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U I D :- 2023300222 F Y B.Tech Computer Engineering

Group no : 38 Mentor :- Prof . Suman Majee

Topic :- Sustainability Talks - Towards a Greener Future

## ***Rishabh Shenoy Log Book for this project :-***

### ***Week 1:-***

We created a Whats App group to facilitate communication among group members. Each of us conducted individual research on potential project topics. To gather more insights, we designed a Google form with various questions and circulated it among different groups and contacts. We aimed to collect as many responses as possible to aid in our analysis. While waiting for responses, we continued with our research to explore and refine our project ideas further.

### ***Week 2:-***

With over 150 responses collected from the Google form, we proceeded to analyze the data to identify potential solutions for the topics. This analysis provided valuable insights and helped us understand the preferences and needs of our target audience. To finalize our project topic, we conducted a poll within our group, ensuring that everyone had a say in the decision-making process. After selecting the topic, we attempted to reach out to local officials to seek their assistance and guidance. Unfortunately, our efforts to engage with them were not successful. Despite this setback, we remained determined and continued to explore alternative approaches and resources to support our project. Our team's resilience and collaborative spirit have been crucial in overcoming challenges and driving our project forward.

### ***Week 3:-***

We created an outline of all the activities we wanted to conduct during the project and began preparations accordingly. One of our planned activities was a beach cleanup, but we were unable to proceed due to heavy rains in the area. In response, we focused on understanding why there was so much garbage on the beaches. We conducted research by analyzing reports from several NGOs and conducting interviews. Through this investigation, we discovered that there is only one dustbin on the entire PachuBandar Beach, highlighting a significant lack of waste disposal facilities contributing to the pollution problem.

### ***Week 4:-***

Our first project activity was a cleanup of the Pachubandar Jetty in Vasai on June 28 , 2024. During this event, we collected an impressive amount of garbage, highlighting the severity of the pollution problem in the area. In total, we gathered several tons of waste, including plastic bottles, discarded fishing nets, and other debris that had accumulated on the beach. The cleanup effort not only helped to restore the natural beauty of the Pachubandar Beach but also raised awareness among local residents about the importance of maintaining a clean environment. Additionally, Rishabh Shenoy conducted an interview with Mr. Prasad Thosar, an environmental expert, who provided valuable insights into the local ecosystem. Mr. Thosar discussed the potential benefits of plantation initiatives in the area and the importance of selecting the right plant species to avoid environmental threats. He emphasized the risks posed by invasive weeds, which can outcompete native plants and disrupt the local biodiversity. His advice will guide our future efforts in promoting sustainable environmental practices. Overall, the Pachubandar Jetty cleanup was a significant step in our project, demonstrating our commitment to environmental conservation and setting a strong foundation for our ongoing efforts to make a positive impact in the community.

## *Week 5:-*

Rishabh Shenoy, curious about weeds, interviewed one of Vasai’s most respected social workers, Mr. Ashok Shinde. Mr. Shinde provided valuable insights into weeds, discussing their root causes and negative impacts on the environment. His expertise shed light on how weeds can disrupt local ecosystems, harm native plants, and affect agricultural productivity. In parallel, all group members collaborated to create a website dedicated to plastic management. This website serves as an educational platform, showcasing best practices for reducing plastic waste, recycling methods, and the harmful effects of plastic pollution on the environment. By sharing knowledge and resources, we aim to inspire and empower the community to take action against plastic pollution and promote sustainable practices.

## *Week 6:-*

We visited Bhuigaon Beach and undertook the task of removing invasive weeds from the area. After successfully clearing the weeds, we planted trees near the beach to help restore the natural habitat and prevent soil erosion. During this activity, we interviewed Lisbon Ferrao, who provided valuable insights into effective weed management and the benefits of tree planting for coastal ecosystems. To further spread awareness about our community project, we visited Gonsalo Garcia High School. There, we engaged with students and teachers, sharing the objectives and progress of our initiative. We emphasized the importance of environmental conservation and encouraged the school community to participate in local cleanup and plantation efforts. Our visit aimed to inspire young minds to take active roles in preserving their surroundings and contribute to a cleaner, greener future. Through these activities, we reinforced our commitment to environmental sustainability and community involvement.

## *Week 7:-*

We organized a clothes donation drive in the Parnaka and Pachubandar areas of Vasai, distributing clothing to those in need and reinforcing our commitment to community service. To document and showcase our efforts, we created a comprehensive PowerPoint presentation and a detailed report highlighting all aspects of our project, from the beach cleanups and weed removal to the tree planting and educational outreach. We then submitted and presented our project to Prof. Suman Majee, demonstrating the impact of our activities and the lessons learned throughout the process. Our presentation aimed to highlight the significance of environmental and social initiatives and how they can inspire positive change in the community.

The overall project by group 38 can be showcased with the help of table below :-

Activity	Start	End	Notes
Creating Whatsapp Group	1st June 2024		We created a whatsapp group with all the group members to connect with each other.
Research	2nd June 2024	5th June 2024	We all individually did research about the topics which we could take up for the project.
Circulate Google Forms	6th June 2024		I created a google form to gain information for the group regarding various outlooks and issues faced by people.
Bring in responses	6th June 2024	15th June 2024	We pushed out the google form and seeked more and more responses so it could help us in analysing. We continued with our research in thhe meanwhile.
Analysis of the responses	15th June 2024	20th June 2024	With over 190+ responses on the google form, we went ahead and analysed it and tried to find solutions to those topics
Topic Selection	21st June 2024	30th June 2024	A poll was conducted within the group to select the topic for the project.
Contacting the local officials	22nd June 2024	10th July 2024	We tried contacting the local officials to seek assistance from them... but sadly that was not successful.
Searching for NGOs	1st July 2024	15th July 2024	A search for NGOs was conducted. We tried contacting various organisations hoping for a positive response from their side.
Planning out the activities	11th July 2024	20th July 2024	We created an outline of what all activities we wanted to conduct during the project and did preparations for the same
Rains affecting our plans	15th July 2024		We wanted to conduct beach cleanup but were unable due to the heavy rains in the area.
Beach Cleanup	21st July 2024		We had our first activity of the project. We cleaned the pachubandar jetty in Vasai.
Weed Management	23rd July 2024		We went to Bhuigaon beach and removed weeds from the area in order to plant useful trees.
Activity	Start	End	Notes
Planatation drive	23rd July 2024		After removing weeds, we planted trees near the beach enhancing the greenery in the area.
Interview	23rd July 2024		Interviewed Lisbon ferrao regarding his thoughts with the current situations of NGOs and volunteer work.
Awareness drive in school	27th July 2024		Went to gonsalo garcia high school and spread the word about our community project

Clothes Donation	29th July 2024	30th July 2024	Did a clothes donation drive in parnaka, pachubandar areas of Vasai helping needy people get clothes.	
Website creation	29th July 2024	3rd August 2024	I started the work on making a website to report of the issues faced by people.	
Working on report	29th July 2024	1st August 2024	Simultaneously I decided to work on the making of the report, detailing each step of the it.	
Submission day	31st July 2024		Submitted and presented our project succesfully.	
Submitting log books and data	2nd August 2024		We completed all the submissions regarding this project	