Code Execution

Part 1 – Models and Voice

(Keep all files in the folders which they are in as some are called by other files)

1. python model.py: Both the models (logit and CNN) run simultaneously for the ppg and voice to evaluate them.

2. python app.py: Run the flask app.py for the user to login and see the stress metrics and graphs throughout the day. Sample user: Triam and password: hello

3. python extract_files.py: Run this to download the audio files locally from the drive link shared(which must have edit access by all having the link)

Part 2 – Fitbit Application

1. Make sure you have a Fitbit wearable smartwatch that runs **FitbitOS v4.3** or above.
2. Create a fitbit developer account if none exists.
3. Create a new blank project
4. Drag and drop the files and folders in **Wearable** folder onto fitbit developer console.
5. Build the project
6. On Fitbit app on smartphone, sync fitbit device (make sure on same account on both phone and wearable), make sure the wearable and phone are connected to same wifi network and that bluetooth and locations access is enabled
7. Enable developer bridge on Fitbit app on phone
8. Enable developer bridge on wearable (in settings)
9. Connect both device and wearable to the developer console
10. Once connected, click Run to automatically install and run the application on the wearable and companion device.