

Phase 1: Problem Definition and Design Thinking

Project Definition: The project involves setting up IoT devices to monitor environmental conditions in public parks, including temperature and humidity. The primary objective is to provide real-time environmental data to park visitors through a public platform, enabling them to plan their outdoor activities accordingly. This project includes defining objectives, designing the IoT sensor system, developing the environmental monitoring platform, and integrating them using IoT technology and Python.

Design Thinking:

1. IoT Devices Designs: Plan the deployment of IoT sensors (e.g., temperature and humidity sensors) in public parks.
1. Environmental Monitoring Platform: Design a web-based platform to display real time environmental data to the public.
1. Integration Approach: Determine how IoT devices will send data to the environmental monitoring platform.