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MODULE: Web Development (Introduction)

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## Clean Water for All<sub>est. 2025</sub>

My non-profit organization is called Clean Water for All. We are a group of environmentally conscious students, and we have been joined by public health advocates who witnessed a decreased access to clean water. We have recognized that climate change and aging infrastructure were hitting underfunded communities the hardest, turning water into a crisis.

We are dedicated to environmental conservation of water resources with a focus on underfunded communities and infrastructures. We are envisioning a future in which every human has access to clean, safe and sustainable water.

The reason I chose this organization is because it helps a lot of people who are struggling with their situation with water, as well as their daily necessities.

Our Target Audience is to Secondary Schools, volunteers, donors, and everyone who is environmentally conscious.

Together we can ensure that clean water is not a privilege but a basic human right.

## Website Goals

Raise awareness - about the dangers of consuming unclean water and the current water crisis. We will be educating the members about waterborne diseases and the importance of sanitation.

Increase engagement: our website will be detailed and is updated regularly, we hope visitors will get involved if they know every move we are making

Interact more with potential volunteers and sponsors

Tracking the success of our NGO

We are currently accepting donations to buy:

1. JoJo Tanks so that we can supply underfunded communities with clean water
2. Water filters so we can remove impurities and contaminants

We are planning to use the water filters for tasks such as bathing and washing. The tanks will be for essentials such as drinking and for cooking.

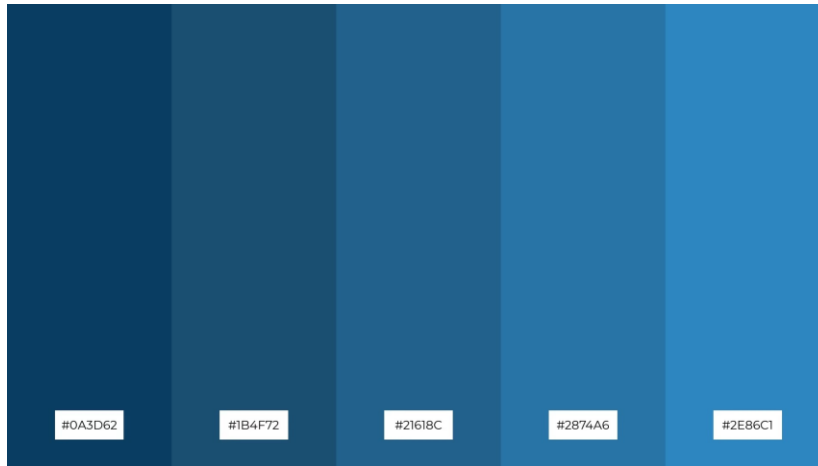
There are plans to teach children about the importance of water conservation

## Website Functionality

Our website will have the following features so that you can know more about Clean Water for All

1. Homepage: On this page you will find our logo and slogan "Access to clean and safe water for all"
2. About Us: On this page you will find information about our NGO including:
  - Our team of Rosebank College students, other volunteers and sponsors
  - Our history and how we came up with this campaign
3. Projects: you will find where our team is currently at and the resources we use
  - A map showing all the parts of South Africa with poor water quality
  - Photos that we took on the fields, showing the communities, we serve
4. Contact: here you will find payment info for donations.
  - Deeper information for companies that sponsor us.
5. News: here you will find blogs about the current state of the water crisis in South Africa and international
6. Enquiry: Page if you want to sign up to be a volunteer or a potential sponsor

# Website Design



We are planning for a Deep Blue palette to match with our organization. We think it fits well with our website because we are mainly focused on water.

For headings we will use the Arial font for the headings

For the text body we will use Open Sans

Both these fonts are comfortable to readers

For our **news** page, we will use a Times New Roman font as it is commonly used for newsletters.

## NAVIGATION BAR:

Will be horizontal and located at the top of the web page with links to these pages: HOME, ABOUT US, PROJECTS, ENQUIRY, NEWS & CONTACT US. The buttons will hover when you put the cursor on them.

## Technical Requirements

For my Domain Name it is: cleanwaterforall.org.za

For the programming language I am going to be using:

- HTML for creating the web pages
- CSS for styling the web pages
- JavaScript to make the website easier for users and for interactive features.

## Timeline and Milestones

18 August 2025: I started by mapping out my ideas for my two proposals, the one for the NGO and the one for my store.

20 August 2025: I submitted 2 proposals, the one of the NGO got approved.

21 – 25 August 2025: I started to build the website and include pictures of our organization. Only the structure, there is no CSS yet.

26 August 2025: Fixed all bugs

27 August 2025: Created a repository on GitHub and submitted the first part

## Budget

Registering the domain name - cleanwaterforall.org - R99.00 for a year

A shared Website host - R129.00 per month

Email only hosting - @forall - R69.00 per month

Used Figma for creating the wireframes - R0

I wrote the entire website Notepad++ - R0