

## Final Year Project Report

# IoT Based Indoor Air Quality Monitoring System for Asthma Patient

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## Abstract

Observing Indoor air quality for Asthma is basic since it is a standout amongst the most widely recognized ceaseless infections worldwide with an expected 300 million influenced people.. We need to screen the asthma patient's condition to recognize air toxins which trigger the asthma assault. We prescribe a way to deal with build up a consistent IoT based observing framework went for understanding and enhancing indoor air quality for an asthma tolerant by Monitoring CO<sub>2</sub>(Carbon Dioxide),VOC(Volatile Organic Compound),Temperature and Humidity level. In this undertaking, we at first checked the indoor temperature and mugginess which contrasted with the open air condition. Such a framework will enable specialists to check conceivable asthma side effects and reports from patients with ecological components without being available by and by.

**Keywords:** Asthma Patient, IoT, Indoor Monitoring System, Air Quality, Temperature, Humidity.



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