13-December-2014

Patent Search & Analysis Report (PSAR)

Team Id	:	14011
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Part - I : PATENT SEARCH TECHNIQUE USED

Patent Search Database Used	:	USPTO Patent Database
Keywords Used for Search	:	routine,daily,individuals
Search String Used	:	daily routine
Number of Results/Hits getting	:	38,419

Part - II : BASIC DATA OF PATENTED INVENTION/BIBLIOGRAPHIC DATA

Category/Field of Invention	:	COMPUTER SCIENCE 8
Invention is Related to/Class of Invention	:	Data Informatics
Title of Invention	:	Determining an individuals daily routine
Patent No.	:	
Application No.	:	US 14/060,122
Date of Filing/Application	:	22/10/2013
Priority Date	:	16/02/2007
Publication/Journal Number - (Issue No. of Journal in which Patent is published)	:	US20140180993 A1
Publication Date	:	26/06/2014
First Filled Country	:	United States
Also Published as		

Country	Patent No

Applicant for Patent is	:	Company

- INVENTOR DETAIL

Name of Inventor	Address/City/Country of Inventor
John M Stivoric	Pittsburgh, PA
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- APPLICANT/ASSIGNEE DETAIL

Name of Applicant/Assignee	Address/City/Country of Applicant
Bodymedia Inc	Pittsburgh PA

Part - III : TECHNICAL PART OF PATENTED INVENTION

Limitation of Prior Technology/Art :

Vast resources have been devoted to the sequencing of the human genetic code and to cataloging the influence of genes and other physiological traits. However, a major component of health and wellness can be attributed to the interactions of subjects with their environment, including their lifestyles. Despite the widely accepted view that lifestyle activities, such as those related to diet, exercise, sleep habits and the like, affect health and wellness, efforts to catalog those effects to date have been limited.

Specific Problem Solved/Objective of Invention :

A need exists for methods and systems that systematically catalog the effects of various human lifestyles on a wide range of outcomes; that is, a need exists to sequence the human lifestyle. The low cost and ready availability of sensors has reduced costs of collecting data. In addition, improved data integration and processing methods have allowed for use of existing data sources. However, this wealth of data has not yet led to a better overall understanding of the influence of particular lifestyles; instead, the wealth of data has overwhelmed existing systems and methods. A need exists for methods and systems that allow for systematic analysis of lifestyle data.

Brief about Invention :

The methods and systems described herein may involve determining at least one lifeotype of at least one individual, analyzing the at least one lifeotype, and delivering content to at least one individual based on the analysis. The methods and systems described herein may involve providing a game, determining at least one lifeotype of at least one player of the game, analyzing the at least one lifeotype, and affecting the game play based on the analysis. The methods and systems described herein may involve providing an interactive space, determining at least one lifeotype of at least one individual in the space, analyzing the at least one lifeotype, and modifying at least one attribute of the space based on the analysis.

Key Learning Points :

the concept of a "lifeotype" encompasses classifying human state data, or other data concerning a population or sub-population of individuals, into "types" that correspond to certain combinations of traits or aspects of human lifestyle, human status and/or human condition. In embodiments, the concept of a lifeotype may also be applied to other organisms. By analyzing patterns within and across the lifeotypes, one can draw conclusions, make inferences , and make predictions about each type that apply to the members of the type or to groups of individuals of that type.

Summary of Invention :

The invention may include methods and systems involving assembling data from at least one data source into at least one life bit, assembling the at least one life bit into at least one life byte and analyzing the at least one life byte to determine at least one lifeotype. In one embodiment, each life byte consists of a plurality of life bits, and life bytes are organized into sequences, each of which can be characterized as a life byte sequence.

Number of Claims	:	9
Patent Status	:	Published Application
How much this invention is related with your IDP/UDP?	:	> 91 %

Do you have any idea to do anything around the said invention to improve it? :

The described sensors should be available inside the mobile device and the mobile applications should be developed.