

# PY-EXPO 2K24



**Team ID: 56b2285d89**

**Team Name: Daring Dynamos!**

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Genius innovation leaves behind a legacy...

# PS Code: **PY82**

## Problem Statement: **Smart plant care assistant**

**Create a simple IoT system consisting of sensors placed in plant pots to measure key parameters like soil moisture, light intensity, temperature and humidity. Develop a basic mobile app or web interface that connects to these sensors and displays real-time data on plant health. Implement algorithms to analyze the sensor data and provide customized care advice based on plant species and individual requirements. This project aims to empower beginner-level IoT enthusiasts to build a practical solution for plant enthusiasts to enhance their gardening experience.**

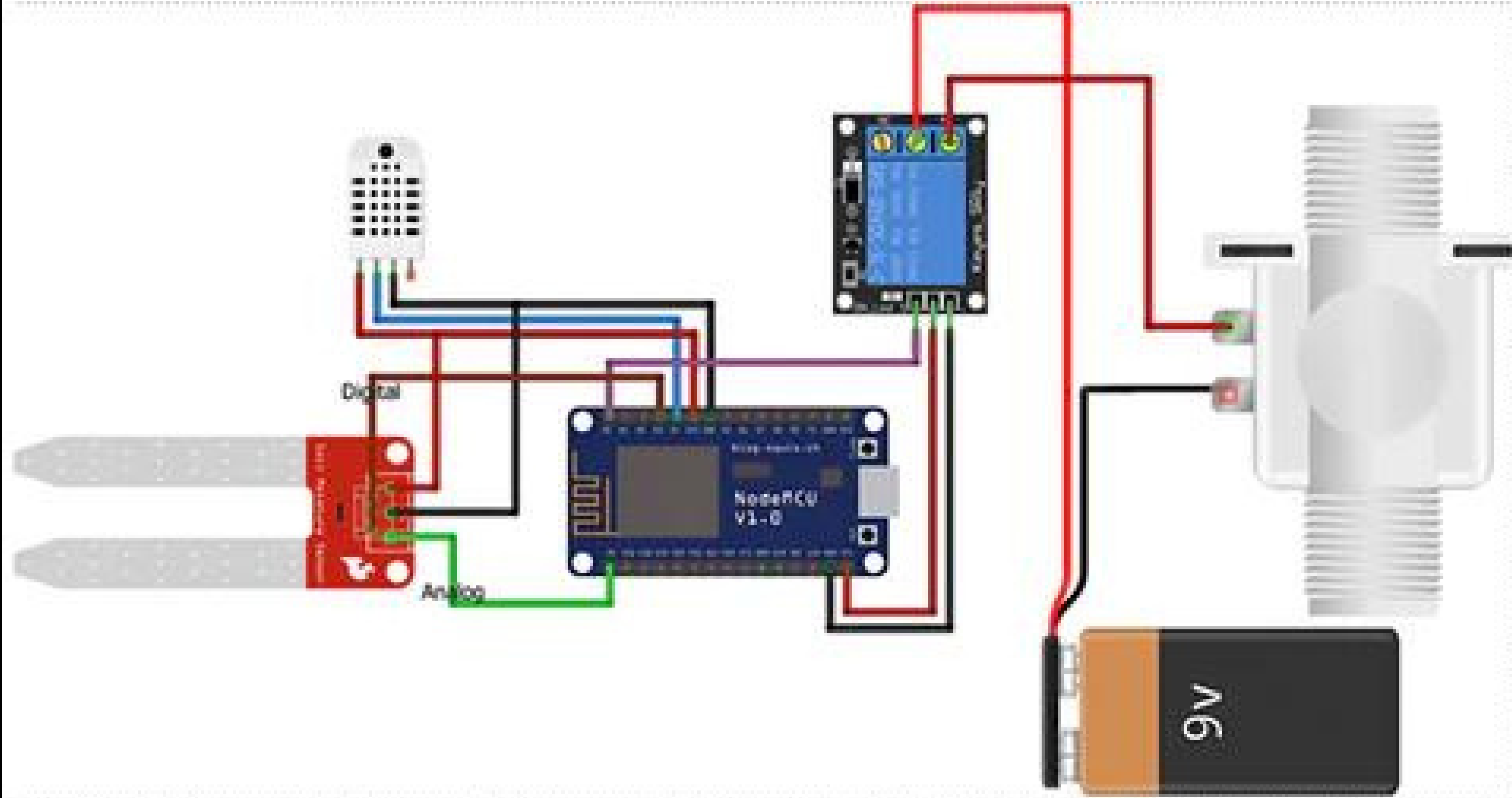
# Solution

- Arduino uno
- Water pump
- Jumper wire
- Relay module
- PVC tube
- Soil moisture sensor

# Technology Stack

**PYTHON**





## **Team Member Details:**

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# Thank You

## Any Queries?

