Read Me

How to run the project:

1. The project has its algorithms implemeted in Python. Hence, the UI requires an active exchange of data with a Python web framework.
   We have used Anaconda (Spyder) IDE to run the web server code and the algorithms. So, the first step would be inst--alling Anaconda. (Alternatively, the project can be uploaded on a web-server that has support for Python scripts.)

2. The principal Python script that handle web requests and maintains and executes algorithms is **snap.py**
   Run the snap.py file in Spyder IDE. This will initiate a server that is capable of serving web requests.

3. By default, the server listens at 'localhost:8080' address (without quotes). Entering the address should land you on the homepage of the Web UI.

4. In the 'Algorithms' section of the webpage, there are four options, one for each algorithm. Selecting any of them will change the view of the interface, the new view will ask for the Graph Input, Seed Set List or other parameter(s).

5. Further instructions will be presented on the web pages that will open.

Note:
a. The project's csv folder has few sample csv for 'Graph Input' and 'Seed Set'.
b. 'lib' folder has the algorithm's .py files.