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(57) Abstract :

AI BASED CYBER SECURITY INTRUSION DETECTION SYSTEM FOR DATA FUSION IN MOBILE CLOUDS USING DEEP LEARNING ABSTRACT: The vast volume of data in today's digital world poses a significant challenge to the field of cyber security. Designing efficient strategies to identify cyberattacks is tough due to the intricate nature of these attacks. Signature-based intrusion detection is the prevailing technology used for detecting attacks and ensuring security. However, the advancement of Artificial Intelligence (AI), including Machine Learning, Deep Learning, and Ensemble Learning, has led to promising outcomes in efficiently detecting threats. The Internet of Things (IoT) has a diverse range of applications, encompassing smart homes, industrial monitoring, smart cities, healthcare, agriculture, and retail. The Internet of Things (IoT) is driving a paradigm shift in our lifestyle and professional environment. Given the extensive applications of the Internet of Things (IoT), it is imperative to address the security issues that come from the substantial collection and transmission of user data by IoT devices. Deep learning-based intrusion detection systems (IDS) present novel approaches and research possibilities for addressing difficulties in the Internet of Things (IoT). Deep learning models are frequently more effective than standard rule-based intrusion detection systems (IDSs) due to their capacity to handle large volumes of data and identify complex patterns. Deep learning methods are becoming increasingly popular in the field of intrusion detection systems (IDS) for applications. However, the current study lacks a comprehensive explanation of deep learning-based IDS specifically for the Internet of Things (IoT).

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Class	14-02
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Date of Registration	24/08/2024
Title	Rechargeable Managerial Helpdesk Device for Streamlined Organizational Task Communication
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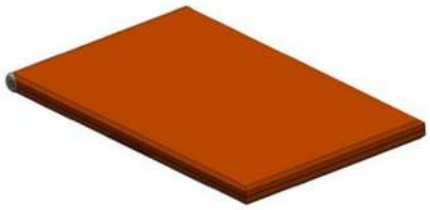

Design Number	428186-001
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Date of Registration	26/08/2024
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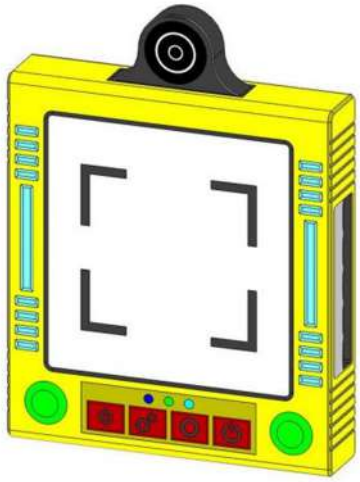

Design Number	431224-001
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