

Wordpress Live Project Documentation Code

Step 1:

- Wordpress/wp-content/theme/new folder
- Index.php
- Create screenshot.jpg/png
- Style.css
 - /*
 - Theme name: dummy theme
 - Author: shairy
 - Version: 1.0
 - */
- Remove another theme in the current folder

Folder in Theme

- Js
- Image
- Css

Wordpress Blog Customization

- Create 2 new pages
 - Home Page
 - Blog Page
- Setting-> Reading-> Click static page
 - Front page= Home page
 - Post page= Blog page
 - Now blog and index both are same
- Go to Index page
 - Copy everything and then paste in front-page.php and delete from index.php
(we create duplicate copy now this is our home page)
 - **Now home page is front-page. php and blog is index.php**
- For single pages create new php file single-event
- For archive pages create new php file archive-event

Step 2:

Files in theme

Index.php/Front-page.php/Single.php/Archive. Php Code

```
<?php
get_header();
?>
HTML
<?php
get_footer();
?>
```

Header.php Code

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <?php wp_head();?>
  </head>
  <body>
```

Footer.php Code

```
<?php wp_footer();?>
</body>
</html>
```

Step 3:

Custom logo Code

```
<?php
    $logo = get_theme_mod('custom_logo');
    $image = wp_get_attachment_image_src($logo, 'full');
    $image_url = $image[0];
?>
<a class="navbar-brand" href="<?php echo get_site_url(); ?>"
    
```

Call the Menu Code

```
<?php wp_nav_menu(array('theme_location' => 'headerMenuLocation'))?>
```

Download **class-wp-bootstrap-navwalker** for css then use the code

Dynamic Menu Code

```
<?php
wp_nav_menu(array(
    'theme_location' => 'headerMenuLocation',
    'depth' => 2,
    'container' => 'div',
    'container_class' => 'collapse navbar-collapse',
    'container_id' => 'navbarSupportedContent',
    'menu_class' => 'navbar-nav ml-auto mb-2 mb-lg-0 custm-mnu1',
    'fallback_cb' => 'WP_Bootstrap_Navwalker::fallback',
    'walker' => new WP_Bootstrap_Navwalker(),
));
?>
```

Step 4:

Functions.php Code

```
<?php
//Function to add script and style
function files()
{
    wp_enqueue_style('stylesheet', get_stylesheet_uri());
    wp_enqueue_style('bootstrap-css', '//cdn.jsdelivr.net/bootstrap/dist/css/bootstrap.min.css');
    wp_enqueue_script('slick', '//cdn.jsdelivr.net/slick/slick.min.js', array('jquery'), 1.1, true);
    wp_enqueue_script('js', get_template_directory_uri() . '/js/mn.js', array('jquery'), 1.1, true);
}
add_action ('wp_enqueue_scripts', 'files');

//Function to register Menu and theme Support
function features()
{
    register_nav_menu('headerMenuLocation', 'Header Menu Location');
    add_theme_support('title-tag');
    add_theme_support('post-thumbnails');
    add_theme_support('comment-form');
}
add_action ('after_setup_theme', 'features');

//Bootstrap Navwalker
if (!file_exists(get_template_directory() . '/class-wp-bootstrap-navwalker.php')) {
    // File does not exist... return an error.
    return new WP_Error ('class-wp-bootstrap-navwalker-missing', __('It appears the class-wp-bootstrap-navwalker.php file may be missing.', 'wp-bootstrap-navwalker'));
} else {
    // File exists... require it.
    require_once get_template_directory () . '/class-wp-bootstrap-Navwalker. php';
}
}
```

```

//This function is used to get particular character
function get_excerpt($count)
{
    $permalink = get_permalink($post->ID);
    $excerpt = get_the_content();
    $excerpt = strip_tags($excerpt);
    $excerpt = substr($excerpt, 0, $count);
    $excerpt = substr($excerpt, 0, stripos($excerpt, " "));
    $excerpt = '<p>' . $excerpt . '... </br><a href="' . $permalink . "'>Read More >></a></p>';
    return $excerpt;
}

//widgets_init function to insert a widget
function sidebar()
{
    register_sidebar(array(
        'id' => 'SidebarforBlog',
        'name' => __('SidebarforBlog'),
        'before_widget' => '<div id="%1$s" class="widget %2$s mb-3">',
        'after_widget' => '</div></div>',
        'before_title' => '<h3 class="widget-title font-weight-bold" style="font-size:20px;">',
        'after_title' => '</h3><div class="card p-2"> ',
    )
    );
}

add_action('widgets_init', 'sidebar');

```

Step 5:

Custom Query for Post Code

```
<?php
$slider = new WP_Query(array(
    'posts_per_page' => -1,
    'post_type' => 'slider_post',
    'orderby' => 'date',
    'order' => 'ASC',
    'suppress_filters' => true));
$counter = 0;
while ($slider->have_posts()) {
    $slider->the_post();
    ?>
<div class="carousel-item <?php echo $counter == 0 ? "active" : "" ?>">
</div>
<?php
$counter++;
}
wp_reset_query();
?>
```

Step 6:

Custom query for page and custom field Code

