Technical Disclosure Commons

October 03, 2017

Hands-Free User Customizable Chat Settings

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HANDS-FREE USER CUSTOMIZABLE CHAT SETTINGS

ABSTRACT

A system and method are disclosed that provide customizable hands-free notifications or messages, especially when the recipient is not looking at his mobile phone device (phone). The recipient's phone may be configured to vibrate based on customized or situation-specific content. The vibration setting for the messages maybe a global setting, a content-specific global setting, a personalized setting, a temporary setting or a metadata based setting. The sender sends a message to a recipient in the format that is understood by the system. The system parses the received message, extracts the required content based on the customized setting and issues the notification. The phone also determines the number of vibrations in the notification. The user-customized chat-setting based notification could be any message with numbers. This system comes in handy when the recipient wants priority information when he is unable to handle his phone.

BACKGROUND

Currently, the user is required to see his phone when he receives a message, to quietly interpret any response received. Systems presently available to read out phone messages are not discreet, and can be verbose or have cumbersome interfaces. A hands-free response interpretation system that is discreet is not currently available. For instance, if the recipient knows the sender and is expecting a specific reply, the recipient may have to directly look into his phone to see a text reply.

DESCRIPTION

A system and method are disclosed that permit vibration based on the user-customized chat-settings to convey chat responses. This system includes a phone and additionally any

connected wearable device with user-customized chat notification settings. A is the recipient and B is the sender, for instance. B sends a message to A which will vibrate A's phone or connected wearable device in one of several configurable ways. 'A' may configure his phone to vibrate or transmit vibration to the wearable based on the chat content. The vibration setting could be a global setting, which may issue the notification where the message contains specific characters e.g., "all messages which are only numbers vibrate my phone". Content-specific global setting e.g., "all messages which contain a special emoji and a number vibrate my phone". A personalized setting e.g., "all messages from B vibrate my phone". A temporary/ metadata based setting e.g., "only messages in the next X minutes vibrate my phone". Or any other standard agreed by sender and recipient and understood by the system.

In an example, A's phone (recipient) parses the received message. A's phone analyzes the message to identify an appropriate format for vibration. This may include looking for numbers, looking for only numbers, looking for an emoji or keyword, or considering metadata of the message like time sent or sender. If the message is deemed appropriate to vibrate, A's phone also determines the number of vibrations. This may occur simultaneously to the previous step. This will likely be due to parsing the text and extracting a number. A's phone vibrates the number of times parsed by the system. This may be a variant of the number computed by the system.

The user-customized chat-setting based notification could be any message with numbers ("I'm at door 3"), a message which contains only numbers ("3"), a message with a keyword ("vibrate 3"), special characters ("[vibration emoji] 3"), or any other system-understandable standard which is agreed between A and B. Chats may include a text, an instant message, an e-mail, or any other form of electronic message. For example, for a 3 digit number, it could firstly vibrate the first digit, secondly the second digit, thirdly the third digit. For a known number

greater than 10, it could vibrate the number -10 times.

Although illustrated using vibrations, the method of notification as illustrated could also be via a beep, voice or similar audible notification. The device that vibrates does not have to be the same device that does the parsing and computation. The parsing could be done in the cloud, for example.

The advantages of the disclosed system are that one or both the users communicating need not look into the phone and enables a hands-free question answering system. This disclosed method would come in handy when the recipient wants priority information in situations when he is unable to handle his phone e.g. when on the road, in a meeting, in a crowded area or the like.