

Holy Angel University
School of Computing

Final Requirement 1: Exploratory Stage

“No pollution is the only solution”



Group Members:

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Introduction

Environmentalism is a philosophy that focuses on the need for humanity to respect, protect, and preserve the natural world from manmade/human-caused diseases. Environmental awareness is the key to the movement's success. By informing our family and friends about how fragile and important the physical environment is, we may begin to address problems that harm the environment. For decades, environmentalists have advised the public to recycle, reduce, and reuse and that advice is still valid today. Small daily actions can still help promote a more sustainable and biocentric worldview, even if systemic change is required to shift our current direction. When thought and action are combined, they can make a significant difference. Our group has decided to stand and advocate "no pollution is the only option" and that reducing pollution one step at a time will help solve bigger environmental problems.

Issues

1. Pollution disproportionately kills the poor and the vulnerable

Pollution-related mortality accounts for over 92 percent of all deaths in low- and middle-income nations. Pollution has the biggest impact on impoverished and vulnerable people inside countries. Children are the most vulnerable. Small chemical exposures in pregnancy and early infancy can cause sickness, permanent impairment, and death.

2. Pollution is closely tied to climate change and biodiversity

The combustion of fossil fuels in higher-income nations and the combustion of biomass in lower-income countries accounts for 85 percent of airborne particle pollution and is a major source of greenhouse gas emissions. Important carbon dioxide emitters (coal-fired power plants, chemical manufacturers, mining activities, and cars) are also major contributors to other types of pollution.

3. Pollution is neglected

Despite major health consequences, pollution has received little attention on the international development and health agendas. When compared to resources for infectious illness and other environmental challenges, funding is limited. There are no significant foundations that focus on environmental health and pollution. Despite the fact that pollution causes more than 70% of noncommunicable diseases, pollution interventions are scarcely included in the Global Action Plan for the Prevention and Control of Noncommunicable Diseases.

Many people still don't care about the pollution around the planet. We need to act now. Since we are in the digital age, we believe that creating a website is the fastest way to spread awareness and stop the problem of pollution. We need to act now for the future of the next generations.

Objectives of the project

Pollution prevention protects the environment by conserving and protecting natural resources while strengthening economic growth through more efficient production in industry and less need for households, businesses, and communities to handle the waste.

Pollution prevention (P2) means working at the source of pollutants to prevent them from being generated or to reduce the amount generated. It is using materials and energy more efficiently and conserving natural resources, including water. It is following best management practices and involving all relative people in their implementation, to reduce and prevent pollution. Finally, P2 also means seeing the financial benefits of increased efficiency in the use of raw materials, energy, water, or other resources. The “Pollution Prevention Hierarchy” illustration outlines the concepts of pollution prevention in the order of greatest effectiveness related to resource use and waste/pollution generation.

Our team will build a website that will help us spread awareness and support our advocacy. We will use our skills in web development to create a well-designed and functional website to influence others to save our planet. As a group, we will exhibit Angelite qualities, a person with conscience, competence, and compassion.

Members and their roles

Dela Cruz, John Paulo

- Frontend developer
- UX designer/Graphic designer
- Advocacy Researcher

Ducut, Kenn Chester

- Frontend developer
- Backend developer
- Web Technology Researcher

Tan, Geoferson Owen

- Leader
- Quality Checker
- Web Technology Researcher

Yalung, Gilvin Kayle

- Content Writer
- UX designer/Graphic designer
- Advocacy Researcher

GitHub Repository: <https://github.com/gtan11/WD-302-No-pollution-is-the-only-solution.git>