

WORDPRESS DOCUMENTATION

1. INTRODUCTION

WordPress is a way to create websites in an open-source, modular ecosystem. It's known as a Content Management System (CMS), which means you get an intuitive way to create and manage your posts and pages of your website.

There are two ways to do this:

- **Themes** – These dictate the look of your site, although some also provide extra functionality.
- **Plugins** – This is how you extend the functionality of your site, and the plugin ecosystem is huge. You'll be able to find a plugin for any practical application and might need.

Since WordPress is an open-source platform, you're also able to develop your site using any coding skills you have.

2. TASKS

1.Add Post

This task is to add a blog using custom HTML form. The task was done by three steps,

- Create custom template for blog page
- Create HTML form for accepting inputs
- Submit the data by ajax request and store it into database

Source code: Create template and add the form

```
<?php
/**
 * Template name: blogs
 */
get_header();
?>

<main id="primary" class="site-main <?php echo esc_attr( apply_filters( 'botiga_content_class',
" ) ); ?>">

<meta name="viewport" content="width=device-width, initial-scale=1">

<form type="post" action="<?php echo site_url() ?>/wp-admin/admin-ajax.php" id="addPost">

<h3 class="ml-2 mt-2"><i>Add Blogs</i></h3>

<p class="ml-2 mt-2"><label> Post Title <br><span><input type="text" name="title" value=""
size="80" required="required" class="form-control w-50 p-2 ml-2"></span></label></p>

<?php
if( $terms = get_terms( array( 'taxonomy' => 'category', 'orderby' => 'name' ) ) ) :
echo '<span><select name="categoryfilter" class="form-control w-25 p-2 ml-3" ><option
value="" >Select category...</option>';
```

```

foreach ( $terms as $term ) :

echo '<option value="" . $term->term_id . "">' . $term->name . '</option>'; // ID of the category
as the value of an option

endforeach;

echo '</select></span>';

endif;

?><p><span>

<p class="ml-2 mt-2"><label>Post Content<br><span>

<textarea name="body" cols="10" rows="5" required="required" class="form-control w-100 p-
3 ml-2"></textarea>

</span></label>

<input type="hidden" name="action" value="save_ajax_data"/>

<br><button type="submit" class="form-control w-25 p-2 ml-2 btn btn-primary" name="submit-
post">Add</button></p>

</form>

<br>

<br>

</main>

<?php
get_footer();t

```

Custom.js

```

jQuery(function($){
    $('#addPost').submit(function(){
        // console.log("testttt");
        var addPost = $('#addPost');
        $.ajax({
            url:addPost.attr('action'),
            data:addPost.serialize(), // form data

```

```

type:addPost.attr('method'), // POST
beforeSend:function(xhr){

addPost.find('button').text('posting...'); // changing the button label
},
success:function(data){
addPost.find('button').text('post'); // changing the button label back
$('#response').html(data);
// insert data
}
});
return false;

});

});

```

Function.php

```

add_action('wp_ajax_save_ajax_data', 'saveAjaxData'); // wp_ajax_{ ACTION HERE}
add_action('wp_ajax_nopriv_save_ajax_data', 'saveAjaxData');

function saveAjaxData(){
$title = $_REQUEST['title'];
$body = $_REQUEST['body'];
$new_post = array(
    'post_title' => $title,
    'post_content' => $body,
    'post_status' => 'publish',
    'post_date' => date('Y-m-d H:i:s'),

```

```

        'post_author' => $user_ID,
        'post_type' => 'post',
        'post_category' => array($_REQUEST['categoryfilter'])

    );

?>
<?php

$post_id = wp_insert_post($new_post);
if(isset($post_id) )
{
    // echo "Post added";

    // the query

    $wpb_all_query = new WP_Query(array('post_type'=>'post', 'post_status'=>'publish',
'posts_per_page'=>-1)); ?>

    <?php if ( $wpb_all_query->have_posts() ) : ?>

    <!-- <ul> -->

    <!-- the loop -->

    <?php while ( $wpb_all_query->have_posts() ) : $wpb_all_query->the_post(); ?>

    <a href="<?php the_permalink(); ?>"><h4><?php the_title(); ?></h4></a>

    <?php
    the_content(); ?>

    <?php wp_link_pages( array( 'before' => '<div class="page-links">' . __( 'Pages:', 'minamaze'
), 'after' => '</div>', ) ); ?>

    <?php endwhile; ?>

```

```
<!-- end of the loop -->
```

```
<!-- </ul> -->
```

```
<?php wp_reset_postdata(); ?>
```

```
<?php else : ?>
```

```
<p><?php _e( 'Sorry, no posts matched your criteria.' ); ?></p>
```

```
<?php endif;
```

```
}
```

```
else{
```

```
    echo "Post is not added";
```

```
}
```

```
wp_die();
```

```
}
```

Screenshots



2.Post filtering by category

This task is to filter blogs by their category and display the result. This was done by adding a dropdown with the categories and filtering it by button click.

