

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311033803 A

(19) INDIA

(22) Date of filing of Application :13/05/2023

(43) Publication Date : 16/06/2023

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATIC DETECTION OF USER TO ACCESS A COMPUTING DEVICE

<p>(51) International classification :G06F 167400, G06F 401770, G10L 170200, H02J 073400, H04L 692400</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Chitkara Innovation Incubator Foundation Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)KAUR, Ravneet Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)SINGLA, Chaitanya Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>3)CHHABRA, Rishu Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>4)SANGEETHA Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>5)BATHLA, Vaibhav Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
--	---

(57) Abstract :

Present disclosure relates a system (100) for automatically detects presence of the at least one user to access a computing device 102. The system 100 comprises a computing device 102, a sensor 104, an control unit 106, and at least one user (108). The computing device 102 receives input including a touch of at least one user (108) on an interface (206) of computing device (102). Identifies the at least one user (108) based on the touch parameters including at set of co-ordinates, size and pressure of the touch, and duration of the touch. The computing device (102) computes, in real-time by a control unit (106), the age category of the at least one user (108) including aged 5years and below, aged 14years and below, and aged 14years above. Finally, provide authorization to the at least one user to access the computing device based on the age category.

No. of Pages : 27 No. of Claims : 10