

Holy Angel University
School of Computing

Final Requirement
(6ADWEB-2139)

“No pollution is the only solution”



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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

Mockup of interface design

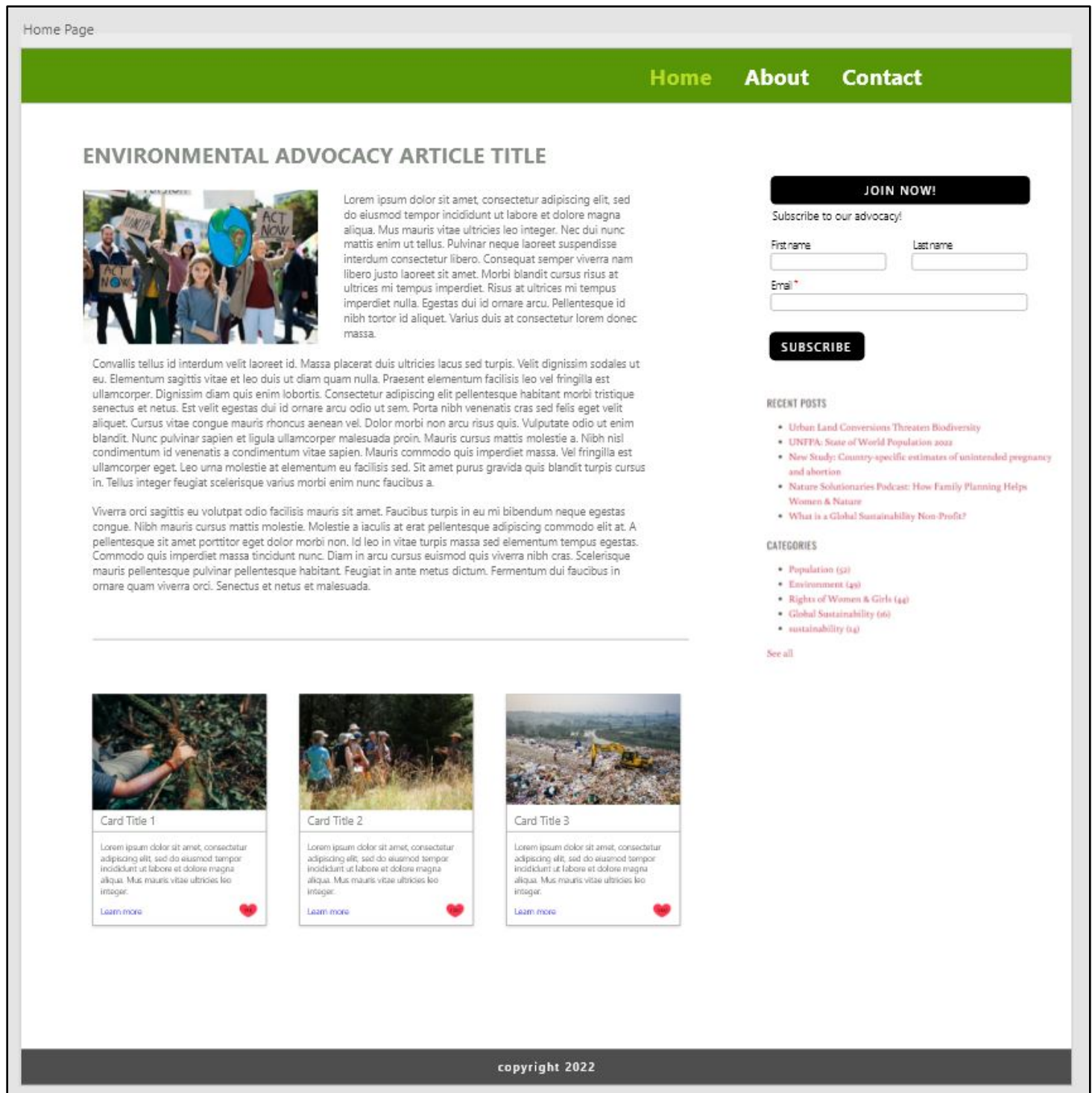


Figure 1: Home Page

The Home page will contain an article, cards for other articles, forms, and links



About

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Elit sed vulputate mi sit amet mauris commodo. Mattis rhoncus urna neque viverra justo nec ultrices. Amet tellus cras adipiscing enim. Vitae aliquet nec ullamcorper sit. Pellentesque diam volutpat commodo sed egestas egestas. Nisi porta lorem mollis aliquam ut porttitor leo. Ac auctor augue mauris augue neque gravida. Fermentum posuere urna nec tincidunt praesent semper feugiat. Congue quisque egestas diam in arcu cursus euismod quis viverra. Diam quis enim lobortis scelerisque fermentum dui faucibus in. Elit at imperdiet dui accumsan sit amet. Tellus cras adipiscing enim eu turpis. Libero nunc consequat interdum varius. Mattis enim ut tellus elementum sagittis vitae et leo dui. Aenean vel elit scelerisque mauris.

Bibendum ut tristique et egestas quis ipsum. Ut tellus elementum sagittis vitae et leo dui. Id interdum velit laoreet id donec. Nibh praesent tristique magna sit amet purus. Nisi est sit amet facilisis magna etiam. Adipiscing commodo elit at imperdiet dui accumsan sit amet. At elementum eu facilisis sed odio morbi. Ac feugiat sed lectus vestibulum. Fermentum iaculis eu non diam phasellus vestibulum lorem. Curabitur gravida arcu ac tortor dignissim convallis aenean. Ut eu sem integer vitae justo eget magna fermentum. Tincidunt vitae semper quis lectus nulla. Velit ut tortor pretium viverra suspendisse potenti nullam. Quis enim lobortis scelerisque fermentum dui faucibus in. Amet est placerat in egestas erat imperdiet sed euismod. Pulvinar neque laoreet suspendisse interdum.

