

What is claimed is:

1. A system comprising:
 - a hardware platform comprising at least one computer processor;
 - an analysis system executing on said hardware platform configured to:
 - receive raw location observations, said raw observations comprising a device identifier, a timestamp and a location definition;
 - process said raw location observations into a plurality of mobility genes, said mobility genes comprising visits, each of said visits being identified by:
 - determining a distance traveled from a previous observation;
 - determining whether said previous observation was classified as a stay;
 - when said previous observation is classified as a stay, applying a first predefined radius and time period as a classification threshold;
 - when said previous observation is not classified as a stay, applying a second predefined radius and time period as said classification threshold; and
 - applying said classification threshold to identify each of said visits;
 - store said mobility genes;
 - receive a request for at least one of said mobility genes; and
 - transmit said at least one of said mobility genes in response to said request.
2. The system of claim 1, said raw location observations comprising telecom location observations.
3. The system of claim 2, said telecom location observations comprising access point connection locations.
4. The system of claim 2, said telecom location observations comprising locations determined by mobile devices.
5. The system of claim 1, said analysis system further configured to:
 - identify a first location;
 - identify a subset of said raw location observations comprising said first location;
 - generate a set of location statistics for said first location; and

store said set of location statistics as one of said mobility genes.

6. The system of claim 5:
said first location being a location type; and
said subset of raw location observations being for locations comprising said location type, said subset of raw location observations being for a plurality of physical locations.
7. The system of claim 5, said location statistics comprising a length of stay.
8. The system of claim 5:
said request comprising inbound trajectories; and
said mobility genes comprising inbound trajectories.
9. The system of claim 8, said mobility genes further comprising at least one statistic representing said inbound trajectories.
10. The system of claim 5:
said request comprising outbound trajectories; and
said mobility genes comprising outbound trajectories.
11. The system of claim 10, said outbound trajectories being anonymized trajectories.
12. The system of claim 11, said anonymized trajectories being truncated trajectories.
13. The system of claim 10, said outbound trajectories comprising a transport mode.
14. A method performed on at least one computer processor, said method comprising:
receiving raw location observations, said raw observations comprising a device identifier, a timestamp and a location definition;
processing said raw location observations into a plurality of mobility genes, said mobility genes comprising visits, each of said visits being identified by:
 - determining a distance traveled from a previous observation;
 - determining whether said previous observation was classified as a stay;
 - when said previous observation is classified as a stay, applying a first predefined radius and time period as a classification threshold;
 - when said previous observation is not classified as a stay, applying a second predefined radius and time period as said classification threshold; and

applying said classification threshold to identify each of said visits;
storing said mobility genes;
receiving a request for at least one of said mobility genes; and
transmitting said at least one of said mobility genes in response to said request.

15. The method of claim 14 further comprising:
identifying a first location;
identifying a subset of said raw location observations comprising said first location;
generating a set of location statistics for said first location; and
storing said set of location statistics as one of said mobility genes.
16. The method of claim 15:
said first location being a location type; and
said subset of raw location observations being for locations comprising said location type, said subset of raw location observations being for a plurality of physical locations.
17. The method of claim 15:
said request comprising inbound trajectories; and
said mobility genes comprising inbound trajectories.
18. The method of claim 17, said mobility genes further comprising at least one statistic representing said inbound trajectories.
19. The method of claim 15:
said request comprising outbound trajectories; and
said mobility genes comprising outbound trajectories.
20. The method of claim 19, said outbound trajectories being anonymized trajectories.