# WEBSITE PROJECT PROPOSAL

# WEB DEVELOPMENT (INTRODUCTION) WEDE5020

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# Web research and planning

## 1. Organisation Overview:

| | |
|---|---|
| Name: [Organisation Name] | Mananto Academy |
| Provide a brief history of the organisation | Mananto Academy is a local preschool founded in 2015 to provide quality early childhood education to the community. The academy focuses on a nurturing environment where children develop cognitive and social skills through play-based learning. |
| Mission and vision statements | • **Mission**: No mission statement on the website.<br>• **Vision**: The vision is to support every child in their quest to become the best they can be, through engaging them in our rich learning environment and caring for them with genuine affection.<br>We foster a passion for learning and exploration that will last your child a lifetime, and instil in them morals , values and respect the environment as well as people and their cultures. |
| Target audience | Parents and guardians of children aged 2–6 in the surrounding community. |

### 1.1. Website Goals and Objective

**Objectives**

| | |
|---|---|
| WEB interaction | Improve online presence and visibility in the community. |
| User friendly features | Facilitate easy online registration of a child and payments. |
| Information sharing | Share important updates and information with parents and get feedback on the. |
| Reviews | Get feedback from the parents on various services offered by the organisation. These can be posted from all social media platforms. |
| UX | Improved and appealing interface that is user friendly with ease of click navigation. |
| Web speed | Increase web speed to improve user experience. |

**Key Performance Indicators**

| | |
|---|---|
| WEB usage | Increase the number of WEB applications by 60% using the online form. |
| WEB traffic | Increase website traffic by 40% in 6 months |
| Admin costs | Reduce admin time and resource costs by 30% through automation |

### 1.2. Current Website Analysis:

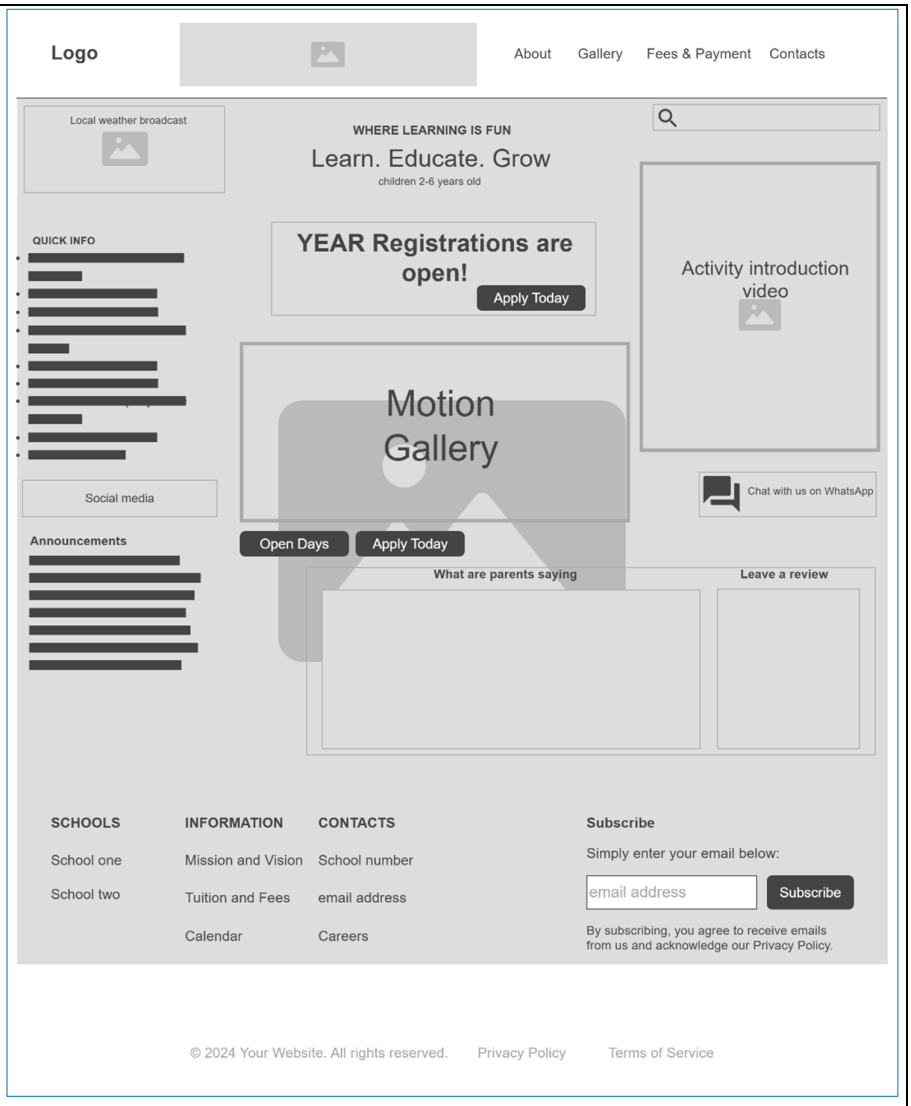
| | |
|---|---|
| Domain | https://manantoacademy.co.za/ |
| Strengths | • Colour coordination and images are well used and represent the type of business (pre-school).<br>• Appealing home page. |
| Weaknesses | • Too much scrolling to get to important information.<br>• No flowing structure when navigating through the website.<br>• Broken links/buttons.<br>• Incorrect web interaction identified on the contact us section.<br>• Ineffective usage of space on the homepage.<br>• Ineffective contact form interaction.<br>• Poor homepage content structure. |
| Areas of Improvement | • Streamline homepage layout<br>• Landing pages.<br>• Improved navigation.<br>• Make contact form fully responsive and functional.<br>• Introduce additional interactive features. |

