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**Case Study Of Wordpress Theme.**

WordPress is web publishing software we can use to create a beautiful website or blog. It just may be the easiest and most flexible blogging and website content management system (CMS) for beginners.It is a free and open-source content management system (CMS) written in PHP and paired with a MySQL or Maria DB database. Features include a plugin architecture and a template system, referred to within WordPress as Themes.

### Themes

WordPress users may install and switch among different themes. Themes allow users to change the look and functionality of a WordPress website without altering the core code or site content. Every WordPress website requires at least one theme to be present and every theme should be designed using WordPress standards with structured PHP, HTML and CSS.

**The Role Of A Wordpress Theme.**

A WordPress theme is a tool to change the layout and design of your website. Themes customize the appearance of our site, including the layout, typography, color, and other design elements. ... Choosing the right theme can make our website more attractive, easier to use, and improve visitor engagement. Themes may be directly installed using the WordPress "Appearance" administration tool in the dashboard, or theme folders may be copied directly into the themes directory.

## The Requirements To Create Wordpress Theme

**1. Installing WordPress Locally**

First thing first, we need to install WordPress.

**2. Procedure to create a WordPress Theme**

* **Manual – creating WordPress theme** via coding
* **Automated – creating WordPress theme** using a WordPress Theme Builder

For WordPress theme, everything will be done in the wp\_content directory only. Just make a new theme subfolder in the **wp\_content → Themes folder.** For example **“mytheme”**.

The second thing is to decide the layout of the theme such as **Header, Main Area, Footer, Sidebar**.

Basically, WordPress needs only 2 files i.e. style.css and index.php. as well as follows file also needed;

* **header.php –** contains the code for the header section of the theme.
* **index.php –** contains the code for the Main Area and will specify where the other files will be included. This is the main file of the theme.
* **sidebar.php –** contains the information about the sidebar.
* **footer.php –** handles the footer section.
* **style.css –** responsible for the styling of your theme.
* **bootstrap.css –** no separate CSS code is required; highly responsive.
* **bootstrap.js –** provides its own js for the navigation bar, or tabs, etc.

**3. Activate the theme**

**4. Test the theme.**

**Advantages**

* Faster to Implement.
* Mobile Friendly.
* Industry Specific.
* Compromise is Key.
* Time.
* Competition

## Disadvantages

## Security

### **Compatibility Errors**

### Pirated and Hacked Template**s**

### **No Technical Suppor**t

* Bugs