ENVIRONMENTAL MONITORING IN PARKS

*ABSTRACTION:*

* *Environment should be monitored to protect its resources through Biosphere Reserve ,National parks, and other Sanctuaries.*
* *These areas are prohibited for common people access to preserve its habitation and Biodiversity.*
* *We can’t preserve the ecosystem not only through limiting access to these areas. So we can introduce an newer approach as Inventory and Monitoring system which can monitor the whole system.*
* *Internal planning and Management needs ecological inventories.Monitoring System can be assigned to each and every system for managing the threats caused by the external factors .*

*Problem Definition and Design Thinking:*

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*It has been found that there has been following issues with public park management.The issuesare listed below:*

* *The park management 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*
* *This has also resulted in the failure of park management to organise promotional activities and campaigns for park visitors.*
* *This has resulted in and overall low visitor satisfation*

*DESIGN THINKING:*

*Designing a solution which would be able to solve the same*

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