**Custom Word Press Theme - mycustomtheme**

This is a custom-built Word Press theme developed from scratch without using any page builders. It replicates the design provided in the Figma file and includes custom post types and performance optimizations.

**Installation Steps**

1. **Clone or Download the Theme**
   * Clone this repository or download the ZIP file.
2. **Place in Word Press Themes Directory**
   * Copy the folder mycustomtheme to your local Word Press site's theme directory:

C:\Users\Name\Local Sites\custom-theme-site\app\public\wp-content\themes\

1. **Activate the Theme**
   * Go to the Word Press Dashboard:
     + Appearance → Themes → Activate mycustomtheme.
2. **Install Required Plug-in (if any)**
   * Install and activate any necessary plug-in if your theme depends on them (e.g., for custom post types).
3. **Import Demo Content (Optional)**
   * Use the Word Press importer to upload demo content if provided.

**Custom Post Types**

**Testimonials**

A custom post type called **Testimonials** is created to manage client reviews or user feedback.

**Details:**

* Registered in functions.php.
* Supports: title, editor, thumbnail.
* Displayed using a custom loop in the front-page.php or a dedicated template.
* Admin menu label: **Testimonials**.

**Code Example:**

function create\_testimonials\_cpt() {

register\_post\_type('testimonial',

array(

'labels' => array(

'name' => \_\_('Testimonials'),

'singular\_name' => \_\_('Testimonial')

),

'public' => true,

'has\_archive' => true,

'supports' => array('title', 'editor', 'thumbnail'),

'rewrite' => array('slug' => 'testimonials'),

'menu\_icon' => 'dashicons-format-quote'

)

);

}

add\_action('init', 'create\_testimonials\_cpt');

**Performance Optimizations**

1. **Lazy Loading**
   * All images use the loading="lazy" attribute to defer offscreen images.
   * Example:

html

CopyEdit

<img src="image.jpg" alt="..." loading="lazy">

1. **Image Compression**
   * All theme images are optimized before upload.
   * Reduces image file size while maintaining quality.
2. **Minified CSS/JS**
   * CSS and JS files are minified to reduce load time.
   * Enqueued using wp\_enqueue\_style() and wp\_enqueue\_script() in functions.php.
3. **Reduced HTTP Requests**
   * Combined common CSS rules into a single style.css.
   * Removed unused code and libraries.

**Testing & Compatibility**

* Tested on WordPress 6.x
* Responsive layout on desktop, tablet, and mobile.
* Compatible with all modern browsers (Chrome, Firefox, Edge, Safari).

**File Structure Overview**

mycustomtheme/

│

├── assets/

│ ├── css/main.css

│ │

├── functions.php

├── front-page.php

├── header.php

├── footer.php

├── style.css

└── screenshot.png

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