Phase 2: Innovation

**Noise Pollution Monitoring**

**Requirement and Objectives of the Project**

The main objective of our Project is to Analysis of the Noise places and providing the

Data of that Noise Place and Provide easy way for Management.

* **Materials that mainly used** : Arduino Microcontroller, sound sensor and other basic components.
* **Software Platform**: Either TinkerCad or WOKWI

***Innovative things to solve the Noise problems in Our Projects are Listed Below:***

* Floors can offer [remarkable ways of reducing](https://www.conserve-energy-future.com/stepsreducecarbonfootprint.php) noise pollution. However, it depends on the type of floor you have in your place. Carpeting, for instance, usually reduces a substantial amount of noise, but better results can be achieved by the use of noise-friendly flooring like vinyl.
* Furniture is excellent sound absorbers as they reduce echo and sound vibrations. Therefore, sound friendly lounge chairs, bookshelves, couches, and cabinets can affect the acoustics of open spaces.
* Not all wall panels incredibly serve well at reducing noise pollution. Because of technological advancements, there are modern designed acoustic wall panel options available in the market that [can effectively reduce](https://www.conserve-energy-future.com/easy-and-effective-ways-to-reduce-indoor-air-pollution.php) noise pollution.
* If some pieces of machinery are creating noise due to vibrations, you can check the noise by applying some noise absorbents to reduce noise.
* It may sound extreme, but it qualifies as a practical way to reduce noise pollution. Noise is produced by strong sound waves or vibrations, which can be significantly reduced by barriers.

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