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(57) Abstract :
IoT-driven Smart Home Automation is a technology that integrates the Internet of Things (IoT) with interconnected smart devices to create an intelligent living environment. This innovative system enables homeowners to conveniently control and automate various aspects of their homes, including lighting, temperature, security, and entertainment systems. By leveraging IoT connectivity, users can remotely monitor and manage their homes through smartphones, tablets, or voice-activated assistants. The objectives of IoT-driven Smart Home Automation include enhancing convenience, improving energy efficiency, ensuring home security, and providing personalization and customization options. This technology offers seamless integration and interoperability among different smart devices, creating a unified user experience. Moreover, IoT-driven Smart Home Automation is scalable and adaptable to future advancements in IoT technology.

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