```
<?php
$query = new WP_Query(array(
    'pagename' => 'what-we-do',
    'posts_per_page' => 3,
));
while ($query->have_posts()) {
    $query->the_post();
    ?>
<h1 class="head-what-we-do"><?php the_title();?></h1>
<p class="paragraph-text"><?php the_content();?></p>
<?php
$rows = get_field('services');
if ($rows) {
    foreach ($rows as $row) {
        ?>
<div class="col-sm-4 p-1 "><div class="img-content " style="background-image:url
('<?php echo $row["image"]; ?>')"><h6><?php echo $row["service_name"] ?></h6>
<?php
    }}
    ?>
<?php
}wp_reset_query();
?>
```

Step 7:

Index Page Link Code

```
<a class="navbar-brand" href="<?php echo site_url() >Logo<a>
```

Dynamic Image Code

```
</a>
```

For featured Image Code

```
</div>
```

Background Image Code

```
style="background-  
image:url('<?php echo get_template_directory_uri() ?>/img/frame4.png')">
```

Contact form Short Code

```
<?php echo do_shortcode('[contact-form-7 id="22" title="Contact form 1"]'); ?>
```

Even odd custom design Logic Code

```
<?php  
$rows = get_field('services');  
$count = count($rows);  
$counter = 1;  
if ($rows) {  
    foreach ($rows as $row) {  
        ?>  
    }  
}<?php if ($counter % 2 == 0): ?>
```


Step 8:

Custom Pagination Query Code

```
<?php
$projects = new WP_Query(array(
    'posts_per_page' => 4,
    'post_type' => 'project',
    'orderby' => 'date',
    'order' => 'ASC',
    'paged' => get_query_var('paged') ? get_query_var('paged') : 1,
));
$counter = 0;
while ($projects->have_posts()) {
    $projects->the_post();
}
?>
```

Bootstrap ccs for Custom Paging

```
// Bootstrap Pagination
function bootstrap_pagination(\WP_Query $wp_query = null, $echo = true, $params = [])
{
    if (null === $wp_query) {
        global $wp_query;
    }

    $add_args = [];

    //add query (GET) parameters to generated page URLs
    /*if (isset($_GET['sort'])) {
        $add_args['sort'] = (string)$_GET['sort'];
    }*/

    $pages = paginate_links(array_merge([
        'base' => str_replace(999999999, '%#%', esc_url(get_pagenum_link(999999999))),
        'format' => '?paged=%#%',
    ]));
}
```

```

'current' => max(1, get_query_var('paged')),
'total' => $wp_query->max_num_pages,
'type' => 'array',
'show_all' => false,
'end_size' => 3,
'mid_size' => 1,
'prev_next' => true,
'prev_text' => __('« Prev'),
'next_text' => __('Next »'),
'add_args' => $add_args,
'add_fragment' => ",
], $params)
);

if (is_array($pages)) {
    // $current_page = ( get_query_var( 'paged' ) == 0 ) ? 1 : get_query_var( 'paged' );
    $pagination = '<div class="pagination justify-content-center"><ul class="pagination">';

    foreach ($pages as $page) {
        $pagination .= '<li class="page-
item'. (strpos($page, 'current') !== false ? ' active' : '') . "'> ' . str_replace('page-
numbers', 'page-link cstm-link-clr', $page) . '</li>';
    }

    $pagination .= '</ul></div>';

    if ($echo) {
        echo $pagination;
    } else {
        return $pagination;
    }
}

return null;
}

```

Step 9:

Comment on Blog Page

Step 9.1:

Paste inc folder with comment helper file

Step 9.2:

Paste comment.php file in main directory

Step 9.3:

Paste below code in functions.php

```
require get_template_directory() . '/inc/comments-helper.php';

function better_comments($comment, $args, $depth)
{
    if ('div' === $args['style']) {
        $tag = 'div';
        $add_below = 'comment';
    } else {
        $tag = 'li';
        $add_below = 'div-comment';
    }?>
    <<?php echo $tag; ?> <?php comment_class(empty($args['has_children']) ? 'x-comments-
list' : 'parent x-comments-list');?> id="comment-<?php comment_ID()?>"><?php
if ('div' !== $args['style']) {?>
    <div id="div-comment-<?php comment_ID()?>" class="comment-body p-
3 border rounded"><?php
}?>
    <div class="comment-author x-comment-img vcard">
    <span class="avatar-wrap cf">
    <?php
if ($args['avatar_size'] != 0) {
    echo get_avatar($comment, $args['avatar_size']);
}
?>
</span>
```

