CCL Project: Pilot BU Indoor Air Quality Sensor and Portal (Phase 1)

Boston University Electrical & Computer Engineering

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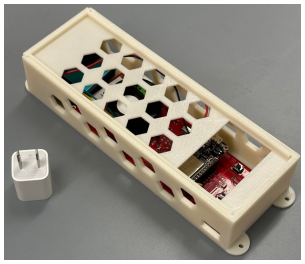
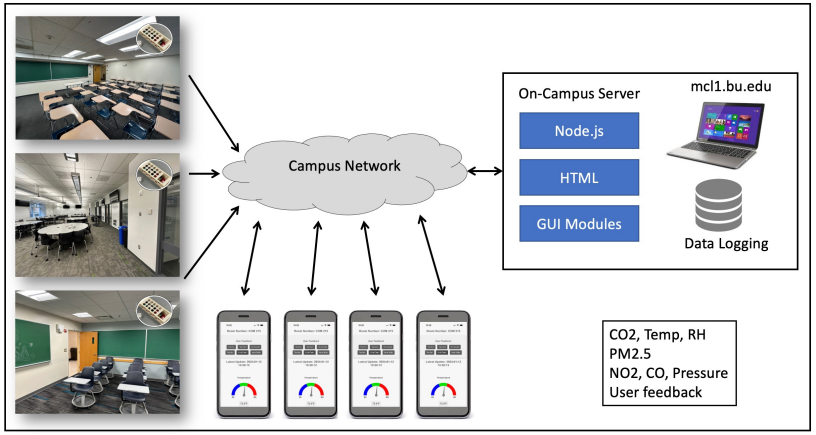
Project Goals

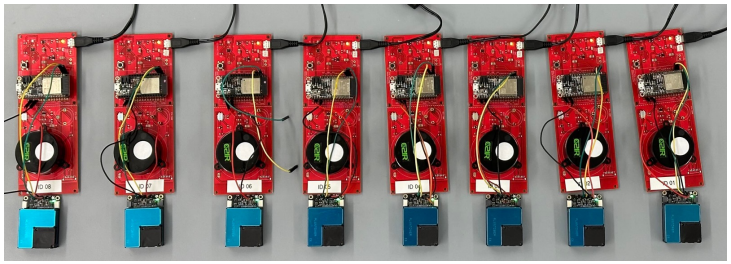
We seek to establish the efficacy of using a continuous air quality monitor (AQM) in individual rooms of the BU physical plant to provide real-time feedback to occupants and a source of data compared against room occupancy use, regional air quality data, and HVAC cycling.



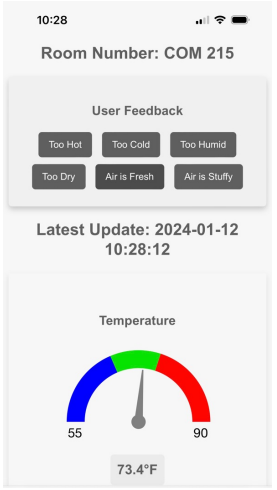
System Architecture

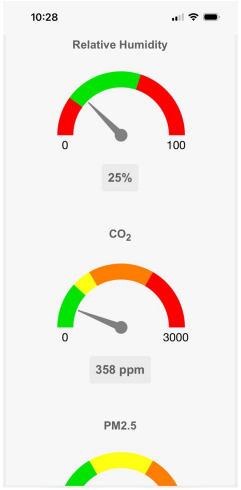


Fabricated AQM Devices



Portal UI





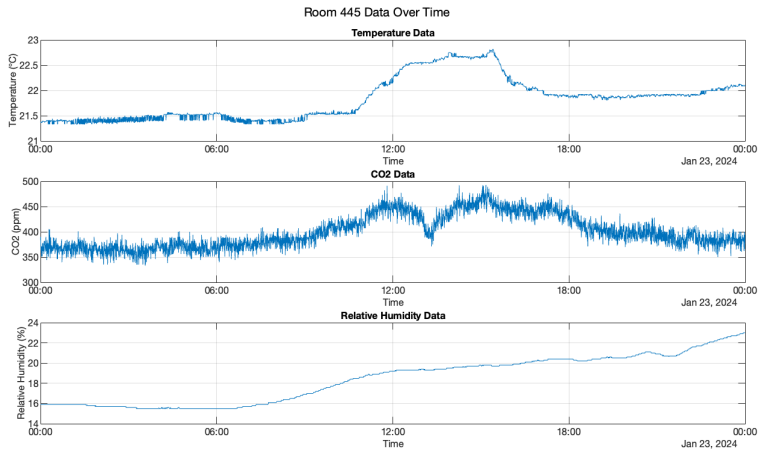
Too hot? Too cold?
Too dry? Too muggy?
Too stuffy?

Check out the **room air quality** and tell us what you think.

Scan QR code for URL

This is a project supported by the Campus Climate Lab of the BU Institute for Global Sustainability 0001

Sample Data Reporting



Acknowledgements

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