WEB DEVELOPMENT (INTRODUCTION)

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**PART 1: BUILDING THE FOUNDATION**

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# Project Proposal 1 – Green Steps Youth Foundation

**Organization Overview:**  
Green Steps Youth Foundation is a community-based non-profit founded in 2016 in Durban. It focuses on empowering underprivileged youth through environmental education, skills development, and volunteer programs.  
  
**Mission**: To create a generation of environmentally conscious young leaders.  
Vision: A future where youth are active stewards of their communities and natural environment.  
Target Audience: Local youth (ages 12–25), volunteers, sponsors, and community partners.

**Website Goals and Objectives:**  
- Raise awareness about programs and projects.  
- Recruit volunteers with an easy sign-up process.

**Proposed Website Features and Functionality:**  
- Homepage with hero image and call-to-action.  
- About Us page with history and mission.  
- Projects page with highlights.  
- Volunteer sign-up form.  
- Contact page with multiple locations and a contact form.

**Design and User Experience:**Color Scheme: Green (#2E7D32), Blue (#0288D1), White (#FFFFFF).  
Typography: Montserrat for headings, Open Sans for body text.  
Layout: Simple, modern, mobile-friendly.  
Wireframes: Homepage with hero banner, project highlights, and call-to-action.

**Technical Requirements:**  
Domain: greensteps.org.za  
Frontend: HTML, CSS, JavaScript  
Hosting: Shared hosting

**Timeline and Milestones:**  
- Week 1: Research, content gathering, sitemap  
- Week 2: Build HTML structure  
- Week 3: Add CSS styling  
- Week 4: Finalize forms and test site

Budget: R900- R1000 per year (hosting & domain), R500 annual maintenance.

# Project Proposal 2 – Sweet Crumbs Bakery

Organization Overview:  
Sweet Crumbs Bakery is a family-owned bakery based in Cape Town, established in 2012. It specializes in artisanal bread, cakes, and pastries using locally sourced ingredients.  
  
Mission: To deliver high-quality baked goods with a homemade touch.  
Vision: To become Cape Town’s preferred community bakery.  
Target Audience: Residents, businesses, and online customers.

Website Goals and Objectives:  
- Enable customers to order products online.  
- Strengthen brand identity.

**Proposed Website Features and Functionality:**  
- Homepage with rotating product slider.  
- About Us page with bakery story.  
- Products page with prices.  
- Order form for customers.  
- Contact page with map and hours.

**Design and User Experience:**  
Color Scheme: Cream (#FFF3E0), Brown (#6D4C41), Pink (#F8BBD0).  
Typography: Playfair Display for headings, Lato for body text.  
Layout: Product-focused, grid layout with large images.

**Technical Requirements:**  
Domain: sweetcrumbs.co.za  
Frontend: HTML, CSS, JavaScript  
Hosting with e-commerce plugin support.

**Timeline and Milestones:**  
- Week 1: Content and sitemap.  
- Week 2: Build HTML structure.  
- Week 3: Upload product images.  
- Week 4: Test ordering form.

Budget: R1,200- R1300 per year (hosting & domain), R600 payment integration, R500 maintenance.

# Folder & File Structure

**The website will use a structured file as shown below:**

Root Folder: Website Project/  
│── index.html (Homepage)  
│── about.html (About Us)  
│── services.html / products.html  
│── enquiry.html (Enquiry / Orders / Volunteer)  
│── contact.html (Contact Page)  
│  
├── CSS/  
│ └── style.css  
├── is/  
│ └── script.js  
├── images/  
│ ├── logo.png  
│ ├── hero.jpg  
│ ├── products/ (subfolder for bakery)  
│ └── projects/ (subfolder for NPO)  
└── docs/  
 └── README.md

# Sitemap

**The sitemap outlines the structure and navigation hierarchy:**  
  
- Homepage (index.html)  
 -About Us  
 -Services / Products  
 -Enquiry  
 -Contact

# Timeline and Milestones

Week 1: Research, content gathering, and sitemap.  
Week 2: HTML structure development.  
Week 3: Add CSS styling and images.  
Week 4: Testing, debugging, and launch preparation.

# References

[Wix.com (2025). 15 benefits of a website for business growth.](https://www.wix.com/blog/benefits-of-a-website)

[Frontier Business (2023). Pros and cons of having a website.](https://business.frontier.com/blog/pros-and-cons-of-having-a-website)

[ArtVersion (2024). Metrics and KPIs in Web Design.](https://artversion.com/blog/metrics-and-kpis-in-web-design/)

[Matondo (2024). What are website KPIs (10 KPIs and best ways to track them).](https://matomo.org/blog/2024/05/website-kpis/)

[Investopedia (2005–2025). KPIs: What are key performance indicators?](https://www.investopedia.com/terms/k/kpi.asp)