GUJARAT TECHNOLOGICAL UNIVERSITY

(GTU)

INNOVATION COUNCIL (GIC)

Patent Search & Analysis Report

(PSAR)

Date of Submission : 25/09/2016

Dear **Jadeja Harshvardhansinh Ghanshyamsinh,**

Studied Patent Number for generation of PSAR	:	**16BE7_130430116043_5**

PART 1: PATENT SEARCH DATABASE USED

1. Patent Search Database used	:	Google Patents
Web link of database	:	https://patents.google.com/
2. Keywords Used for Search	:	Smart appointment,Appointment,Appointment scheduler
3. Search String Used	:	Smart appointment
4. Number of Results/Hits getting	:	9999

PART 2: BASIC DATA OF PATENTED INVENTION /BIBLIOGRAPHIC DATA

5. Category/ Field of Invention	:	Computer/IT Engineering
6. Invention is Related to/Class of Invention	:	Appointment
6 (a) : IPC class of the studied patent	:	G06Q10/1095
7. Title of Invention	:	Smart appointments
8. Patent No.	:	US20160203442A1
9. Application Number	:	US14062692
9 (a) : Web link of the studied patent	:	https://patents.google.com/patent/US20160203442A1
10. Date of Filing/Application (DD/MM/YYYY)	:	24/10/2013
11. Priority Date (DD/MM/YYYY)	:	24/10/2013
12. Publication/Journal Number	:	
13. Publication Date (DD/MM/YYYY)	:	
14. First Filled Country : Albania	:	United States

15. Also Published as

Sr.No	Country Where Filled	Application No./Patent No.
1		

16. Inventor/s Details.

Sr.No	Name of Inventor	Address/City/Country of Inventor
1	Koji PERERIRA	Belo Horizonte(BR)

17. Applicant/Assignee Details.

Sr.No	Name of Applicant/Assignee	Address/City/Country of Applicant
1	Google inc	Mountain view (CA)

18. Applicant for Patent is : Company

PART 3: TECHNICAL PART OF PATENTED INVENTION

19. Limitation of Prior Technology / Art

there was no reminding system for the taken appointment

20. Specific Problem Solved / Objective of Invention

A system and method for notifying a user about potential scheduling problems in the user's calendar is disclosed. A calendar system may receive a calendar event that has event details including a title, a date, and a time. Event details may be parsed to determine features of the calendar event. The event details may then be analyzed to determine whether the event details are consistent with previously-stored events, user-specific information, or other known scheduling information. If the event details are inconsistent with known scheduling information, a user may be notified about the inconsistent event details.

21. Brief about Invention

Electronic calendars keep track of important events so that users can organize their schedules. The main value of an electronic calendar system is that the system provides a single repository for information regarding a user's scheduled events and important dates. As illustrated in FIG. 1, a user can enter event information into a calendar system including an event date, time, title/name, location/venue, guests, and an event description. For example, a user may schedule tennis with friends. The electronic calendar system then stores this information and, when a user requests calendar information, shows the requested information to the user as shown in FIG. 2.

[0002]

However, entering event details into the calendar system can be tedious and time-consuming. Manually typed information can also be prone to errors because users may sometimes enter the wrong information. For example, a user may enter the time of a meeting with a manager as 10 pm instead of 10 am. If the user does not find the mistake, she could miss an important meeting. Furthermore, users' schedules may change or need to be updated when new events are either scheduled or occur in users' lives. A user may need to go on an unexpected business trip to London and forget that he has concert tickets in San Francisco during the trip. If the user had remembered, he might have been able to sell the concert tickets.

[0003]

As recognized by the inventor, a calendar system should contain capabilities that enable the system to minimize wrong data and/or misinformation being input into a calendar and alert users to potential problems with their schedules.

22. Key learning Points

key point here that applying smartness to system is the prime importance in smart appointment

23. Summary of Invention

his specification describes technologies relating to an electronic calendar system in general, and specifically to methods and systems for automatically notifying a user about potential scheduling problems in the user's calendar.

[0005]

In general, one aspect of the subject matter described in this specification can be embodied in a system and method for notifying a user about potential scheduling problems in the user's calendar. An exemplary system may include one or more processing devices and one or more storage devices storing instructions that, when executed by the one or more processing devices, cause the one or more processing devices to perform an exemplary method. An exemplary method may include: receiving a calendar event that has event details including at least a title, a date, and a time; parsing the event details to determine features of the calendar event; analyzing the event details to determine whether the

event details are consistent with previously-stored events, user-specific information, or other known scheduling information; and responsive to determining that event details are inconsistent, notifying the user about the inconsistent event details.

[0006]

These and other embodiments can optionally include one or more of the following features: analyzing event details may include parsing user logs to obtain user behavior; determining whether the event details are consistent may include determining the user's location or predicted location at the date and time of the event and comparing the user's location to the event's location; receiving calendar event details may further include receiving an event location at a venue which has business hours; determining whether the event details are consistent includes comparing event details with an event on a second user's calendar who is socially connected to the user; determining whether the event details are consistent may include comparing the event details with a set of rules created based on event details including event type and event location; determining whether the event details are consistent may include comparing the event details with a set of rules created based on general understanding and knowledge of dates and times; notifying the user about the inconsistent event details may include displaying an alert to the user with pre-stored message text; determining whether the event details are consistent may include comparing the event details with a set of rules created from the obtained user behavior; and analyzing event details may include comparing the event time to a venue's business hours.

24. Number of Claims : 20

25. Patent Status : Applied Patent

26. How much this invention is related with your IDP/UDP?

< 70 %

27. Do you have any idea to do anything around the said invention to improve it? (Give short note in not more than 500 words)

no