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

Date of Submission : 18/10/2019

Dear **Kaustubh Shailesh Wade,**

Studied Patent Number for generation of PSAR	:	19BE7_160410116050_1

PART 1: PATENT SEARCH DATABASE USED

1. Patent Search Database used	:	Espacenet (EPO Patent database)
Web link of database	:	http://worldwide.espacenet.com/advancedSearch
2. Keywords Used for Search	:	Chatbot,Mental Stress,NLP
3. Search String Used	:	Chatbot
4. Number of Results/Hits getting	:	252

PART 2: BASIC DATA OF PATENTED INVENTION /BIBLIOGRAPHIC DATA

5. Category/ Field of Invention	:	
6. Invention is Related to/Class of Invention	:	Training Chatbot
6 (a) : IPC class of the studied patent	:	ELECTRIC DIGITAL DATA PROCESSING
7. Title of Invention	:	METHOD AND SYSTEM FOR TRAINING A CHATBOT
8. Patent No.	:	
9. Application Number	:	US201815873911 20180118
9 (a) : Web link of the studied patent	:	https://worldwide.espacenet.com/publicationDetails/biblio?II=20&ND=3&adjacent=true&locale=en_EP&FT=D&date=20190718&CC=US&NR=2019217206A1&KC=A1
10. Date of Filing/Application (DD/MM/YYYY)	:	07/18/2019
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	LIU CHANG	US
2	CHEN JIANG	US

17. Applicant/Assignee Details.

Sr.No	Name of Applicant/Assignee	Address/City/Country of Applicant
1	MOVEWORKS INC	US

18. Applicant for Patent is   :   Company

PART 3: TECHNICAL PART OF PATENTED INVENTION

19. Limitation of Prior Technology / Art

null

20. Specific Problem Solved / Objective of Invention

Method and System for training Chatbot.

21. Brief about Invention

A method for training a chat bot Includes receiving a training input 304 through a platform associated with the Chat bot 308 . The training input 304 indicates user intent for interacting with the chat bot 306 . The method includes ing a confidence score associated with a prediction of the user intent identified by the chat bot 306 . A training score 312 based on the confidence score is provided to the user 302 . Preferably , the training score 312 is Inversely proportional to the confidence score . A high confidence score (low training score) may be assigned to the prediction of unar intent when the training input 304 matches an existing input . A low confidence score (high training score) may be assigned to a new training input 304 . The method may be performed on a gaming system and may not heuer 302 with a leader board 314 ranking cumulative training scores for multiple users.

22. Key learning Points

Confidence Score
Training score is inversely proportional to the confidence score.

23. Summary of Invention

A computer-implemented method for training a chat bot is provided. The method includes receiving a training input through a platform associated with the chat bot. The training input indicates user intent for interacting with the chat bot. The method includes calculating a confidence score associated with a prediction of the user intent identified by the chat bot. The method further includes providing a training score to the user providing the training input based on the confidence score.

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)