**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.

**1. 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 visit 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 an overall low visitor satisfaction.

**2. Design Thinking:**

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

* An IOT based solution could immediately resolve the above issue.
* We would need to identify the right Digital Humidity and Temperature Sensor, for which we would need to perform extensive research on Original Equipment Manufacturers.
* The requirement 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.

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