### 1.3. Proposed Website Features and Functionality:

| |
|---|
| Home page |
| Landing pages |
| Site Map |
| Online registration and payments |
| Social media interaction |
| Reviews |
| School calendar and updates |
| Local weather iFrame |

### 1.4. Design and User Experience:

| | |
|---|---|
| Colour Scheme | Use existing brand colours, enhanced with bright, playful shades to reflect a child-friendly environment. |
| Typography | Combination of rounded sans-serif fonts and interactive headings to make content playful and readable. |
| Layout and Design | Clean and consistent layout with visible call-to-action buttons, visual hierarchy, and images of school life. |
| User experience considerations | • Navigation:<br>  ○ Sticky top menu with anchor links.<br>  ○ Important information first and easily accessible.<br>• Layout:<br>  ○ Responsive design grid for mobile/tablet.<br>  ○ Responsive design grid for WEB.<br>• Colour Scheme:<br>  ○ Consistent use of brand identity. |

| | |
|---|---|
| Low-fidelity wireframes |  <br>Figure 1: Homepage Wireframe for Mananto Academy<br>(Source: Wireframe.cc, 2025) |

## 1.5. Technical Requirements:

| | |
|---|---|
| Hosting and domain name requirements | Renewal of existing domain and setup of managed hosting. |
| HTML, CSS<br>Bootstrap framework | For front-end design |
| JavaScript | For interactivity |

### 1.6. Timeline and Milestones:

| | |
|---|---|
| Phase 1 | Week 1-2 (1 – 14 June 2025): Research & Planning |
| Phase 2 | Week 3-4 (16 – 22 June 2025): Wireframing & Design Mockups |
| Phase 3 | Week 5-7 (23 June – 18 Aug 2025) Development & Testing |
| Phase 4 | Week 8 (19 – 27 Aug 2025): Final Presentation and Submission |

### 1.7. Budget:

| | |
|---|---|
| Development | R0.00 |
| Hosting | R159.00 p.m |
| Maintenance | R450 p.m |
| Domain transfer | R0.00 |

## Website Content Planning and Structure

## 2. Content Research and Sourcing:

Organisation's Website

https://manantoacademy.co.za/

Current pages:

| **Home page** | | |
|---|---|---|
| Introduction | Gallery | Location<br>Operating hours<br>Contacts<br>Social media links |
| Quick Info | About us | Our vision |
| Testimonials/Reviews | | |
| Old Reviews on | Star rating and comments | |
| School news and Updates | Open day banner | |
| Statistics | Get InTouch | |

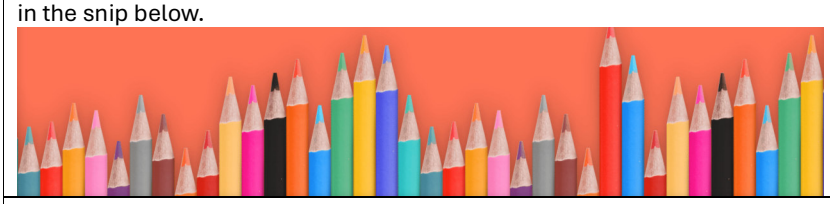
| **About page** | |
|---|---|
| About our Class rooms | About our school<br>Register your child<br>Staff \| Parents \| Volunteers |
| Our Facilities | Code of conduct |
| Staff gallery | Staff members |
| Statistics | Get InTouch |

