



Patent Search & Analysis Report (PSAR)

Team Id : 14011
Name : PATEL AKSHARKUMAR BABULAL

Part - I : PATENT SEARCH TECHNIQUE USED

Patent Search Database Used : USPTO Patent Database
Keywords Used for Search : productivity,improvement,personal
Search String Used : personal productivity
Number of Results/Hits getting : 322

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

Category/Field of Invention : COMPUTER SCIENCE &
Invention is Related to/Class of Invention : Productivity
Title of Invention : Method and System for Improving Personal Productivity in Home Environments
Patent No. :
Application No. : US 14/084,934
Date of Filing/Application : 20/11/2013
Priority Date : 21/10/2010
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First Filled Country : United States
Also Published as

Country	Patent No

Applicant for Patent is : Company



GTU - Prior Art Search

- INVENTOR DETAIL

Name of Inventor	Address/City/Country of Inventor
Benjamin Falchuk	Upper Nyack, NY
Shoshana K Loeb	Philadelphia, PA

- APPLICANT/ASSIGNEE DETAIL

Name of Applicant/Assignee	Address/City/Country of Applicant
Telcordia Technologies Inc	Piscataway NJ



Part - III : TECHNICAL PART OF PATENTED INVENTION

Limitation of Prior Technology/Art :

Productivity has long been a goal for information workers and factory workers but now, with the emergence of so-called smart-homes, it has become more feasible to enable productivity and efficiency in the home. With an aging population, the dramatic increase in the size of homes, and the increased pressure on people's time, any technology focused on simplifying and decluttering the daily routines is desirable.

Specific Problem Solved/Objective of Invention :

While today's corporate productivity tools may manage tasks, contacts, and progress, there is no such system to augment productivity within the home. At the home, household tasks such as laundry, taking out the garbage, cleaning, etc. would benefit from systematic management (the user may also be in a hybrid context in which he is at home and also teleworking).

Brief about Invention :

Method and system for improving personal productivity in home environments may store state information associated with an environment and one or more users in a knowledge base, detected activity of a user, infer location of the user based on the detected activity, and suggest one or more tasks to be performed based on the inferred user location.

Key Learning Points :

while corporate systems have inventory management there is no system that helps users track the dynamically changing location of household items and their interrelationships. Also, despite smart-home advancements, fine-grain sensing and exploitation of user activity has yet to be fully realized and there is no standard for expressing the semantics of houses and the activities taking place within them. Today's typical smart home deployments do not generally attempt to be proactive, nor do they integrate with a broad range of user contexts and tasks. Smart-homes are usually comprised of a large number of kinds of sensors integrated into rooms and appliances.

Summary of Invention :

A system and method for improving personal productivity in an environment are provided. The system, in one aspect, may include a knowledge base operable to store information such as state information, rules, attributes and associations, associated with an environment, objects associated with the environment, and one or more users. A server module may be operable to detect activity of a user and infer location of the user. The server module further may be operable to suggest one or more tasks to be performed based on the detected activity or inferred user location or combinations thereof.

Number of Claims : 36

Patent Status : Published Application

How much this invention is related with your IDP/UDP? : 71 to 90%

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

This idea should be just limited to home. It should be expanded to many other environments like business organizations, schools, etc.