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(57) Abstract :
Disclosed herein is a phishing short message service (SMS) detection system (100) for identifying and categorising phishing short message service (SMS) , the system (100) comprising a user device (102) configured to receive a short message service (SMS) from an unknown source (104), a microcontroller (106) configured to process the short message service (SMS) received from the user device (102), wherein the microcontroller (106) further comprising a pre-processing module (108) configured to clean the short message service (SMS) and convert the short message service (SMS) into a format using machine learning techniques, a feature extraction module (110) configured to extract features from a pre-processed short message service (SMS), a post-processing module (112) configured to predict if the short message service (SMS) being a phishing short message service (SMS) and a server assembly (114) configured to store dataset that permits the system (100) in anticipating results.

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