

ĐẠI HỌC QUỐC GIA THÀNH PHỐ HỒ CHÍ MINH  
TRƯỜNG ĐẠI HỌC BÁCH KHOA  
KHOA KHOA HỌC - KỸ THUẬT MÁY TÍNH



Đồ án đa ngành

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Smart House IoT

Hệ thống IoT nhà thông minh

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## Introduction to project

The Internet of Things (IoT) is a new revolution of the Internet that has emerged as a new paradigm of connecting objects through the Internet. The IoT is not only a network of computers, but it is a network of physical objects. Connected any devices of different types and sizes, such as lights, smartphones, AC, home systems and devices. All the connected objects communicate and share information based on protocols, make them connect together by system services. IoT enhances connectivity anytime, anyplace with anyone using any devices. Smart House systems are considered one of the most typical applications in IoT, where it is possible to control home devices to achieve a better usage in terms of cost and convenience. Smart House system is the use of devices in the house that connect via a Internet. A system consists of a number of subsystems for controlling various aspects of a house, such as a security sub-system, a lighting control sub-system, and an entertainment subsystem which allows handy access to all devices within a home either locally or remotely via the internet

