**CS 6460: Threem Team Final Project**

Directory structure:

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| --- | --- |
| **Path** | **What does it contain?** |
| ~/ | Everything (including this file) |
| ~/src/ | All code |
| ~/src/server/ | Server-side API code |
| ~/src/shared/ | Anaconda environment files |
| ~/src/mobile\_app/SCI Recovery/ | iOS project |
| ~/src/mobile\_app/SCI Recovery/SCI Recovery/ | Core iOS Swift code |
| ~/src/ml/ | All ML code |
| ~/src/ml/notebooks/ | ML ad hoc research code |
| ~/src/ml/modelling/ | ML training, testing, and feature importance code |
| ~/src/ml/modelling/pickles/ | ML model training outputs |
| ~/src/ml/modelling/plots/ | ML feature importance graphs |
| ~/src/ml/data/ | ML data handling and transformation code |
| ~/src/ml/data/csvs/ | Raw dataset |
| ~/src/ml/data/docs/ | Raw dataset documentation |
| ~/src/ml/data/utils/ | Commonly used utilities for data handling and transformation |

How to run everything (the easy way):

The easiest way, by far, is to get the iOS application:

1. Get access to an iOS device running version 13+
2. Download Apple’s official TestFlight application from the app store
3. Visit <https://testflight.apple.com/join/qWvhNwVF>
4. Click “Start Testing” on the page to download the SCI application
5. Open and use the mobile application

How to run everything (the hard way):

Please see the detailed instructions in ~/README.md to run everything locally across two computers. You will need either an Ubuntu or Windows computer with Git and Anaconda (or Miniconda) to run the machine learning and server-side code. To run the iOS application, an OS X computer with Xcode and Cocoapods is required.