JOIN NOW!

Subscribe to our advocacy!

First name

Last name

Email *

SUBSCRIBE

RECENT POSTS

- [Urban Land Conversions Threaten Biodiversity](#)
- [UNTPA: State of World Population 2022](#)
- [New Study: Country-specific estimates of unintended pregnancy and abortion](#)
- [Nature Solutions Podcast: How Family Planning Helps Women & Nature](#)
- [What is a Global Sustainability Non-Profit?](#)

CATEGORIES

- [Population \(32\)](#)
- [Environment \(45\)](#)
- [Rights of Women & Girls \(44\)](#)
- [Global Sustainability \(66\)](#)
- [sustainability \(64\)](#)

[See all](#)



Team

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Mus mauris vitae ultrices leo integer.

[View](#)



Accomplishments

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Mus mauris vitae ultrices leo integer.

[View](#)



Activities

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Mus mauris vitae ultrices leo integer.

[View](#)

Figure 2: About Page

The About page will contain an article about the team project and the advocacy. It will also have cards with information about the team, achievements, and activities. We will still have the forms and links on the home page.

Contact Page

HomeAboutContact

Contact

Thank you for your interest in our advocacy. Please contact us via phone, mail, or the contact form below:

Phone: (###) ###-####

#1 St Street
Angeles City, Pampanga
Philippines

Contact form

☐ General Inquiry

☐ Be an advocate

☐ Volunteer

☐ Report a problem

First name *

Last name *

Phone

Email *

Subject

Message

SUBMIT

RECENT POSTS

- Urban Land Conversions Threaten Biodiversity
- UNTPA: State of World Population 2022
- New Study: Country-specific estimates of unintended pregnancy and abortion
- Nature Solutionaries Podcast: How Family Planning Helps Women & Nature
- What is a Global Sustainability Non-Profit?

CATEGORIES

- Population (32)
- Environment (40)
- Rights of Women & Girls (44)
- Global Sustainability (6)
- Sustainability (64)

[See all](#)

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Figure 3: Contact Page

The contact page will have our contact information and a contact form where users can select the type of concern, and they can input their information and message.

