

IoT - Python(Collection) Assignment - 07

1. Create a python flask server to perform CRUD operation on table sensor_readings

- table sensor_readings has fields:
 - id
 - temperature
 - humidity
 - timestamp
- also add web service to display all records where value is below a threshold value

2. Create a python flask server to perform CRUD operation on table which is created earlier.

- table has following fields:
 - Sensor ID
 - Moisture level
 - Date and Time
- Retrieve and display all records where moisture level is below a threshold value

3. Create a Flask-based Smart Home Monitoring System:

- Accept sensor data (light status, fan status, temperature) via /update.
- Store values in a database.
- Provide a /status route that shows:
 - ON/OFF status of devices
 - Current temperature