



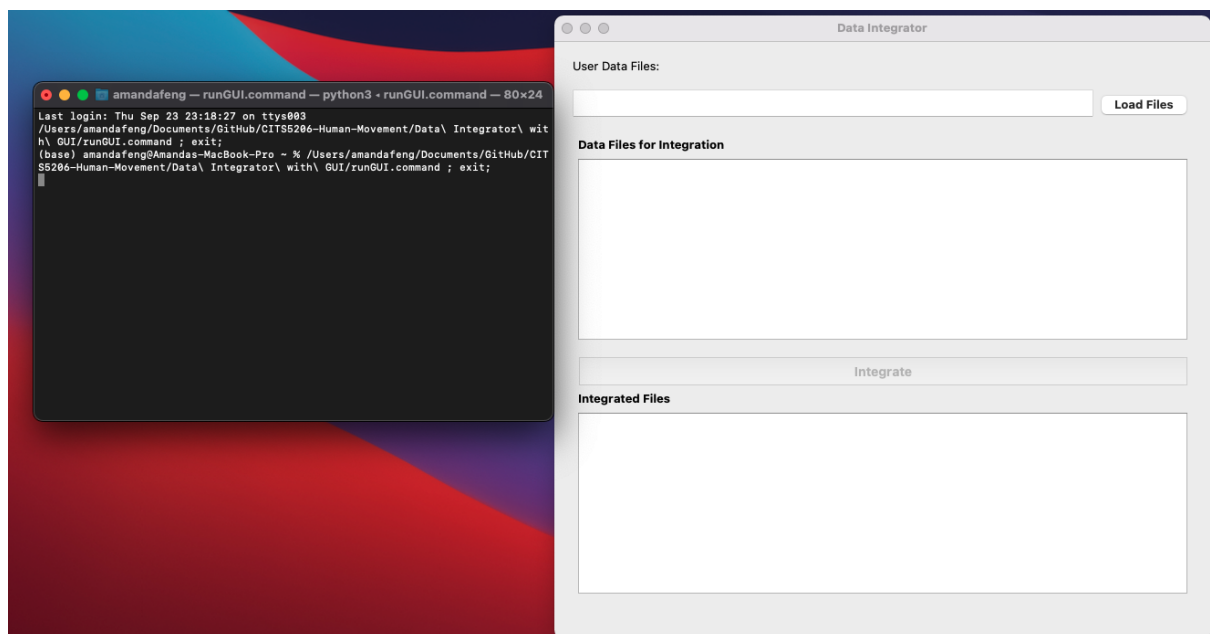


User Manual for Integrator

step 1: Go to the Data Integrator with GUI folder, double click <runGUI.command>. The integrator page will appear.

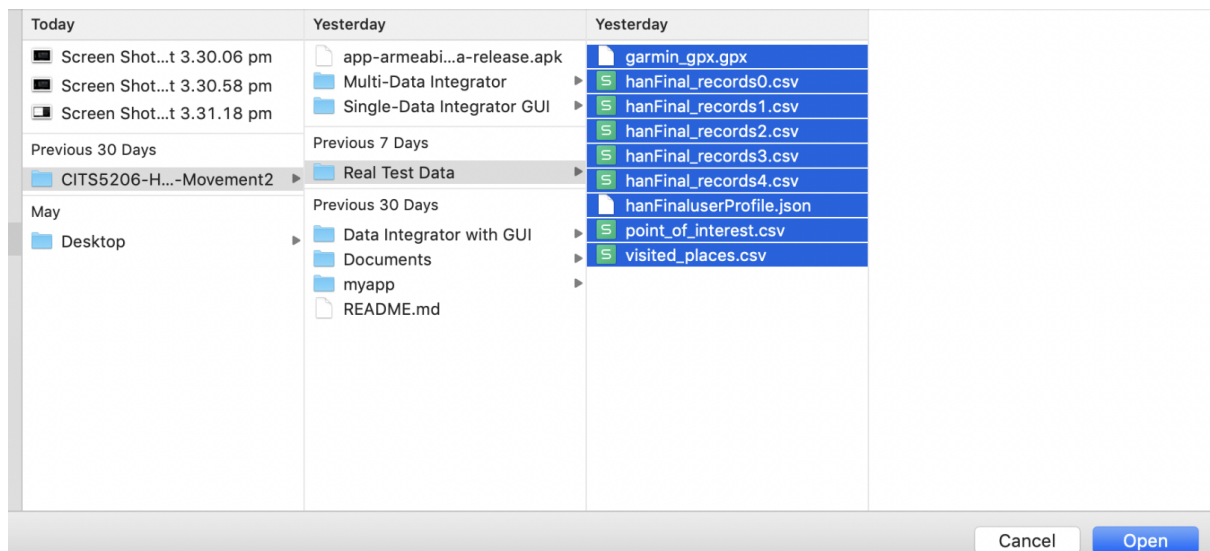
Name	Date Modified
 firstSetup.command	Yesterday at 12:37 pm
 README.md	12 Oct 2021 at 12:57 pm
 runGUI	Yesterday at 2:34 pm
 runGUI.command	Today at 3:30 pm