Flowchart

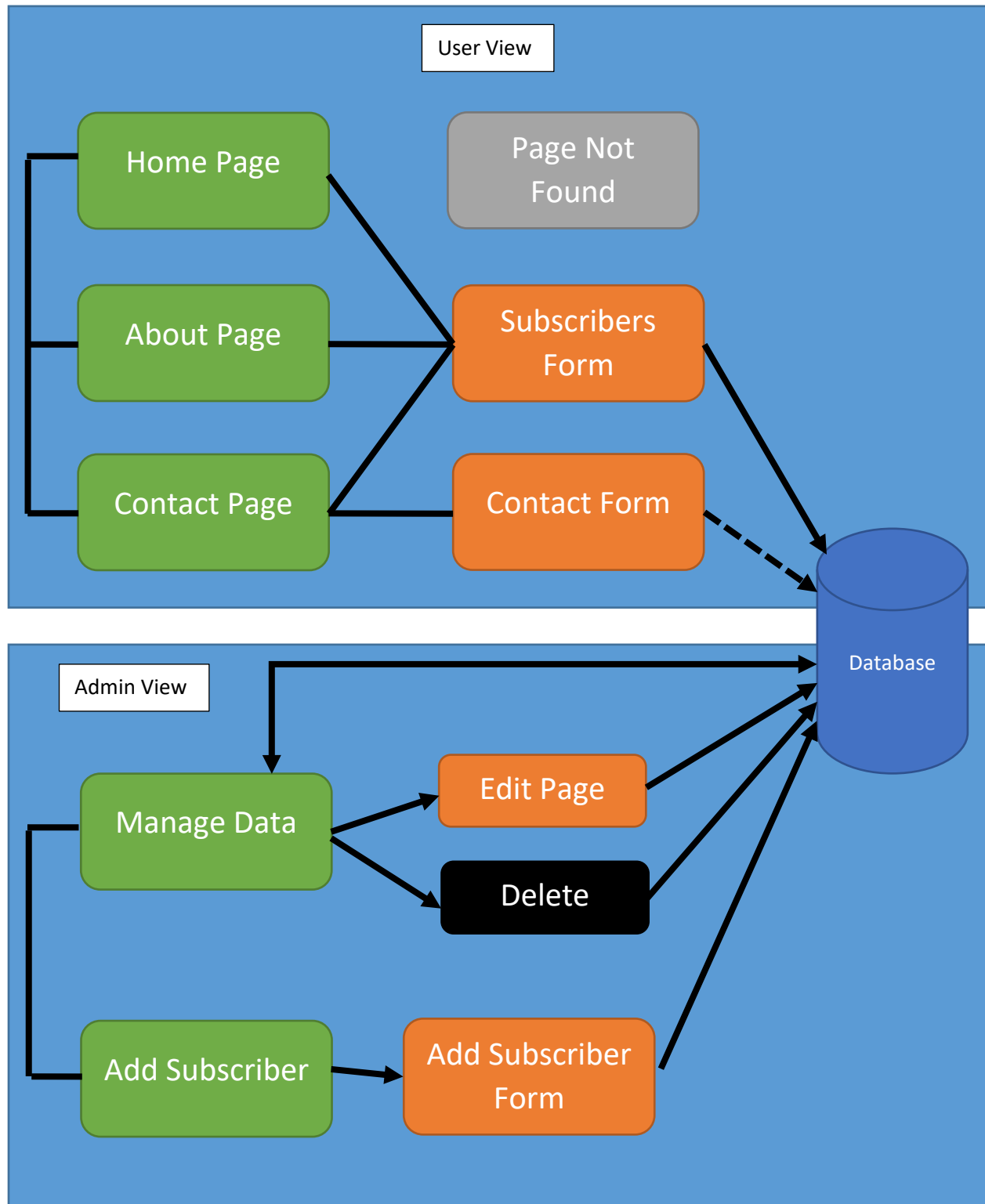


Figure 4: Flowchart

Screenshots

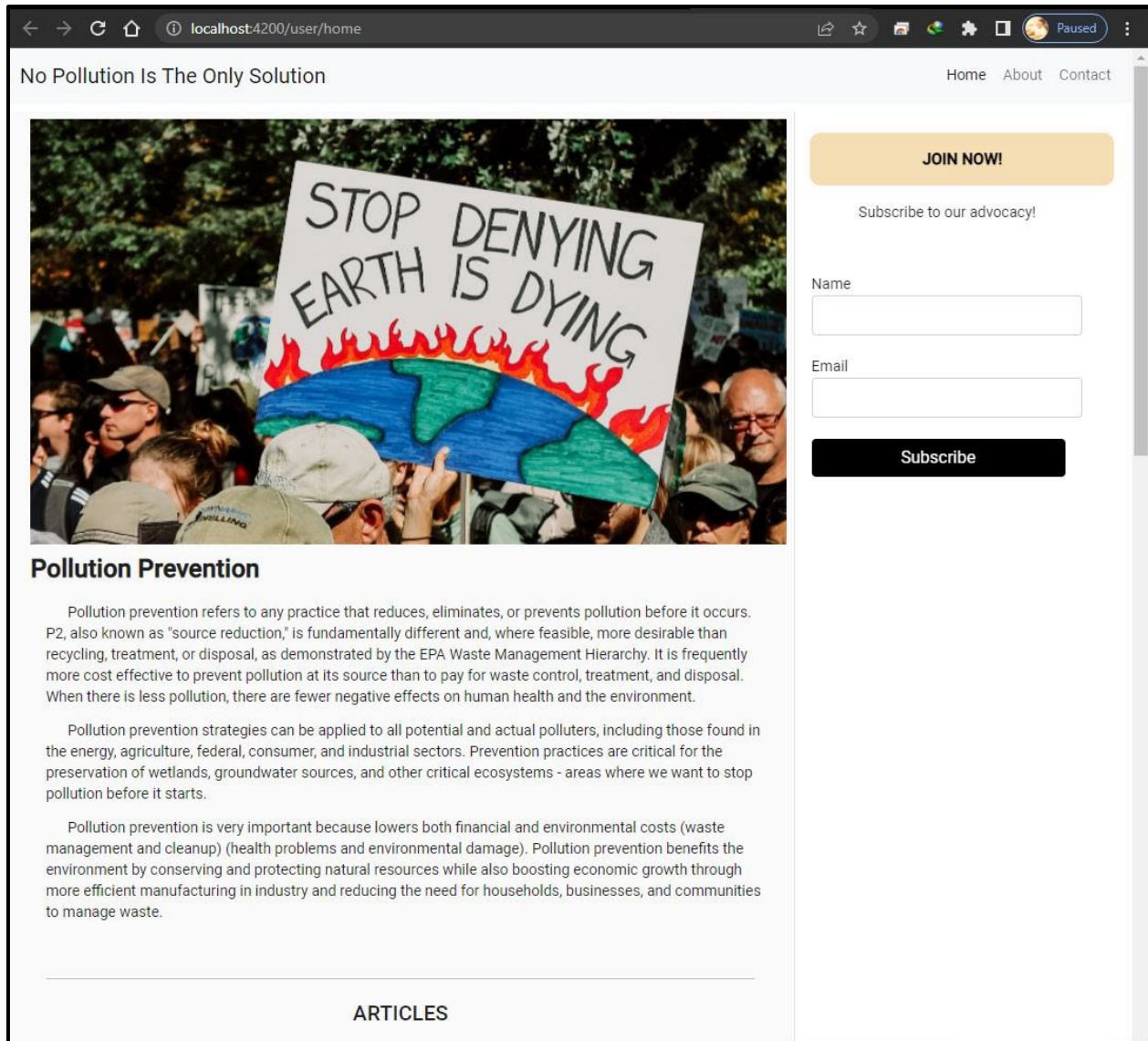


