

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311054090 A

(19) INDIA

(22) Date of filing of Application :11/08/2023

(43) Publication Date : 08/09/2023

(54) Title of the invention : A SYSTEM AND METHOD FOR PREDICTING AND PREVENTING STALKING INCIDENTS

(51) International classification :H04W0004020000, H04W0004029000, G06Q0050000000, H04L0067520000, G06Q0050300000

(86) International Application No :NA

Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to :NA

Application Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Chitkara University

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)Bluest Mettle Solutions Private Limited

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)MISHRA, Rahul

Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----

2)PANDEY, Sakshi

Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India Pune -----

3)MANTRI, Archana

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :

The present invention discloses a system (100) for predicting and preventing one or more stalking incidents. The system (100) comprises a server (106) that establishes a secure communication channel with one or more computing devices (110) and one or more users (112). The system (100) is equipped with a processor (102) and a memory (104) containing a set of instructions. The processor (102) is instructed to receive a plurality of social networking data from the computing devices (110) and compare the received social networking data with known data associated with online stalking stored in a database to determine potential stalking behavior. Additionally, processor (102) receives location data from the computing devices (110) and identifies instances where one user (112) is repeatedly in the near vicinity of another user (112) to detect potential stalking behavior. By correlating the social networking data comparison and location data identification, the system (100) can predict the occurrence of one or more stalking incidents and subsequently prevent the one or more predicted stalking incidents. To ensure user safety, the system (100) generates and transmits one or more alert signals to the relevant computing devices (110) upon predicting one or more stalking incidents, allowing users to take precautionary measures.

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