Step 2: Click the <Load File> bottom, finder will pop up for you to select files (The name has already been pre-set, please do not rename the files while integrating them.).

Only files named below will be integrated.

- point_of_interest.csv
- <username>_records<number>.csv (This file is mandatory for every integration)
- visited_places.csv
- garmin_gpx.gpx



Step 3: After file being selected, click the Integrate bottom.

User Data Files:

/Users/liyadi0228icloud.com/Desktop/CITS5206-Human-Movement2/Real Test Data

Load Files

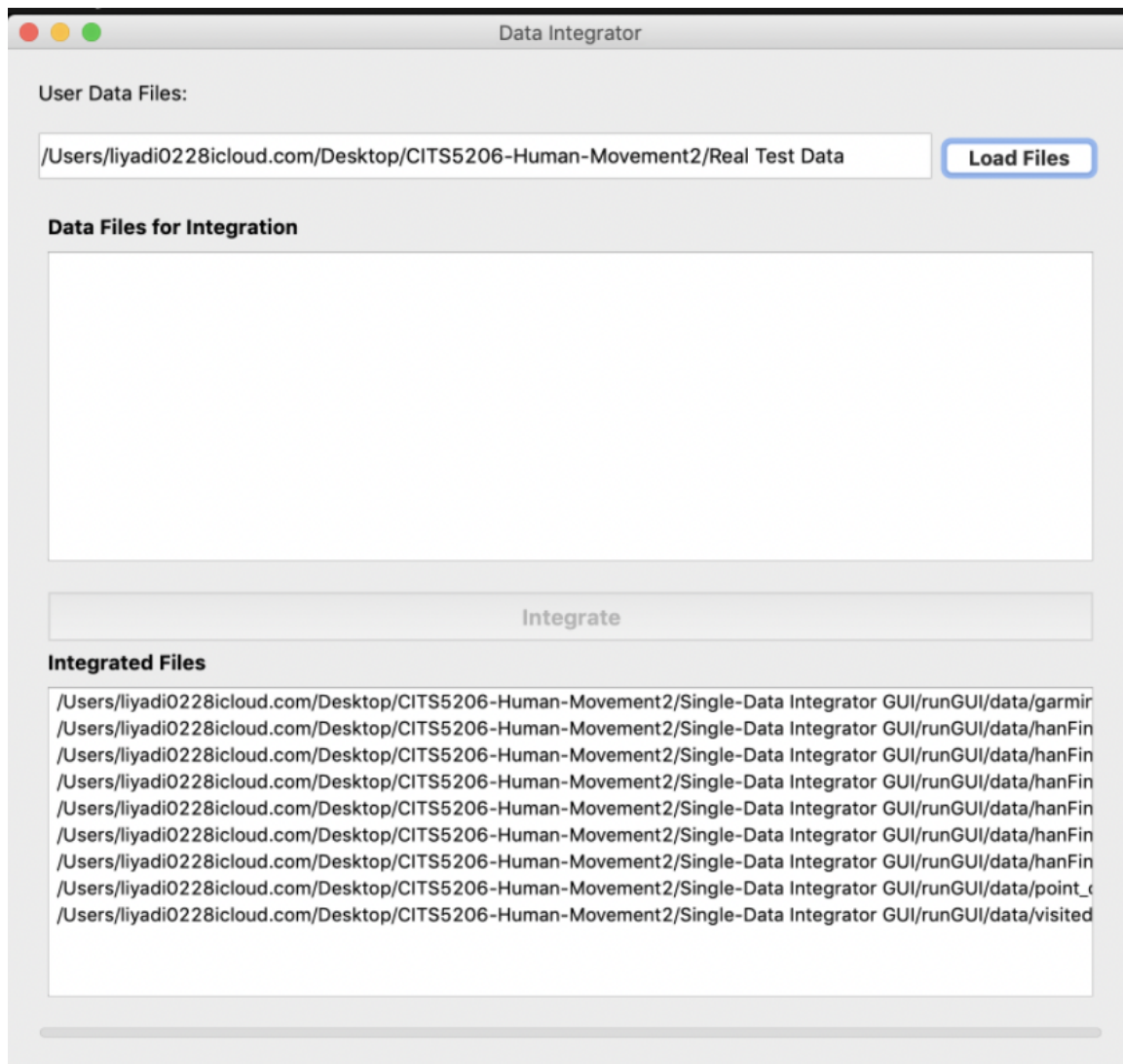
Data Files for Integration

/Users/liyadi0228icloud.com/Desktop/CITS5206-Human-Movement2/Real Test Data/garmin_gpx.gpx
/Users/liyadi0228icloud.com/Desktop/CITS5206-Human-Movement2/Real Test Data/hanFinal_records0.csv
/Users/liyadi0228icloud.com/Desktop/CITS5206-Human-Movement2/Real Test Data/hanFinal_records1.csv
/Users/liyadi0228icloud.com/Desktop/CITS5206-Human-Movement2/Real Test Data/hanFinal_records2.csv
/Users/liyadi0228icloud.com/Desktop/CITS5206-Human-Movement2/Real Test Data/hanFinal_records3.csv
/Users/liyadi0228icloud.com/Desktop/CITS5206-Human-Movement2/Real Test Data/hanFinal_records4.csv