Figure 5: Home Page

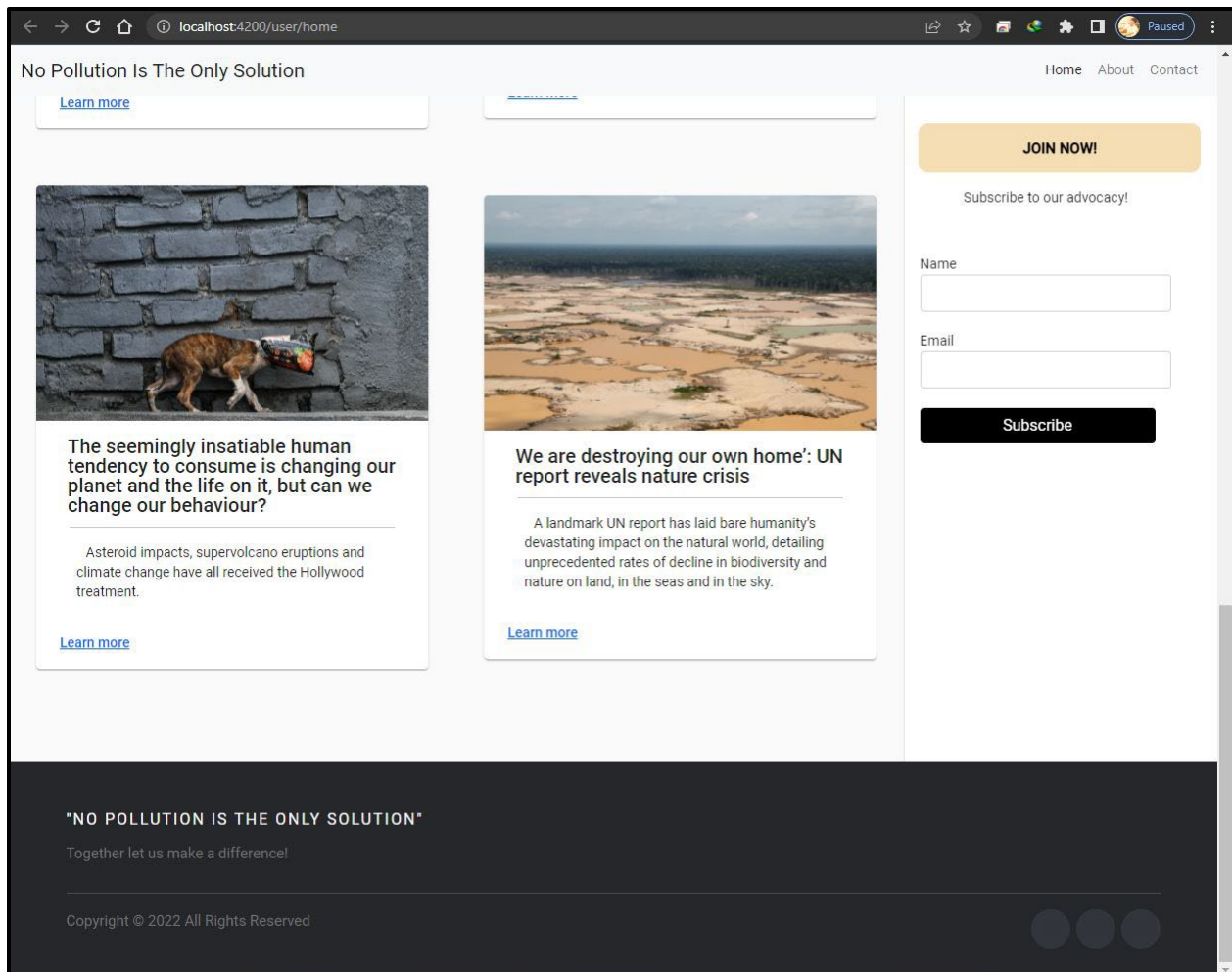


Figure 6: Home Page (bottom section)

