Claims

We Claim,

1. A method for triggering a notification to a user in a smart wearable device, the method comprising:

identifying, by an application server, an event from a plurality of events and monitoring the event in real time;

receiving, by the application server, event activity data relating to the event from at least one external server;

transmitting, by the application server, the event activity data to a mobile device;

determining, by the mobile device, user-specific filtering criteria including at least one of: user event preference, and user event status in relation to the event activity data;

processing, by the mobile device, the received event activity data to generate a reduced dataset by selectively filtering only event activity data that satisfies the user-specific filtering criteria;

transmitting, by the mobile device, only the reduced dataset to the smart wearable device over a bandwidth-limited BL or BLE communication link, thereby reducing data transmission load associated with the bandwidth-limited communication; and

receiving and triggering, by the smart wearable device, at least one notification based on the reduced dataset.

2. The method of claim 1, wherein the reduced dataset comprises only event activity data corresponding to predefined event conditions associated with the user preference and user status, such that transmission over the BL or BLE communication link is minimized.

3. The method of claim 1, further comprising:

listing, by the mobile device, a plurality of events including live, upcoming, and recorded events;

receiving, by the application server, user-selected events and associated preferences from the mobile device;

categorizing and prioritizing, by the application server, the selected events based on user interest; and

displaying, by the mobile device, a prioritized list of events, wherein the user-specific filtering criteria is derived from the prioritized list.

4. The method of claim 3, wherein the user-specific filtering criteria is dynamically updated by the application server based on historical interaction data and real-time event activity patterns.
5. The method of claim 1, wherein the event comprises at least one of a physical event or a virtual event.
6. A system for triggering a notification to a user, the system comprising:
   a smart wearable device configured to receive data and generate a notification;
   a mobile device configured to:
      receive event activity data from an application server, determine user-specific filtering criteria including user preference and user status, process the event activity data to generate a reduced dataset by selectively filtering the event activity data, and transmit only the reduced dataset to the smart wearable device over a bandwidth-limited BL or BLE communication link;
   an application server configured to:
      receive real-time event activity data from at least one external server, and transmit the event activity data to the mobile device; and a database configured to store user data, event data, and preference data, wherein the mobile device reduces data transmission to the smart wearable device by transmitting only the reduced dataset over the bandwidth-limited communication link.
7. The system of claim 6, further comprising:
      an external server configured to provide event occurrence data;
      a second network connecting the application server and the external server; and
      an external database storing event data.
8. The system of claim 6, wherein the mobile device is configured to display selectable events and receive user-defined preferences.
9. The system of claim 6, wherein the application server is configured to categorize and prioritize events based on user interest.
10. The system of claim 6, wherein the application server is configured to automatically update user-specific filtering criteria.