Title: IoT Repositories Overview
Version: 1.0.0
Date: November 2025

Description

This repository demonstrates basic IoT data simulation and message communication.
It shows how devices send sensor data to the cloud using MQTT or simple JSON publishing methods.

Contents

1. overview.pdf – Repository summary
2. IoT-Repositories.zip – Python script simulating sensor data
3. README.md – Documentation
4. LICENSE – MIT License
5. version.txt – Version details

Tools & Libraries

- Python 3.x
- Paho-MQTT
- Random / JSON libraries

Learning Objectives

- Learn how IoT devices communicate
- Simulate real-time data flow
- Observe message logging and sensor updates

Maintained by IT Solution Portfolio
Email: itsolutionsportfolio@gmail.com