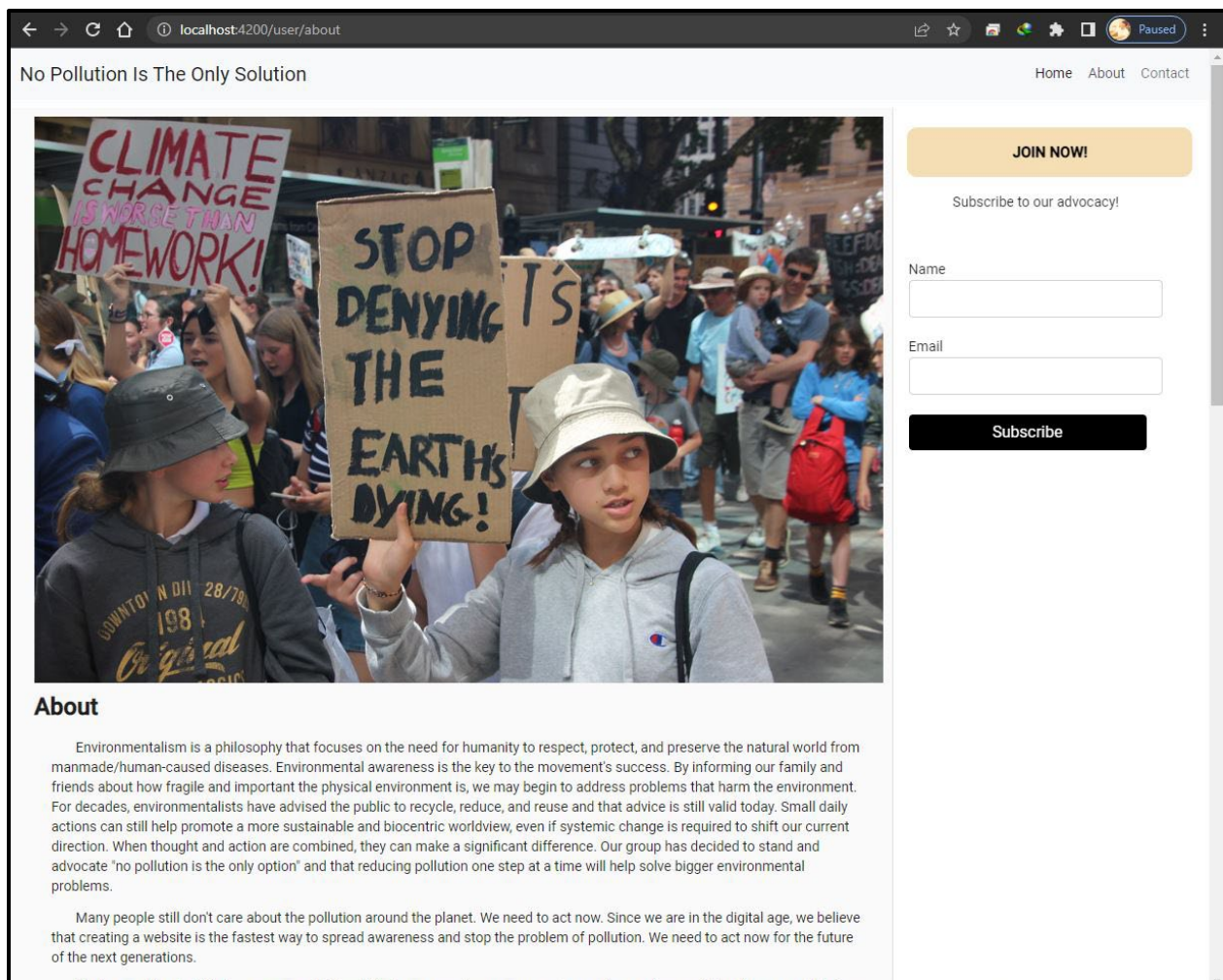


Figure 7: About Page

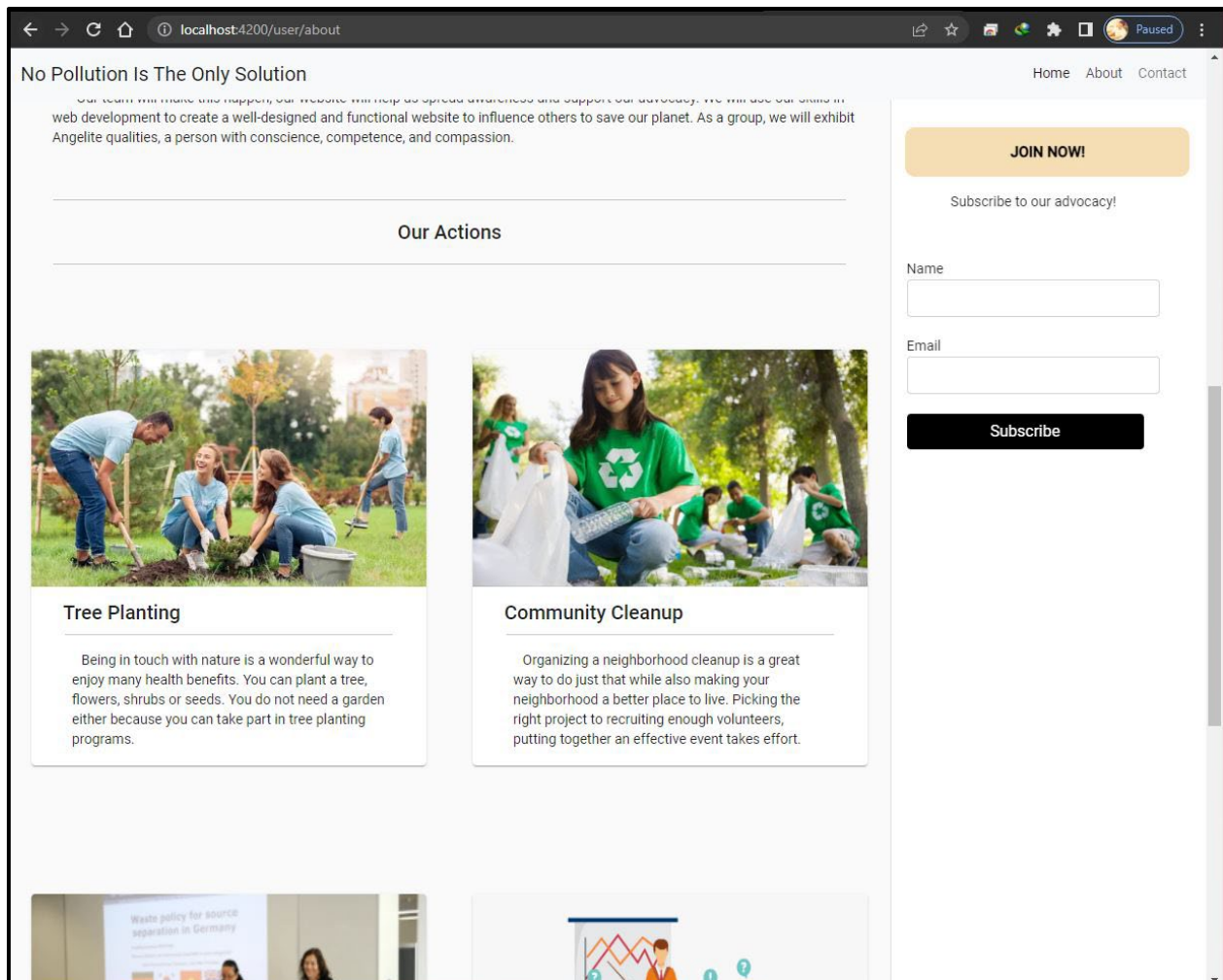


Figure 8: About Page (middle section)

localhost:4200/user/contact

Paused

No Pollution Is The Only Solution

HomeAboutContact

Contact Us

Thank you for your interest in out advocacy. Please contact us via phone, mail, or the contact from below

Phone (216) 579-1822

#1 St Street Angeles City, Pampanga Philippines

Contact Form

☐ General Inquiry

☐ Volunteer

☐ Donate

☐ Report a problem

First name:

Last name:

Phone Number:

Email:

Type message here...

