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(54) Title of the invention : A FIREWALL SYSTEM IN THE ARCHITECTURE OF IOT TO AVOID CYBER ATTACK

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(57) Abstract :

A firewall system in the architecture of IOT to avoid cyber-attack is the proposed invention that focuses on introducing a firewall system in the loop to avoid cyber-attacks. The invention is implemented by designing a framework that includes a security system that encrypts decrypts and authenticated the login credentials by avoiding loss of sensitive data or hacking. A cost-effective system is developed to secure all the smart devices that are used in a particular graphical region. The data transfer over cloud among each and every smart device is tracked to avoid unnecessary panic because of loss of important information and ransomware attacks.

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