have included the steps in our video called Installation Instructions which is submitted with our screencast**

**Also, feel free to reach out to us at any of our emails below:**

**mcsmocha@bu.edu**

**adsouza@bu.edu**

**redaij@bu.edu**

**Setting Up Your Environment:**

Reference: [Salesforce Documentation - Environment](https://trailhead.salesforce.com/projects/mobilesdk_setup_dev_tools/steps/mobilesdk_setup_common)

1. Make sure you have Node.js and npm installed

A Mac OS X or a Windows 7, 8, or 10 development machine.

1. To check if node.js and npm are already installed, at the OS command prompt, type: npm -v

○ If this command reports version 3.10 or later, you’re done—proceed to the next installation. If the reported version is earlier than 3.10, continue to step 2.

○ If you get a “command not found” error message, continue to step 2.

2. In a web browser, go to [nodejs.org](https://www.nodejs.org/).

3. Download and run the installer for your operating system.

4. When the installer finishes, go to step 2

1. Make sure you allow have the gIt command line installed.
2. You must have JDK 8
3. Android Studio with Gradle 4.1
4. Android level SDK 21 (minimum API) through 27 (target)
5. Install **forcedroid** using npm install

a. On Windows, type npm install -g forcedroid and press **Return**.

b. On a Mac, type sudo npm install -g forcedroid and press **Return**.

**Getting the app running**

Reference: [Salesforce Documentation](https://trailhead.salesforce.com/en/modules/mobile_sdk_native_android/units/mobilesdk_android_getting_started) (Under ‘Creating an Android Project’)

1. Open your **npm command prompt**

2. Go the the path where you would want our app to be created

3. Run the command **forcedroid create**

4. When prompted by forcedroid type in the following:

Application type: native

Application name: Y2Y\_App\_Demo

Package name: com.y2y.android

Organization Name: Y2Y

Output directory: TeamhAPPyApp

5. This will have created a template app (Y2Y\_App\_Demo) in your specified path

6. Go to Android Studio and open the template app you have created.

7. Go to **INSTALLATION** within our **Documentation** folder

8. Copy over the assets, src and res folders as well as the AndroidManifest.xml and the app level build.gradle file onto your template app’s app folder (aka. overwrite the files in TeamhAPPyApp/Y2Y\_App\_Demo/app). This will replace the template app’s folders and files.

9. Separately place the servers.xml file into:

TeamhAPPyApp\mobile\_sdk\SalesforceMobileSDK-Android\libs\SalesforceSDK\res\xml

10. Delete the header.xml and main.xml files in the layout folder (this is from Y2Y\_App\_Demo)

11. Run the app.