CSE 535 Assignment 2

Due Date: August 12th, 2020 midnight.

The main purpose of assignment 2 is to write a server side code that extracts location information from 11 subjects for the past 7 days and determines a contact graph. The contact graph will have 11 nodes. If a subject has been in contact with another subject then there will be an edge between those two nodes. If not then no edge.

Data used: Yonsei dataset, that consists of database files for 11 subjects including location information.

<https://drive.google.com/drive/folders/0B1Un1MahpW82OFhUS2djY3V6YUE?usp=sharing>

Steps required

1. Install an Nginx server in your local machine
2. Write a indexLoc.html file that takes a subject ID and day as input
3. It then calls a .js script that in turn calls process.php. The php script runs a python code in your local machine.
4. Write your database read and contact graph building code in python.
5. Return a text file with the adjacency matrix of the contact graph.

Submit your indexLoc.html, .js file and process.php file as well as the python code for database read and contact graph building code in Canvas.