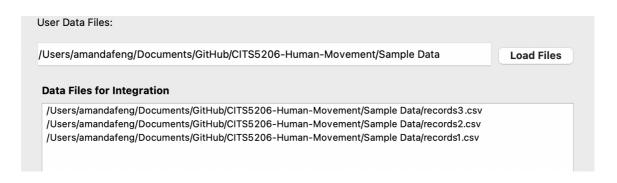# Manual Test Guide for Integrator

1. Follow the integrator user manual to open the integrator.

2. In the loading file step, select all the <records*.csv> file.
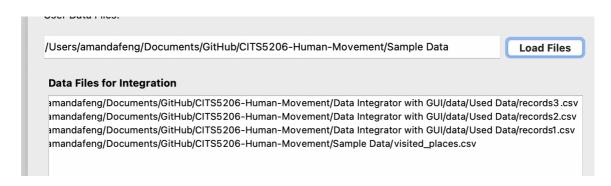

The output data will be like:

3. In the loading file step, select all the <records*.csv> file and <visited_places.csv>.

The output will be like:

finalData

id	date	latitude	longitude	speed	vis_name	vis_activity1	vis_activity2	vis_activity3	vis_lat	vis_long
han	2021-08-25 17:25:42.717	-31.9848542	115.8194963	0	home	sleep	walk	study	-31.98486831	115.8195166
han	2021-08-27 17:25:42.717	-31.9834542	115.8149963	0						
han	2018-11-07 00:40:56+00:00	-31.9848542	115.8194963	0	home	sleep	walk	study	-31.98486831	115.8195166

4. In the loading file step, select all the <records*.csv> file, <visited_places.csv> and <locations.csv>.

ng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data   **Load Files**

Data Files for Integration

dafeng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/visited_places.csv
dafeng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records3.csv
dafeng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records2.csv
dafeng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/locations.csv
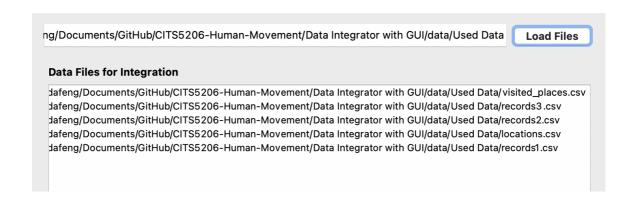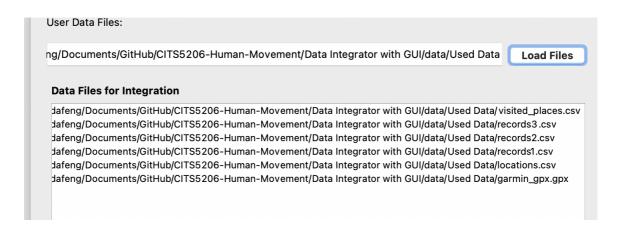dafeng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records1.csv

The output will be like:

finalData

id	date	latitude	longitude	speed	vis_name	vis_activity1	vis_activity2	vis_activity3	vis_lat	vis_long	loc_name	loc_lat	loc_long
han	2021-08-25 17:25:42.717	-31.9848542	115.8194963	0	home	sleep	walk	study	-31.98486831	115.8195166			
han	2021-08-27 17:25:42.717	-31.9834542	115.8149963	0							School	-31.98345556	115.8149555
han	2018-11-07 00:40:56+00:00	-31.9848542	115.8194963	0	home	sleep	walk	study	-31.98486831	115.8195166			

5. In the loading file step, select all the <records*.csv> file, <visited_places.csv>, <locations.csv> and <garmin_gpx.gpx>.

User Data Files:

ng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data   **Load Files**

Data Files for Integration

dafeng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/visited_places.csv
dafeng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records3.csv
dafeng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records2.csv
dafeng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records1.csv
dafeng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/locations.csv
dafeng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/garmin_gpx.gpx

The output will be like:

id	date	latitude	longitude	speed	vis_name	vis_activity1	vis_activity2	vis_activity3	vis_lat	vis_long	loc_name	loc_lat	loc_long	garmin_lat	garmin_long	garmin_alt
han	2021-08-25, 17:25	-31.9848542	115.8194963	0	home	sleep	walk	study	-31.98486831	115.8195166						
han	2021-08-27, 17:25	-31.9834542	115.8149963	0							School	-31.98345556	115.8149555			
han	2018-11-07, 00:40	-31.9848542	115.8194963	0	home	sleep	walk	study	-31.98486831	115.8195166				-31.984057305380700	115.76817948371200	9.600000381469730

6. In the loading file step, select all the <records*.csv> file and <locations.csv>.

User Data Files:

ng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data   Load Files

Data Files for Integration

eng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records3.csv
eng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records2.csv
eng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records1.csv
eng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/locations.csv

The output will be like:

finalData

id	date	latitude	longitude	speed	loc_name	loc_lat	loc_long
han	2021-08-25 17:25:42.717	-31.9848542	115.8194963	0			
han	2021-08-27 17:25:42.717	-31.9834542	115.8149963	0	School	-31.98345556	115.8149555
han	2018-11-07 00:40:56+00:00	-31.9848542	115.8194963	0			

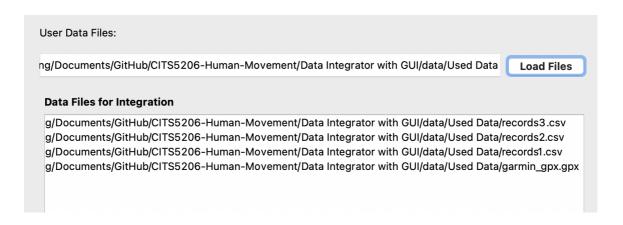7. In the loading file step, select all the <records*.csv> files, <locations.csv> and <garmin_gpx.gpx>.

User Data Files:

ng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data   Load Files

Data Files for Integration

g/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records3.csv
g/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records2.csv
g/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records1.csv
g/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/locations.csv
g/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/garmin_gpx.gpx

The output will be like:

id	date	latitude	longitude	speed	loc_name	loc_lat	loc_long	garmin_lat	garmin_long	garmin_alt
han	2021-08-25, 17:25	-31.9848542	115.8194963	0						
han	2021-08-27, 17:25	-31.9834542	115.8149963	0	School	-31.98345556	115.8149555			
han	2018-11-07, 00:40	-31.9848542	115.8194963	0				-31.984057305380700	115.76817948371200	9.600000381469730

finalData

8. In the loading file step, select all the <records*.csv> files and <garmin_gpx.gpx>.

User Data Files:

ng/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data   [Load Files]

Data Files for Integration

g/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records3.csv
g/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records2.csv
g/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/records1.csv
g/Documents/GitHub/CITS5206-Human-Movement/Data Integrator with GUI/data/Used Data/garmin_gpx.gpx

The output will be like:

id	date	latitude	longitude	speed	loc_name	loc_lat	loc_long	garmin_lat	garmin_long	garmin_alt
han	2021-08-25, 17:25	-31.9848542	115.8194963	0						
han	2021-08-27, 17:25	-31.9834542	115.8149963	0	School	-31.98345556	115.8149555			
han	2018-11-07, 00:40	-31.9848542	115.8194963	0				-31.984057305380700	115.76817948371200	9.600000381469730

finalData

If all the final data is the same as expected, the tests all passed.