Claims

We Claim,

1. A method of connecting users of wearable devices (710-770), said method comprising:

scanning and sensing, by a device (710), the location of wearable devices in the first network;

collecting, by the device (710), a UID (user identification) of a first set of wearable devices (720-770) that are within the vicinity of the device (710), wherein the vicinity is a Bluetooth coverage area of the device (710);

retrieving, by the device (710), a profile and a performance metric (300) comprising sensor data of each wearable device in the first set of wearable devices (710-770), wherein the sensor data of each wearable device is received from plurality of sensors configured in the subject wearable devices, wherein the plurality of sensors includes at least one of, health monitoring sensors (210A-210K), inertial navigation sensors (230A-230J), position sensors (220A- 220P) and a temperature sensor (280), wherein, a first set of sensor data, a user profile data and a preference data is selected for determining a first activity, wherein, the first set of sensor data is the data received from plurality of sensors including a pedometer data, an altitude data, blood pressure, heart beat, a geographical data, accelerometer data, blood sugar data, wherein, the user profile data is the set of information collected from the user includes at least one of user's name, age, and gender, wherein, the preference data is the set of information collected from the user includes at least one of user's food type, hobbies, sports, and interests, wherein, at least the first activity is determined from the subject first set of sensor data collected over a first period of time, and wherein, the performance metric is generated for the first activity, wherein the subject metric is a performance of a user in relation to the first activity with respect to the first period of time;

comparing, by the server cluster, the performance metrics (300) of the users to determine similar performances, wherein, a weightage and a priority is assigned to each data and a priority is assigned for parameters in the activity profile, and deriving similarity in the user profile based on performance metric measured on a pre-set scale for each data; and

connecting, by the server cluster, the users of the wearable devices (720-770) with user of device (710) exhibiting similar performance metrics when users are identified and determined in vicinity of device (710) wherein, when the weightage is greater than a threshold value for at least three data, and when a top three priority data

has weightage greater than the threshold value, and wherein when weightage and priority for data is unavailable, connecting the users with similar performances metrics on a social network platform;

2. The method as claimed in claim 1, further comprising:

determining first activity as “walking” when the pedometer data (310) is in the range of 30-50 counts, the accelerometer data (360) is in the range of 2 - 4KM/Hrs, and the geographical data (350) indicate a path;

determining first activity as “running” when the pedometer data (310) is in the range of 51-100 counts, the accelerometer data (360) is in the range of 5.1 - 10 KM/Hrs, and the geographical data (350) indicate a path on the referenced map;

determining first activity as “Cycling” when the pedometer data (310) is substantially zero, the accelerometer data (360) is in the range of 5.1- 15 KM/Hrs, the geographical data (350) indicate a path on the referenced map and the heart beat (340) is in the range of 90-120 counts /Min; and

determining first activity as “Treadmill” when the pedometer data (310) is in the range of 30-100 counts, the accelerometer data (360) is substantially zero, and position data indicate a fixed point.

3. The method as claimed in claim 2, further comprising:

forming, by the server cluster, an activity profile from the sensor data measured during the first activity and the preference data; and

ranking, by the server cluster, based on the first period of time and selecting the first set of sensor data for determining the first activity.

4. The method as claimed in claim 3, wherein the activity profile is “running activity” and comprises the data of calorie burnt, time of activity, distance covered, heart rate, pattern of the activity, activity history, pace and age, and the preference data comprises the food type, hobbies, sports, and interests.