

Project Design Phase-2

Proposed Solution Template

Date	10 OCT 2023
Team ID	458
Project Name	4123-Noise Pollution Monitoring
Team Name	Proj_227238_Team_2
Team Member	4

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	1. Use quieter machines and vehicles. 2. Plant trees to block noise. 3. Build sound barriers near highways.
2.	Idea / Solution description	1. Quieter Machines: Make machines like cars and appliances quieter so they don't make as much noise. 2. Plant Trees: Planting trees helps because they can block and absorb noise, making things quieter. 3. Sound Barriers: Build walls or fences near noisy places like highways to stop the noise from spreading.
3.	Novelty / Uniqueness	It disrupts our peace and can harm our health through loud noises from sources like traffic, machinery, and even people. It's unique because it affects our well-being in a different way than other pollutants.
4.	Social Impact / Customer Satisfaction	Customer satisfaction with noise pollution means how happy or unhappy people are with the level of noise in their surroundings. If noise pollution is high, customers, or in this case, regular people, are likely to be unhappy because loud and annoying sounds can disturb their peace and well-being.
5.	Business Model (Revenue Model)	Noise-Canceling Products: Create and sell noise-canceling headphones or devices that help people block out noise and enjoy quieter surroundings. Soundproofing Services: Offer services to soundproof homes or buildings, making them quieter. Charge customers for these soundproofing solutions.

6.	Scalability of the Solution	But if a solution relies on a very specialized and expensive technology that's hard to set up in different places, it may not be very scalable. So, a scalable solution for noise pollution is one that can be applied widely and easily to make a bigger difference in reducing noise problems.
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