Submit

JOIN NOW!

Subscribe to our advocacy!

Name

Email

Subscribe

"NO POLLUTION IS THE ONLY SOLUTION"

Together let us make a difference!

Figure 9: Contact Page

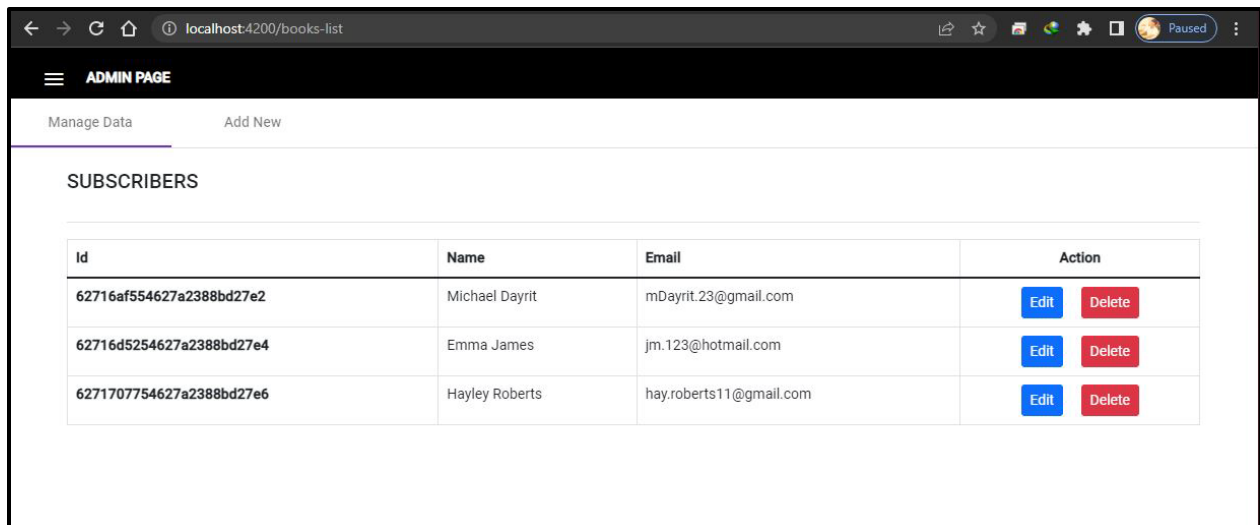


Figure 10: Admin -> Manage Data tab

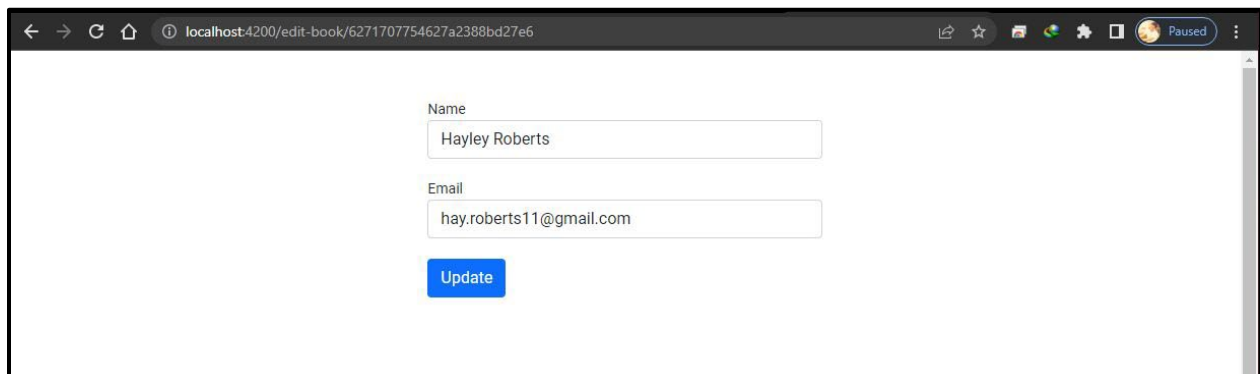


Figure 11: Admin -> Edit Page

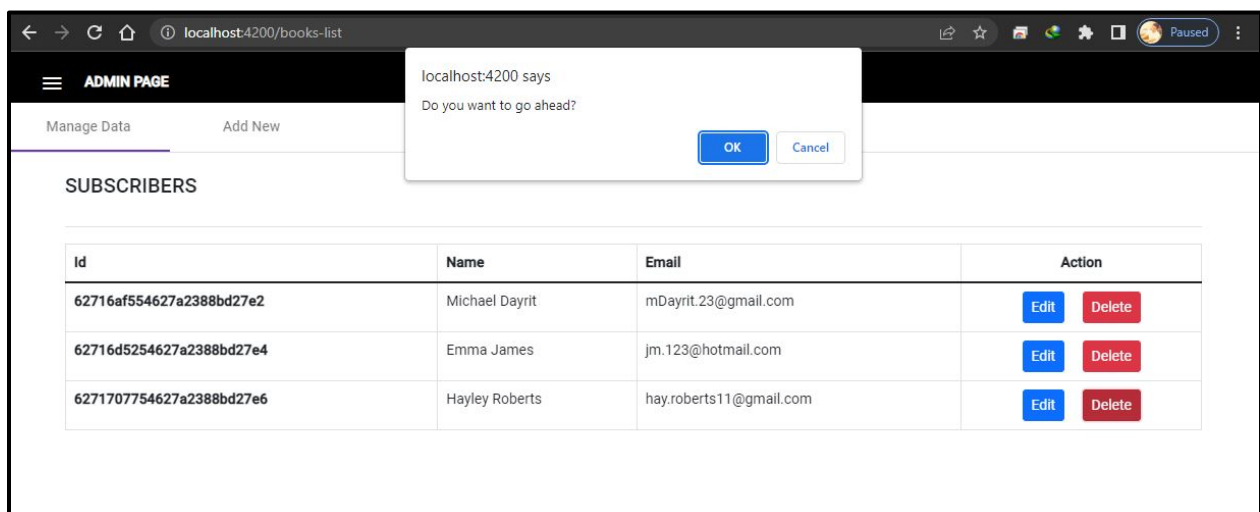


Figure 12: Admin -> Delete Data

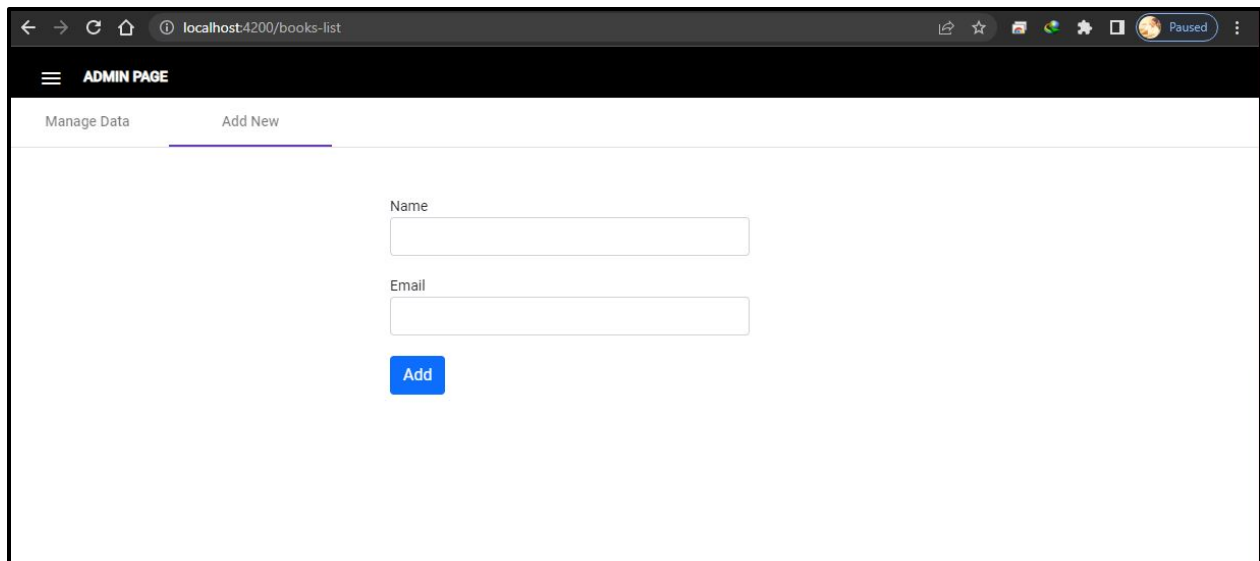


Figure 13: Admin -> Add New tab

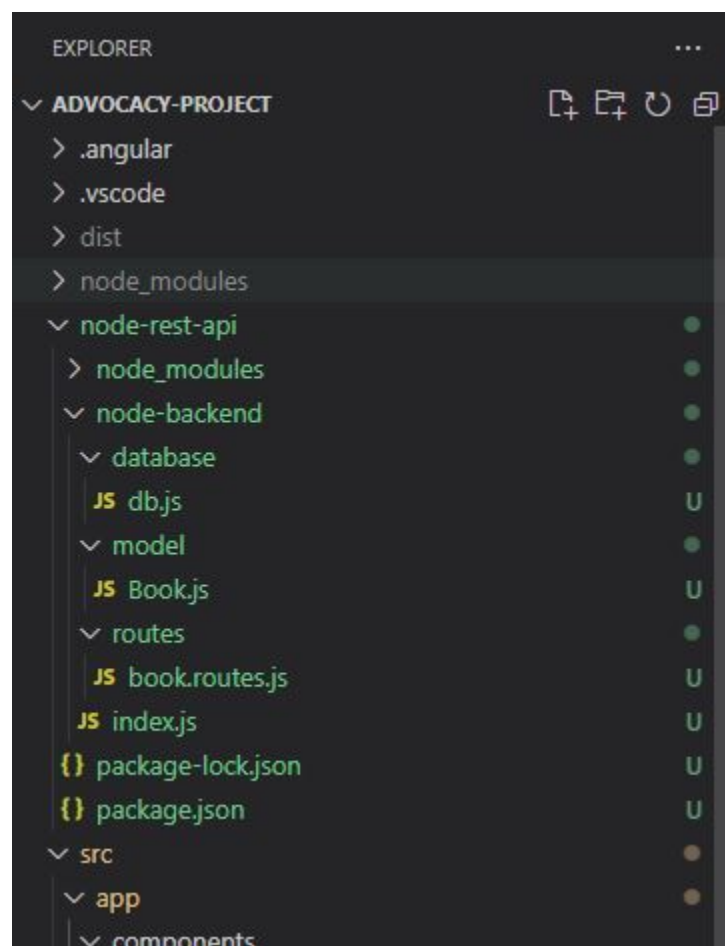


Figure 14: Contents of /node-rest-api directory

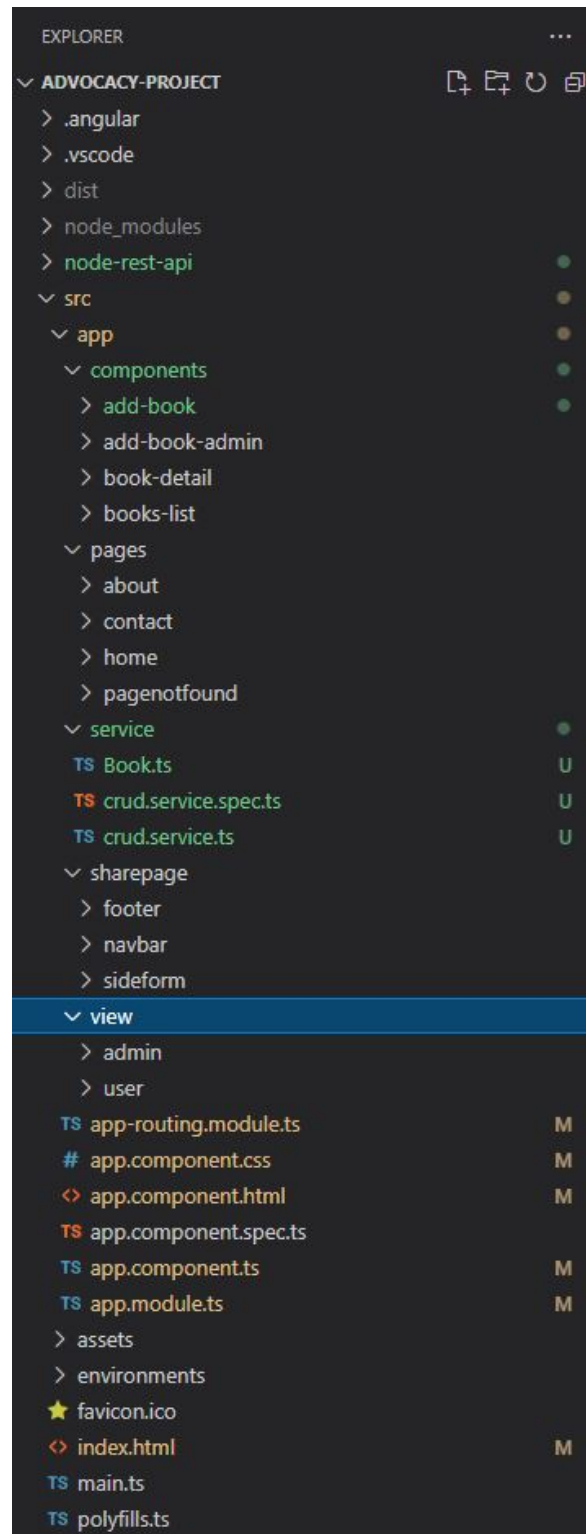


Figure 15: Contents of **/src/app** directories

```

const routes: Routes = [
  { path: '', pathMatch: 'full', redirectTo: 'user/home' },

  {path: 'user', component: UserComponent,
    children: [
