Smart Garden Watering System

Project Document

Detailed Write-up of Solution

We want to make a system that waters plants automatically. It will use sensors to know when to water.

Tools & Technologies

- Sensors
- Arduino
- Pump

Logic

Sensor tells Arduino when soil is dry. Arduino turns on pump.

Challenges Anticipated and Mitigation Strategies

- Making it work.
- Getting parts.

Timeline or Roadmap for Development

- Get parts.
- Make it work.

System Architecture and Technology Stack

- Arduino and sensors.

Data Sources and How Data Privacy is Handled

- Sensor data. No privacy concerns.

Main Features and User Flow

Features

- Waters plants.

User Flow

- User doesn't do anything.