

## Development Manual

### Setup

#### 1) Install Java

- a. Download Link: [https://java.com/en/download/help/download\\_options.xml](https://java.com/en/download/help/download_options.xml)
- b. Confirm by typing 'java -version' into a terminal

#### 2) Install Eclipse

- a. Download Link: <https://www.eclipse.org/downloads/packages/>

#### 3) Clone repo from eclipse

- a. Open eclipse, right click on the left sidebar (package explorer)
- b. Import > Git > Projects from Git > Clone URI
  - i. URI: [git@github.com:jtaugust/cs414-fl8-001-JavatheHutt.git](https://github.com:jtaugust/cs414-fl8-001-JavatheHutt.git)
- c. Click next until finished

#### 4) Ensure JUnit is installed and active on eclipse

### Test that Pi is up and Running

#### 1) Try to ssh into pi to see that it is on.

- a) Run command: `ssh pi@68.234.149.213`
  - i) Password is: cs414
- b) Exit out after this just need to make sure that it is up and running.

## Running Application

- 1) In the repo inside eclipse, open Application.java and run the class

## Testing Application (JUnit)

- 1) Go to test classes and run as JUnit test in eclipse