      {path: 'home', component: HomeComponent},
      {path: 'about', component: AboutComponent},
      {path: 'contact', component: ContactComponent},
      {path: 'sideform', component: SideformComponent},
    ],
  },
  {path: 'admin', component: AdminComponent,
    children: [

    ]
  },
  {path: 'add-book', component: AdminComponent},
  {path: 'books-list', component: AdminComponent},
  {path: 'edit-book/:id', component: BookDetailComponent},
  {path: '**', component: PagenotfoundComponent}
];

@NgModule({
  imports: [RouterModule.forRoot(routes)],
  exports: [RouterModule]
})
export class AppRoutingModule { }

```

Figure 16: Routes snippet

Conclusion:

In this project, we were able to create a web application and demonstrate basic CRUD. There was a challenge in setting up the database with MongoDB Atlas, so we decided to complete the app using the local connection to the MongoDB database. We were able to learn a lot with this project and there are lots of room for improvements like the connection of the contact form and the connection of the database when deployed. We are still happy with what we accomplished hopefully we can enhance our skills in preparation for our professional careers.

Links

GitHub Repository:

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

Deployment Page:

<https://gtan11.github.io/WD-302-No-pollution-is-the-only-solution/index.html>

Documentation and codes:

<https://github.com/gtan11/WD-302-No-pollution-is-the-only-solution/tree/main/documents>

Video Presentation:

https://drive.google.com/file/d/1S3OnuA2RYXdo9LdQO_X4Svixw5pn4YOz/view?usp=sharing