/Users/liyadi0228icloud.com/Desktop/CITS5206-Human-Movement2/Real Test Data/hanFinaluserProfile.json
/Users/liyadi0228icloud.com/Desktop/CITS5206-Human-Movement2/Real Test Data/point_of_interest.csv
/Users/liyadi0228icloud.com/Desktop/CITS5206-Human-Movement2/Real Test Data/visited_places.csv

Integrate

Integrated Files

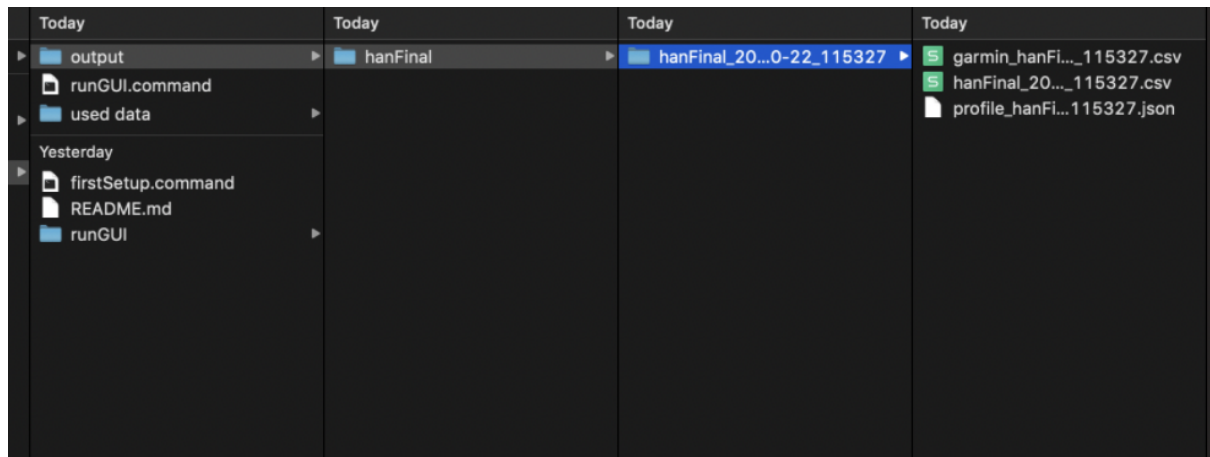
This is how it looks after integrated



Step 4: Go to the <Data Integrator with GUI> folder, find the <output> folder. You'll find the integrated data.

Inside the output folder, The <username>Final<integration time> folder contains folder(s) for each integration. There are 3 files under this folder

- garmin_<username>Final_<integration time>.csv is the data converted from the garmin GXP file, it contains all the health information and location data.
- <username>Final_<integration time>.csv is the data has has been integrated, including mobile data, garmin data, visited places and point of interest data.
- profile_<username>Final_<integration time>.json is the data the user used in the mobile app.



Addition:

The data have been used for integration will be organised into a folder called **used data**. It will organise the used data according to the user and integration time.

