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Patent Search & Analysis Report (PSAR)

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Part - I : PATENT SEARCH TECHNIQUE USED

Patent Search Database Used	:	Google Patents
Keywords Used for Search	:	client server Connection,client Server Datasharing,master slave connection
Search String Used	:	client server connection
Number of Results/Hits getting	:	458,000

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

Category/Field of Invention	:	
Invention is Related to/Class of Invention	:	data transfer
Title of Invention	:	SYSTEM TO DYNAMICALLY COLLECT AND SYNCHRONIZE DATA WITH MOBILE DEVICES
Patent No.	:	US 20140039916A1
Application No.	:	14/047,614
Date of Filing/Application	:	07/10/2013
Priority Date	:	07/10/2013
Publication/Journal Number - (Issue No. of Journal in which Patent is published)	:	US2014/0039916A1
Publication Date	:	06/02/2014
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
CharlesBarden	waconia,MN (US)
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- APPLICANT/ASSIGNEE DETAIL

Name of Applicant/Assignee	Address/City/Country of Applicant
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Part - III : TECHNICAL PART OF PATENTED INVENTION

Limitation of Prior Technology/Art :

Thisinventionrelatestosoftware,communications and methods to assess energy balance; obtain context infor mation on actions and environment; and support individuals, their clinicians or other practitioners to promote a healthy lifestyle by managing Weight, diet, addiction and other behaviors. More speci?cally, the invention can be used to collectinformationandresponsesonfoodchoicesandintake, activity diaries, ratings of exertion, mood, companions and other input sought by researchers, clinicians, advisers or counselors.

Specific Problem Solved/Objective of Invention :

create and modify Surveys and Items for individual Participants or groups of Participants:
create Prompts and Annunciations that can be independent or associated With the Surveys; associate the Annunciations and presentation of the Items With Triggers related top redetermined conditions; deploy the Surveys to Participant Devices;
or in response to Triggers and gather Participant.

Brief about Invention :

The Weight status of Americans has been declared a serious public health problem and is already burdening our health care systems. Obesity and loW physical activity are prime risks for multiple forms of morbidity and mortality including several chronic diseases (coronary heart disease, Type I Diabetes, arthritis, sleep apnea and some forms of cancer).Obesity and overWeight are a result of energy imbalance for excess macronutrientin take and loW levels of physical activity.

Key Learning Points :

Electronic EMA (eEMA) methods are a further improvement that replace paper surveys and increase privacy. EMA has become a popular tool to collect data and in?Hence behavior change. EMA allows researchers and clinicians to obtain behavioral , social context,and individual cognition in nearrealtime.eEMA has been demonstrated as superior to other methods, especially paper, for avoiding recall bias.

Summary of Invention :

The invention could be used in any situation in Which a person or entity Wishes to collect data from and on individuals Who have agreed to provide that data. For example,thisinventioncouldbeusedbymarketresearchers Wishingtocollectdatafrompotentialusersofanew product.

Number of Claims : 141

Patent Status : Published Application

How much this invention is related with your IDP/UDP? : < 70 %

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

The present invention is a system to alloW a Researcher to easily and dynamically manage the col lectionandsynchronizationofdataofvarioustypesfromone or more Participants via a Participant Device , then to process, validate and revieW the returned data. For ease of understanding, examples in this description employ terminology from Javascript® forAndroid® on participant devices and on operations on a server use SQLite® and php script.