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(57) Abstract :

The present invention discloses a system (100) for predicting and mitigating online harassment. The system (100) comprises a server (106) capable of establishing secure communication channels with multiple computing devices (110). A processor (102) and memory (104) are provided, containing a set of instructions that, when executed, enable the processor to perform various steps. These steps involve receiving a diverse set of data from one or more computing devices (110), preprocessing the received data to eliminate irrelevant information, extracting one or more relevant features from the preprocessed data, and comparing these features with a database of known online harassment features. Based upon the comparison, the system (100) accurately predicts the occurrence of online harassment in the received data and subsequently, takes actions to mitigate the harmful content. Moreover, the system (100) generates and transmits alert signals to the relevant computing devices (110) as a proactive measure, ensuring swift response and fostering a safer online environment

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