

**Project Definition:** The project involves implementing IoT sensors to monitor water consumption in public places such as parks and gardens. The objective is to promote water conservation by making real-time water consumption data publicly available. This project includes defining objectives, designing the IoT sensor system, developing the data-sharing platform, and integrating them using IoT technology and Python.

**Design Thinking:**

**Project Objectives:** Define objectives such as real-time water consumption monitoring, public awareness, water conservation, and sustainable resource management.

**IoT Sensor Design:** Plan the design and deployment of IoT sensors to monitor water consumption in public places.

**Real-Time Transit Information Platform:** Design a mobile app interface that displays real-time parking availability to users.

**Integration Approach:** Determine how IoT sensors will send data to the data-sharing platform.