Source Code: Adding dropdown to blog template

```
<form action="<?php echo site_url() ?>/wp-admin/admin-ajax.php" method="POST"
id="filter">

    <?php
        if( $terms = get_terms( array( 'taxonomy' => 'category', 'orderby' => 'name' ) ) ) :

            echo '<select name="categoryfilter" class="form-control w-25 p-2 ml-3" ><option
value="">Select category...</option>';

            foreach ( $terms as $term ) :

                echo '<option value="" . $term->term_id . "">' . $term->name . '</option>'; // ID of the
category as the value of an option

            endforeach;

            echo '</select>';

        endif;
    ?>

    <button class="form-control w-25 p-2 ml-3 mt-2 btn btn-info">Apply filter</button>

    <input type="hidden" name="action" value="myfilter">

</form>

<h2>Post</h2>

<div id="response">

    <?php
        the_content(); ?>

    <?php wp_link_pages( array( 'before' => '<div class="page-links">' . __( 'Pages:', 'minamaze' ),
'after' => '</div>', ) ); ?>
```

```
</article></div>
```

```
</main>
```

```
<?php
```

```
get_footer();
```

Function.php

```
add_action('wp_ajax_myfilter', 'misha_filter_function'); // wp_ajax_{ACTION HERE}
```

```
add_action('wp_ajax_nopriv_myfilter', 'misha_filter_function');
```

```
function misha_filter_function(){
```

```
    $args = array(
```

```
        'orderby' => 'date', // we will sort posts by date
```

```
        'order' => $_POST['date'] // ASC or DESC
```

```
    );
```

```
    // for taxonomies / categories
```

```
    if( isset( $_POST['categoryfilter'] ) )
```

```
        $args['tax_query'] = array(
```

```
            array(
```

```
                'taxonomy' => 'category',
```

```
                'field' => 'id',
```

```
                'terms' => $_POST['categoryfilter']
```

```
            )
```

```
        );
```



```

$query = new WP_Query( $args );

if( $query->have_posts() ) :

    while( $query->have_posts() ): $query->the_post();
// echo '<h2>' . $query->post->post_title . '</h2>';

?>

<article id="post-id-<?php the_id(); ?>" <?php post_class('clearfiks archive-post'); ?>>

<a href="<?php the_permalink() ?>"><h4><?php the_title(); ?></h4>

<?php the_content(); ?>

<?php wp_link_pages( array( 'before' => '<div class="page-links">' . __( 'Pages:', 'minamaze' ),
'after' => '</div>', ) ); ?></article>

<?php endwhile;

wp_reset_postdata();

else : echo 'No posts found';

endif;

die();

}

```

Custom.js

```

jQuery(function($){

    $('#filter').change(function(){

        var filter = $('#filter');

        $.ajax({

            url:filter.attr('action'),

            data:filter.serialize(), // form data

            type:filter.attr('method'), // POST

            beforeSend:function(xhr){

                filter.find('button').text('Processing...'); // changing the button label

```

```

},
    success:function(data){
    filter.find('button').text('Apply filter'); // changing the button label back
    $('#response').html(data); // insert data
    }
    });
    return false;
    });
    });

```

Screenshots



3.Autocomplete search Post

This task is to search post. And this will result in matching posts by two letter search. This was done by create the search form and send the matching result by ajax call.

Source code

```

<?php
/**
 * Template name: blogs
 *
 */
*/get_header();

```

```
?><label><strong> <h4 class="ml-2 mt-2">Search Post</h4><span><input type="text"
placeholder="search...." name="keyword" id="keyword" onkeyup="fetch()" class="form-control
w-25 p-2 ml-2"></input></strong>
```

```
<div id="datafetch"></div>
```

```
<br>
```

```
<?php
```

```
get_footer();
```

Custom.js

```
function fetch() {
    jQuery.ajax({
        url: my_ajax_object.ajax_url,
        type: 'post',
        data: { action: 'data_fetch', keyword: jQuery('#keyword').val() },
        success: function(data) {
            jQuery('#datafetch').html(data);
        }
    });
}
```

function.php

```
function wpdocs_theme_name_scripts() {
    wp_enqueue_script( 'ajax-script', get_template_directory_uri() . '/js/custom.js',
    array('jquery'), );

    wp_localize_script( 'ajax-script', 'my_ajax_object', array( 'ajax_url' => admin_url( 'admin-
ajax.php' ) ) );
}
```

```
add_action( 'wp_enqueue_scripts', 'wpdocs_theme_name_scripts' );
```

```
function data_fetch(){
```

```

    $the_query = new WP_Query( array( 'posts_per_page' => -1, 's' => esc_attr(
$_POST['keyword'] ), 'post_type' => 'post' ) );

    if(($_POST['keyword'])!="")
    {
        if(preg_match('/[.\'^£$%&*()]{ @#~?><>|=+_~}\/',$_POST['keyword']))
        {
            echo '<strong>Special characters not allowed</strong>';
        }
        else
        {
            if( $the_query->have_posts() ) :
            while( $the_query->have_posts() ): $the_query->the_post(); ?>
            <strong><a href="<?php echo esc_url( post_permalink() ); ?>"><?php the_title();?></a><br>
            </strong>
            <?php endwhile;
            wp_reset_postdata();
            else:
            echo "<strong>No Post found</strong>";
            endif;
        }
    }
    die();
}

add_action('wp_ajax_data_fetch', 'data_fetch');
add_action('wp_ajax_nopriv_data_fetch','data_fetch');

```

Screenshots