| **Services page**<br><Register Now> | |
|---|---|
| What we offer | Picture |
| Reasons to choose us | |
| How to register | |
| Contacts | Steps |
| Academy curriculum | |
| Extra mural | |

| | |
|---|---|
| Registration requirements | Gallery |
| Registration documents | |
| Statistics | Get InTouch |

| **Gallery** | |
|---|---|
| How it started | Gallery |
| How it is now | Gallery |
| Extra mural | Gallery |
| Class room | Gallery |
| Outdoor | Gallery |
| Staff | Gallery |
| Fundrasing | Gallery |
| Beyond the books | Gallery |
| Birthdays | Gallery |
| Grade R | Gallery |
| Learn by doing | Gallery |
| School play | Gallery |
| Videos | Gallery |
| Statistics | Get InTouch |

## 2.1. Web pages content:

| | |
|---|---|
| Home page | Keep the same organisation's current logo.<br>Navigation links:<br>• About<br>• Gallery<br>• Fees & Payments<br>• Contact us<br>Have a colourful background that consist of the theme in the current website in the snip below.<br>  |
| | • Set the background to a bright colour.<br>• Organisation's moto and registration notice<br>• Quick Info section<br>• Search box at the top right corner just below the navigation links.<br>• Motion gallery<br>• Activity video<br>• WhatsApp chat link<br>• Links to apply online<br>• Mission and vision statements<br>• Social pages |
| About | • The history of the pre-school in pictures and narrations.<br>• Staff information<br>• Class room information |
| Galley | All activities that the pre-school takes part in are included in the gallery.<br>• Include pictures and videos. |
| Fees & Payments | Clearly outline the fee structure and include an online payment functionality once online registration is completed. |

| Services | Available curriculum and meals |
|---|---|
| Contact us | • Social media<br>• Reviews section<br>• Office hours |

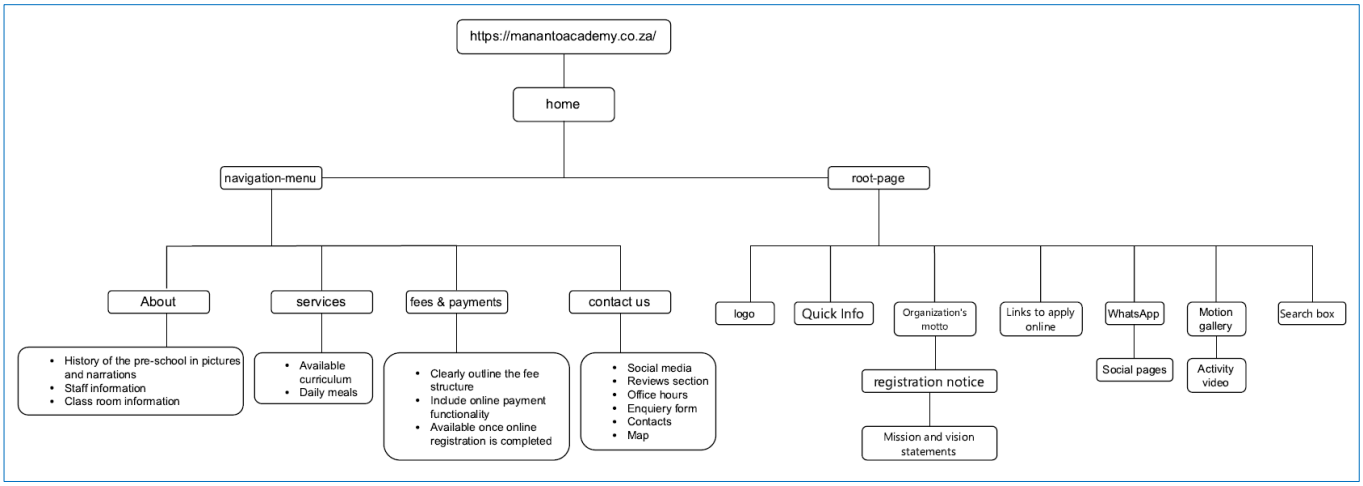
- Social media: https://www.facebook.com/p/Ma-nanto-Academy-100063521501954/

- Public Domain and Creative Commons Resources:

  https://pixabay.com/
  https://www.pexels.com/
  http://unsplash.com/
  https://creativecommons.org/

