GUJARAT TECHNOLOGICAL UNIVERSITY

(GTU)

INNOVATION COUNCIL (GIC)

Patent Search & Analysis Report (PSAR)

Date of Submission : 13/10/2019

Dear **Daruwala Mahammadtaaha Chandmahammad,**

Studied Patent Number for generation of PSAR	:	**19BE7_160410116023_3**

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	:	microsoft,bot,framework
3. Search String Used	:	microsoft bot framework
4. Number of Results/Hits getting	:	50

PART 2: BASIC DATA OF PATENTED INVENTION /BIBLIOGRAPHIC DATA

5. Category/ Field of Invention	:	
6. Invention is Related to/Class of Invention	:	This application is related to a US Patent Application "Techniques for Messaging Bot App interaction
6 (a) : IPC class of the studied patent	:	H04W 4/12
7. Title of Invention	:	Techniques for messaging bot rich communications
8. Patent No.	:	
9. Application Number	:	PCT/US20 16/0 19969
9 (a) : Web link of the studied patent	:	https://patents.google.com/patent/WO2017146742A1/en?oq=microsoft+bot+framework
10. Date of Filing/Application (DD/MM/YYYY)	:	02/26/2019
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	Seth Garrett Steinberg	US
2	STEINER Matthew	US
3	SUKHAR Ilya	US
4	KARIMIAN Pooya	US

17. Applicant/Assignee Details.

Sr.No	Name of Applicant/Assignee	Address/City/Country of Applicant
1	Facebook Inc	California,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

Methods and System for training bot

21. Brief about Invention

Techniques for messaging bots with rich communication are described. In one embodiment, an apparatus may comprise a messaging component operative to receive a message from a client device; and add the message to a message queue; a message queue monitoring component operative to monitor the message queue; detect that the message indicates messaging bot invocation; and submit the message to a bot framework component based on detecting that the message indicates messaging bot invocation; and the bot framework component operative to determine a messaging bot associated with the message; and submit the message to the messaging bot.

22. Key learning Points

Null

23. Summary of Invention

summary is not an extensive overview, and it is not intended to identify key/critical elements or to delineate the scope thereof. Some concepts are presented in a simplified form as a prelude.Various embodiments are generally directed to techniques for messaging bots.
Some embodiments are particularly directed to techniques for messaging bots with interactions within a messaging app. Some embodiments are particularly directed to techniques for messaging bots using rich communication over a messaging system.
for example, an apparatus may comprise a user interface
component operative to receive a messaging bot invocation in a message thread display on a client device; invoke a messaging bot interaction user interface on the client device in combination with the message thread display in response to the messaging bot invocation; receive a messaging bot interaction command via the messaging bot interaction user interface; and display a messaging bot interaction response in the message thread display; and a client messaging component operative to transmit the messaging bot interaction command from the client device to a messaging system; and receive the messaging bot interaction response from the messaging system at the client device.

24. Number of Claims : 35

25. Patent Status : Other (Active)

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

71 to 90%

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