

## Links for Deliverable 3a

Our client (researchers) want to find out the effect of human travelling habit on their fitness. This project is to help our client to collect Human Movement Data for their research.

### **This project consist of two parts:**

1. An app for survey participants to provide their location data and related habits.
  2. A PC software to preprocess and integrate the data from mobile app and smartwatch for easier use.
- In the time being,

Part 1's app only run on Android phone and Part 2's PC software only runs on Mac.

Due to time constraint, we only choose one platform that is more suitable. For example, Part 2's PC software prioritize Mac because our client uses Mac. However, this project can be extended into cross-platforms in the future.

#### 1) Tracker App Source Code:

<https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/myapp>

#### 2) Tracker App APK:

<https://github.com/Hanchooi/CITS5206-Human-Movement>

For client: <https://github.com/Hanchooi/TrackerApp-for-Client> (Public)

#### 3) Tracker App Test:

<https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/myapp/test>

#### 3) Data Integrator:

[https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/Data\\_Integrator](https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/Data_Integrator)

For client: <https://github.com/Hanchooi/Integrator-for-Client> (Public)

#### 4) Data Integrator Automated Test (runTest.command):

[https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/Data\\_Integrator/Single-User\\_Integrator\\_GUI/runGUI](https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/Data_Integrator/Single-User_Integrator_GUI/runGUI)

#### 5) Data Integrator GUI and Test source code:

[https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/Data\\_Integrator/Single-User\\_Integrator\\_GUI/runGUI/integrator](https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/Data_Integrator/Single-User_Integrator_GUI/runGUI/integrator)

#### 6) Test Data for Integrator:

[https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/Data\\_Integrator/Real\\_Test\\_Data](https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/Data_Integrator/Real_Test_Data)

#### 7) Sample Output for Integrator:

[https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/Data\\_Integrator/Sample\\_Output](https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/Data_Integrator/Sample_Output)

#### 8) User Manuals:

<https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/Documents/Manuals>

#### 9) Open Issues, Hand-over document and other documents:

<https://github.com/Hanchooi/CITS5206-Human-Movement/tree/main/Documents>

## 10) Data Storage for Integrator:

<https://console.firebase.google.com/u/0/project/human-movement-308d9/storage/human-movement-308d9.appspot.com/files> (Provide gmail address to get access)

The screenshot shows the Firebase Storage console interface. The left sidebar contains the Firebase logo and navigation links: Project Overview, Build (Authentication, Firestore Database, Realtime Database, Storage, Hosting, Functions, Machine Learning), Release and monitor, Extensions, and Spark (Free \$0/month, Upgrade). The main content area displays the 'Storage' section for the 'human-movement' project. It includes a warning banner about protecting resources from abuse and a 'Configure App Check' link. Below this, a table lists the contents of the storage bucket 'gs://human-movement-308d9.appspot.com'. The table has columns for Name, Size, Type, and Last modified. It shows seven folders: Amanda/, Jenny/, Jialing-test/, hanFinal/, parker/, and yyy4/. An 'Upload file' button is visible in the top right of the table area.

Name	Size	Type	Last modified
Amanda/	—	Folder	—
Jenny/	—	Folder	—
Jialing-test/	—	Folder	—
hanFinal/	—	Folder	—
parker/	—	Folder	—
yyy4/	—	Folder	—