# Phase 1: Problem Definition and Design Thinking

The scope of this document is to identify the problem and find solution for park visitors and park management to receive real time Environmental Data.

## Problem Definition:

It has been researched and found that there has been the following issues with public park management. The issues or problems are listed below:

* The park management or the park visitors do not receive any information or updates on the environmental data
* This is resulting in the park visitors not being able to plan their outdoor activities or the vist to the public park
* This also has resulted in the failure of the park management to organize promotional outdoor activities and campaigns for park visitors
* This has resulted in and overall low visitor satisfaction.

# Design Thinking:

Having understood the above problem. We would designing a solution which would be able to solve the same.

* An IoT based solution could immediately resolve the above issue
* We would need to identify the right Digital Humidity and Temperature Sesnsor, for which we would need perform extensive research on Original Equipment Manufacturers.
* The requirment also is that the IoT solution needs to be able to communicate to a public platform.
* Hence we would need internet connectivity and communication module

NOTE:

File Naming Convention: IoT\_Phase1