



وزارة التعليم العالي والبحث العلمي، العراق

جامعة بابل

كلية تكنولوجيا المعلومات

قسم شبكات المعلومات

الدراسة الصباحية



إنترنت الأشياء لبناء نظام مراقبة درجة الحرارة

IOT for Building Temperature Monitoring System

مشروع التخرج هو أحد متطلبات الحصول على درجة البكالوريوس في تخصص شبكات المعلومات في تكنولوجيا المعلومات.

A Graduate Project Submitted to the department of Information Networks of the College of Information Technology, University of Babylon, in Partial Fulfillment of the Requirements for the Bachelor's degree in the Information Networks of Information Technology.

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Abstract

This study aims to develop an IoT system to measure building temperatures, including indoor temperatures. The IoT system promises a simple and inexpensive method for measuring building temperature over an unlimited period. The IoT system will work to measure temperature continuously within a certain time range, send and collect measurement data on a cloud server.

The issue of monitoring building temperature standards is one of the important topics in the current situation because it reduces many problems, especially fires and equipment malfunctions. Therefore, in our project, we decided to create a system that senses the temperatures of buildings, especially closed ones. Internet of things is becoming more and more popular day by day due to its numerous advantages. Here phrase Internet of Things heralds a vision of the future Internet where connecting physical things.