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(57) Abstract :
The present invention relates to a system (100) and method (300) for detecting symptoms of autism. The system may include a wearable device (102). The wearable device (102) includes a vibration mechanism (204), and a sensing unit (202). The cloud server (106) may be communicatively coupled to the wearable device (102) and can be configured to: receive the plurality of user attributes from the wearable device (102); extract plurality of data from the received plurality of user attributes; analyze the extracted plurality of data to identify repetition of one or more words and compare the identified one or more words with a one or more predefined words; determine a threshold value based on the extracted plurality of data and prestored attributes associated with one or more known autistic patients; generate a report corresponding to the determined value and correspondingly transmit the generated report to one or more computing devices (108) associated with the user.

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