## 3. Website Structure and Planning

### 3.1. Sitemap:



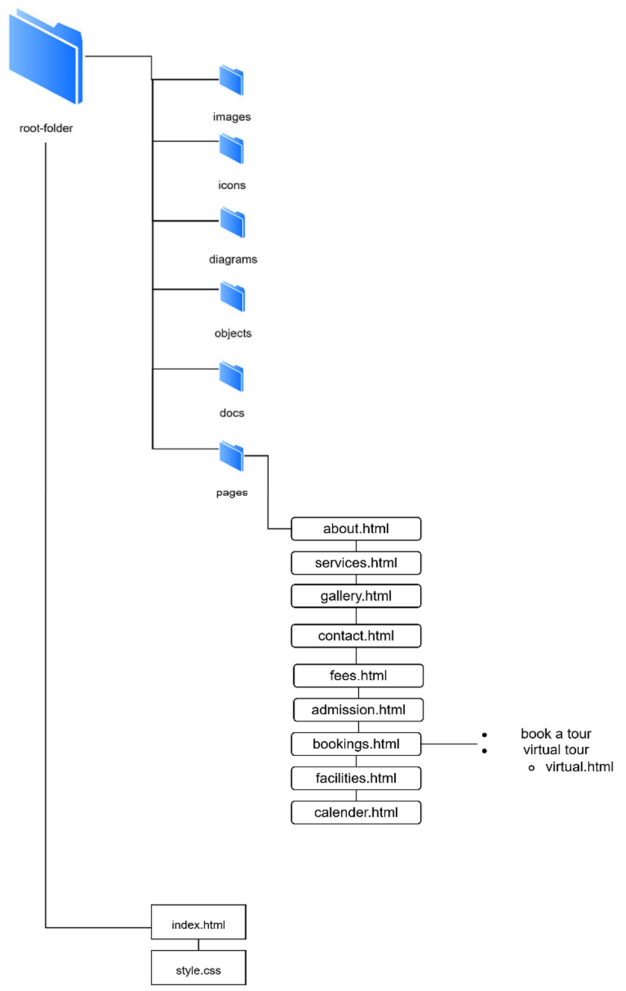

Common Page Structure:

| Page | File name | Description |
|---|---|---|
| home | Index.html | • logo<br>• navigation<br>• search box<br>  ○ hero image<br>  ▪ motto<br>  ▪ open day, registration dates other important dates<br>  ○ registration links<br>  ○ WhatsApp<br>  ▪ socials<br>• motion gallery<br>• reviews |

| | | |
|---|---|---|
| | | • side bar links<br>  ○ our people (staff members and departments)<br>  ○ our classes<br>  ○ our meals<br>  ○ our extra mural<br>  ○ our school transport<br>  ○ our school fees |
| about | about.html | • provides you with the history of the organisation<br>• provides the mission and vision<br>• provides partners and achievements<br>• reviews |
| services | services.html | • curriculum<br>• transport<br>• extra classes<br>• after care<br>• important information |
| gallery | gallery.html | • classes<br>  ○ pictures in different classes<br>  ○ lunch time<br>  ○ swimming classes<br>• extra mural<br>  ○ school trips<br>  ○ internal extra mural<br>  ○ theme day<br>• daily operations<br>• staff<br>• premisses and furniture<br>• children at play |
| contacts | contact.html | • operating hours<br>• contact details<br>• query form<br>• map |
| fees | fees.html | • Fee structure for different age groups |
| admissions | admission.html | • Contains a registration form for a child |
| bookings | booking.html | • Book a tour by school permitted times |
| facilities | facilities.html | • Classes<br>• First aid<br>• Staff<br>• Reception<br>• Play field |
| school calendar | calendar.html | • School terms<br>• Important dates |

## 3.2. File folder structure:

```
├── root-folder
│
├── images/
│       └── logo
├── icons/
│       └── favicon
├── diagrams
├── objects
├── docs
├── pages/
│     ├── about.html
│     ├── contact.html
│     ├── fees.html
│     ├── gallery.html/
│     │     ├── pic1.png
│     │     ├── pic2.png
│     │     ├── pic3.png
│     │     ├── pic4.png
│     │     ├── vid1.wmv
│     │     └── vid2.wmv
│     ├── registration.html
│     └── services.html
│
├── index.html
└── style.css
```



**AI Assistance Statement**

Some parts of this project were developed with the assistance of AI (OpenAI's ChatGPT, GPT-5). Assistance included:

- Setting  up the responsive toddle hamburger button on smaller screen.
- Assistance with coding JS for:
    - Carousel forEach() loop
    - Adding 'active' class to the first button
    - Mock notification on submit/send form
- Help with coding logic and troubleshooting.
    - Uploading of documents on a form
    - Enlarging thumbs on click
- Assistance with bootstrap coding:
    - bootstrap-icons
- All final content, design choices, and code implementation were completed by the myself.

## 9. References:

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