



**GUJARAT TECHNOLOGICAL UNIVERSITY
(GTU)
INNOVATION COUNCIL (GIC)
Patent Search & Analysis Report
(PSAR)**



Date of Submission : 09/10/2019

Dear Gulani Simran Mahendra,

Studied Patent Number for generation of PSAR : 19BE7_160410116038_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 : De-stress, Chat bot, NLP

3. Search String Used : NLP chatbot de-stress

4. Number of Results/Hits getting : 5

PART 2: BASIC DATA OF PATENTED INVENTION /BIBLIOGRAPHIC DATA

5. Category/ Field of Invention :

6. Invention is Related to/Class of Invention : NLP

6 (a) : IPC class of the studied patent : G06Q10/1097

7. Title of Invention : TIME - MANAGEMENT PLANNER FOR WELL - BEING AND COGNITIVE GOALS

8. Patent No. :

9. Application Number : 15 / 841 , 764

9 (a) : Web link of the studied patent : <https://patents.google.com/patent/US20190188650A1/en?q=De-stress&q=chatbot&q=nlp&oq=De-stress+chatbot+nlp>

10. Date of Filing/Application (DD/MM/YYYY) : 12/14/2017

11. Priority Date (DD/MM/YYYY) :

12. Publication/Journal Number :

13. Publication Date (DD/MM/YYYY) :

14. First Filled Country : Albania :

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	James Humble	Yorktown heights

17. Applicant/Assignee Details.

Sr.No	Name of Applicant/Assignee	Address/City/Country of Applicant
1	International Business Machines Corporation	Not mentioned

18. Applicant for Patent is : Company

PART 3: TECHNICAL PART OF PATENTED INVENTION**19. Limitation of Prior Technology / Art**

Patent based on keywords de-stress, chatbot and NLP are very few in number.

20. Specific Problem Solved / Objective of Invention

It understands the cognitive state of user.

21. Brief about Invention

A time - management planning method , system , and computer program product , includes determining at least one of a cognitive state and a contextual state of a user , compiling a specification of a cognitive goal associated with accomplishing a scheduled task for a period of time , and performing a planning action , via a time management software platform , to adjust the scheduled task based on the specification of the cognitive goal and the at least one of the cognitive state and the contextual state of the user .

22. Key learning Points

Understanding the cognitive state of user.

23. Summary of Invention

the present invention can provide a computer - implemented time - management planning method , the method including determining at least one of a cognitive state and a contextual state of a user , compiling a specification of a cognitive goal associated with accomplishing a scheduled task for a period of time , and performing a planning action , via a time management software platform , to adjust the scheduled task based on the specification of the cognitive goal and the at least one of the cognitive state and the contextual state of the user .

24. Number of Claims : 20

25. Patent Status : Published Application

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 specific inkling for improvement of this patent.