



FIGURE 1: COMPANY LOGO

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## WEDE 5020 POE PROPOSAL

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**ST10435860**



**SABELO INNOCENT MAHLALELA**  
**DMT2**

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I have correctly cited all my sources of information.	✓
My referencing is technically correct, consistent, and congruent.	✓
I have acted in an academically honest way in this assessment.	✓

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## **Muianga Maqor (Pty) Ltd**

Is a tech company that provides cloud services such as cloud migration, cloud security, managed cloud services, and hybrid cloud integration solutions.

### **History**

Muianga Maqor was found in 2019 with the aim of providing modern cloud solutions to help businesses adjust into the fast-changing digital era. The company has focused on delivering services such as cloud migration, infrastructure management, and cybersecurity solutions. Even though the company is still new in the tech industry, Muianga Maqor has built a reputation as a trusted tech partner for both small businesses and big organizations in South Africa and abroad (Smith, 2020).

### **Mission**

To deliver exceptional cloud solutions that enable businesses to innovate, scale, and stay competitive in a fast-changing tech world (Gartner, 2021).

### **Vision**

The vision of Muianga Maqor is to become a leading global provider of cloud-based solutions, enabling businesses of different sizes to innovate, scale, and operate efficiently. The company aspiration is to introduce technological transformation across different industries by offering affordable, reliable, and sustainable cloud technologies that make a positive impact on businesses and society.

### **Target Audience**

- Small businesses that are looking for affordable cloud services,
- Large enterprises that need advanced cloud infrastructure,
- Government or NGOs in need of safe and reliable cloud services (IETF, 2020).

### **Website Goals and Objectives**

- Promote the organization as a Brand – Build an online presence and showcase Muianga Maqor as a trusted leader in cloud solutions (Device42, 2025; TechGrid, 2025).

- Provide Information – Offer clear details about the company's services such as cloud migration, infrastructure management, and cybersecurity (Device42, 2025).
- Improve Customer Engagement – Allow clients to contact the company through inquiry forms, chat support, and social media integration easily and attract new clients (TechGrid, 2025).
- Support Existing Clients – Provide a client portal for accessing cloud resources, updates, and technical support (SmartVault, 2025; Dock, 2025).

### **PROPOSED WEBSITE FEATURE AND FUNCTIONALITY**

Home Page - Contains company overview and highlights.

About Us - Page Provides history, vision, and team details.

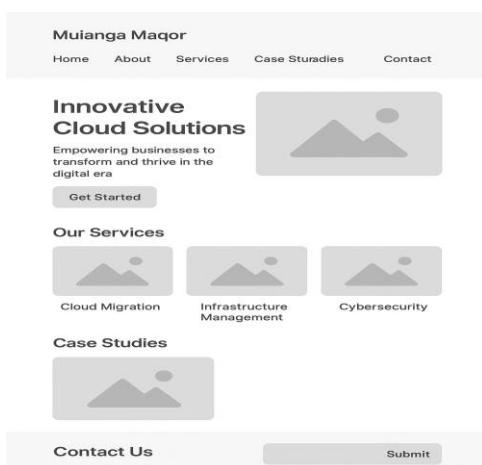
Services Page - Contains our services which is cloud migration, cloud security, managed services, hybrid cloud.

Contact Page - Contains inquiry form, email, Social Media platforms phone, and address

### **DESIGN AND USER EXPERIENCE**

The website is responsive, and the layout will ensure that visitors can easily navigate through web pages (Nielsen, 2012).

It will use a modern clean sans-serif font such as Roboto or Open Sans for headings, body texts and paragraphs to improve readability and give a professional look. The website will use a colour palette that is cloud-inspired with blue, white and a shade of black to represent trust, reliability and technology (Lupton, 2014).



**FIGURE 2: LOW FIDELITY WIREFRAME**

## **TECHNICAL REQUIREMENTS**

The website will be developed using modern technologies to ensure high performance and security. For the front-end we will use HTML, CSS, and JavaScript to create a responsive and interactive user webpages (MDN Web Docs, 2023).

The back-end will use PHP, which is mostly used for handling server-side logic and database communication (Flanagan, 2020).

A MySQL database system will be implemented to support structured data management depending on the needs of the business (Chodorow, 2013).

For hosting, the website will use AWS- Amazon Web Services as they provide reliable uptime, security, and international scalability (Amazon Web Services, 2022).

### **New Features Added**

Responsive Toggle Navigation Menu

Added a hamburger menu for mobile screens.

Menu slides down when toggled, allowing easy navigation on smaller devices.

Fully functional on all pages (Home, About, Services, Contact, Blogs).

### **Professional Contact Form**

Redesigned form with modern card layout.

Additional optional phone field.

Smooth focus and hover animations.

Fully responsive layout.

### **Embedded Google Map**

Displays location directly on the contact page.

Responsive iframe integrated under the contact form

### **Responsive Design**

Website is fully responsive across all devices.

All pages adjust layout automatically based on screen size.

Includes responsive form, menu, map, and chatbot elements.

### **Technologies Used**

HTML5 & CSS3

JavaScript (Vanilla JS)

Font Awesome Icons

Google Maps Embed

Responsive design using CSS Flexbox and Media Queries

### **Future Improvements**

Introduce an AI chatbot called SubXeroM.

Add email backend for form submissions.

Implement animations for sections.

Add dark/light mode toggle.

## **TIMELINE AND MILESTONES**

### **Week 1–2: Planning and Designing phase**

The phase focuses on gathering all the requirements and identifying the target audience. A demo website is created to give a clue of the layout and user interface. The design must align with the organization's (Pressman, 2015).

### **Week 3–5: Development and Content Integration phase**

In this phase developers build the front end and back end of the website using the above-mentioned technologies. Content such as company information, services and images are added (Flanagan, 2020).

### **Week 6: Testing and Optimization phase**

The functionality, performance and security of the website is tested. Problems such as broken links, slow loading, and security vulnerabilities are noted and fixed. Optimization is performed to ensure fast loading speed and an uninterrupted user experience in different devices (Sommerville, 2016).

### **Week 7: Launching and Training phase**

The complete website is deployed to a live server and accessible to customers and the public. Administrators and other team members are trained to manage and update the web page content when needed (Laudon & Laudon, 2020).

## **BUDGET**

<b>Service</b>	<b>Description</b>	<b>Estimated Cost (R)</b>
<b>Domain Registration p/a</b>	registration of company website	R 250
<b>Web Hosting p/a</b>	hosting with backups and security	R 1,500
<b>Website Design and Development</b>	User interface design, coding, integration	R 18,000
<b>Content Creation</b>	Text, branding, images, and SEO optimization	R 5,000
<b>Testing and Quality Assurance</b>	Functionality, performance, and security testing	R 3,000
<b>Training for Staff</b>	Training sessions on how to update/manage site	R 2,500
<b>6 Months Maintenance</b>	updates, bug fixing, and support	R 4,000
<b>TOTAL</b>		R34,250

The total budget for the Muianga Maqor website is R 34,250. Costs are allocated to make sure that all phases are catered for.

Planning and design for User Interface and domain setup, development and content for coding, testing for performance and security, launch and training for hosting and staff use. This budget distribution shows standard website project practices and ensures a functional, sustainable website (Pressman & Maxim, 2014)

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