```

</div>
<div class="reply x-reply"><?php
comment_reply_link(
    array_merge(
        $args,
        array(
            'add_below' => $add_below,
            'depth' => $depth,
            'max_depth' => $args['max_depth'],
        )
    )
);?>

</div>
<?php
if ($comment->comment_approved == '0') {?>
    <em class="comment-awaiting-
moderation"><?php _e('Your comment is awaiting moderation.');?></em><br/><?php
}?>
<div class="x-comment-wrap">
    <header class="x-comment-header">
        <?php printf(__('%s'<cite class="x-comment-
author">%s</cite> <span class="says">says:</span>'), get_comment_author_link());?>
        <div>
            <a class="x-comment-
time" href="<?php echo htmlspecialchars(get_comment_link($comment-
>comment_ID)); ?>"><?php
/* translators: 1: date, 2: time */
printf(
    __('%1$s at %2$s'),
    get_comment_date(),
    get_comment_time()
);?>
        </a><?php

```

```

edit_comment_link(__('Edit'), ' ', ");?>
    </div>
</header>
<section class="x-comment-content">
    <?php comment_text();?>
</section>
</div>
<?php
if ('div' != $args['style']): ?>
    </div><?php
endif;
}

```

Step 9.4:

Paste below code in single.php

```

<?php
// If comments are open or we have at least one comment, load up the comment template.
if (comments_open() || get_comments_number()): ?>
    <div class="card p-4 mt-4 shadow">
        <?php
comments_template();?>
    </div>
<?php endif;
?>

```

Step 9.5:

Blog Page Function

```

<?php echo date('m -F -Y')// get_the_date() ?>
<?php the_author()?>
<?php echo get_comments_number() ?>

```

Step 9.6:

CSS for Comments

```

comment-list .children li.comment {

```

```
    position: relative;
    margin: 0;
    border-left: 1px solid #F2F2F2;
    padding-left: 50px;
    box-shadow: inset 1px 0 0 0 rgba(255,255,255,0.85);
}
.comment-list .children li.comment::before {
    content: "\00A0";
    display: block;
    position: absolute;
    float: left;
    top: 30px;
    left: 0;
    width: 25px;
    height: 1px;
    background-color: #F2F2F2;
    box-shadow: 0 1px 0 0 rgba(255,255,255,0.85);
}
div.comment-body::after {
    clear: both;
}
div.comment-body::before, div.comment-body::after {
    content: " ";
    display: table;
    width: 0px;
}
div.comment-body {
    position: relative;
    margin: 0 0 15px 0;
    border: 2px solid #E5E5E5;
    padding: 25px;
    font-size: 15px;
    line-height: 1.5;
    background-color: #fff;
}
.comment-awaiting-moderation{
    margin-left:25px;
    font-size:15px;
}
.comment-reply-link {
    font-size: 11px;
    font-weight: 400;
    letter-spacing: 2px;
    line-height: 1.4;
    text-transform: uppercase;
    color: #C5C5C5;
}
.comment-reply-link:after{
```

```
    content: "\f3e5";
    font-family: "Font Awesome 5 Free";
    font-weight: 900;
}
.x-comment-wrap {
    margin-left: 84px;
}
.x-comment-header {
    margin-bottom: 13px;
    border-bottom: 1px solid #F2F2F2;
    padding-bottom: 3px;
    line-height: 1;
}
.x-comment-author {
    display: inline-block;
    font-size: 18px;
    letter-spacing: -1px;
    line-height: 1;
    border-radius: 3px;
    font-style: normal;
}
.x-comment-time {
    display: inline-block;
    margin: 9px 0 0;
    position: relative;
    font-size: 10px;
    font-weight: 400;
    letter-spacing: 1px;
    line-height: 1.2;
    text-transform: uppercase;
    color: #A6A6A6;
}
.x-comment-content {
    position: relative;
}
.x-comment-list{
    float:left;
}
.cf::after {
    clear: both;
}
.cf::before, .cf::after {
    content: " ";
    display: table;
    width: 0px;
}
.x-comment-img{
```

```

float:left;
}
.x-comment-img .avatar-wrap {
display: block;
position: relative;
}
.x-comment-img .avatar-wrap .avatar {
width:60px;
height:auto;
}
.x-reply {
float: left;
clear: left;
margin-left: 3px;
}
.comment-list {
list-style-type: none;
}
.children {
list-style-type: none;
}
.comment-reply-link::after {
content: "\f3e5";
font-family: "Font Awesome 5 Pro";
font-weight: 900;
}
}

```

Step 10:

SUMMARY

Function Name	Description
bloginfo()	Displays information about your site, generally User Profile and General Settings
have_posts()	For total number of post
the_post()	For each post to display with information
the_title()	Title for each post
the_content()	Body Content for each post
the_permalink()	To give link on anything
get header (); get footer();	These functions import the content of header.php and footer.php

wp_head();	It is a hook that allows WordPress to add HTML, scripts and stylesheets in the <head> tags of your theme. Used in header.php
wp_footer();	To load java script files at closing body. Used in footer.php
wp_enqueue_style('name',location)	Registers the script and enqueues it
get_stylesheet_uri()	The stylesheet file name is 'style.css' which is appended to the stylesheet directory URI path
add_action()	Actions are the hooks that the WordPress launches at specific points during execution, or when specific events occur.
wp_enqueue_scripts('name', url, dependency, version, load before closing)	Fires when scripts and styles are enqueued. <code>wp_enqueue_script('scriptname', get_template_directory_uri() . '/js/scriptsbundled.js', array(), null, true);</code> in place of version use microtime()
register_nav_menu('anyName', 'Human Friendly Name')	Registers a navigation menu location for a theme.
add_theme_support	Registers theme support for a given feature. Like title, custom Logo etc
after_setup_theme	This hook is called during each page load, after the theme is initialized. It is here used for title menu .registration
Wp_nav_menu()	Displays a navigation menu.
get_theme_file_uri()	Wordpress function to give path of an image
site_url() Site_url() for index or home page	Use path in anchor/about-us in place of # for live or useSite_url('/about-us') for particular page
get_the_ID()	Retrieve the ID of the current item in the WordPress Loop.
wp_get_post_parent_id()	Returns the ID of the post's parent page.
wp_get_post_parent_id(get_the_ID())	Display only if current page is child Page and 0 of parent page then false

	<pre><?php If(wp_get_post_parent_id(get_the_ID())){ ?><?php?></pre>
Get_the_title(x) The_title()	As we know the the_title() is for the current post or page but get_the_title(ID) allow us for particular ID post or page
Get_permalink(x)	Retrieves the full permalink for Parent page of the current page
wp_list_pages()	wp_list_pages() generates a nested, unordered list of WordPress pages
Get_pages()	wp_list_pages() handled the output of the pages on the screen for us and Get_pages() returns the pages in the memory otherwise both are similar
Is_page('name')	Determines whether the query is for an existing single page. Current page is given name page
Wp_get_post_parent_id(0)==x	Current page is parent page
the_excerpt()	Display the post excerpt and the default length is 55 words. Similar to content but for small info.
the_author_posts_link()	Displays an HTML link to the author page of the current post's author.
the_time('F/Y')	
Get_the_category_list('&/and')	Retrieves category list for a post in either HTML list or custom format.
Paginate_links()	For pagination <pre><?php Echo Paginate_links()?></pre>
The_archive_title	Display the archive title based on the queried object.
WP_Query()	The WordPress Query class.
wp_trim_words(get_the_content(), 10);	Trims text to a certain number of words.

wp_reset_postdata();	After looping through a separate query, this function restores the \$post global to the current post in the main query.
register_post_type	<pre><?php function university_post_type() { register_post_type('event', array('supports' => array('title', 'editor', 'excerpt'), 'rewrite'=>array('slug'=>'events'), 'has_archive' => true, 'public' => true, 'labels' => array('name' => 'Events', 'add_new_item' => 'Add New Event', 'edit_item' => 'Edit Event', 'all' => 'All Event', 'singular_name' => 'event',), 'menu_icon' => 'dashicons-calendar',));} add_action('init','university_post_type');</pre>
The_field	Use in case of custom filed plugin
Get_field	Get the field in case of custom filed plugin
The_post_thumbnail()	
Add_theme_support('post-thumbnail')	
Add_image_size('post-thumbnail')	
Get_post_type_archive_link('')	
For custom qury formatting	<pre><?php Function university_adjust_queries (\$qu ery) { If(!is_admin() AND is_post_type_archive ('event') AND \$query->is_main_query()) {</pre>

```
$today=date('Ymd');
$query->set('meta_key','event_date');
$query->set('orderby','meta_value_num ');
$query->set('order','ASC');
$query->set('post_per_page,-1);
$query->set('meta_query',array(array(
'key'=>'event_date',
'compare'=>'>=',
'value'=>'$today',
'type'=>'numeric');
}
}
?>
```