PROJECT REPORT ON

CREATING BLOG USING WORDPRESS PLATFORM

BY

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PROJECT REPORT

1 INTRODUCTION

1.1 Project Overview

Our Blog gardening tips and techniques section provides practical advice on everything from soil preparation and watering techniques to pest control and pruning. We believe that successful gardening is a combination of knowledge and hands-on experience, and we're here to guide you every step of the way. Garden design is an art form, and we're excited to share our insights on creating beautiful and functional outdoor spaces. From small urban gardens to sprawling landscapes, we'll delve into topics such as layout, color schemes, and plant combinations to help you transform your garden into a personal oasis. We understand the importance of sustainability in gardening, and we'll explore Eco-friendly practices such as composting, water conservation, and using native plants. Our goal is to help you cultivate a garden that not only thrives but also contributes positively to the environment. Join us on virtual garden tours, where we'll showcase stunning gardens from around the world. From botanical wonders to hidden gems, these tours will ignite your imagination and provide endless inspiration for your own gardening endeavors. Logo At The Leafy Oasis, we believe that gardening is a journey of continuous learning and growth. We invite you to be part of our community, where you can share your experiences, ask questions, and connect with fellow plant lovers. Together, let's cultivate a greener, more vibrant world, one plant at a time. So grab your gardening tools, put on your sun hat, and join us on this exciting adventure into the world of plants and gardening. Let's nurture our green thumbs and create thriving, beautiful gardens together.

1.2 Purpose

A Blog can be used to showcase the products that the Plant shop has to offer. This can include product descriptions, images, and information. A website can help the plant shop reach a wider audience by making it easier for people to find and purchase their products online. A Blog can help the Plant shop build brand awareness by providing a platform to showcase their brand identity, values, and mission. A Blog can be used to provide customer support by offering a way for customers to contact the plant shop with questions or concerns. A website can be used to collect customer data, such as email addresses, which can be used for marketing purposes.

2 IDEATION & PROPOSED SOLUTION

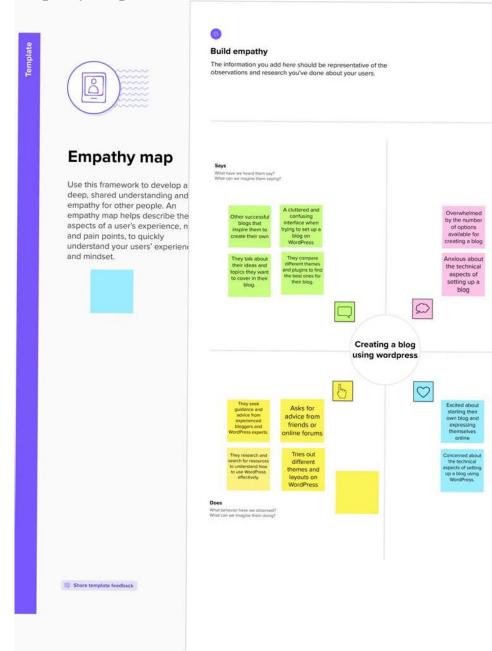
2.1 Problem Statement Definition

Problem Statement:

Create a dynamic and user-friendly blog using the Word Press platform. Our goal is to design an appealing and responsive website that not only showcases compelling content but also offers a seamless user experience. We will customize the theme, configure essential plugins, optimize for SEO, and implement a user-friendly content management system, enabling effortless content creation and management. This Word Press blog will serve as a platform to share valuable information, engage with the audience, and establish an online presence effectively.



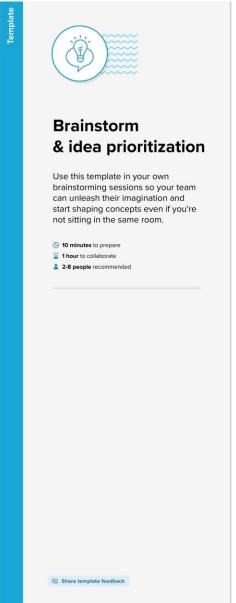
2.2 Empathy Map Canvas

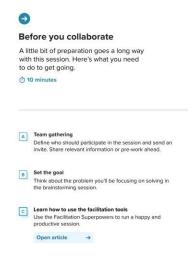


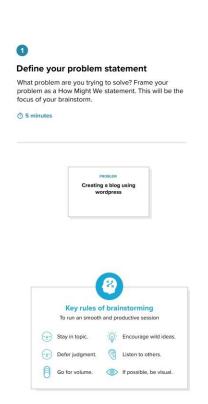
Excited to start a blog and share their ideas with the world

is it worth?

2.3 Ideation & Brainstorming







Step-2: Brainstorm



Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

Person 1

Choose a domain name

Choose a web network

Person 2

Installation WordPress Selecting WordPress theme

Person 3

Customizing blog

Create blog pages

Person 4

proper data for visualization

Outcome analysis

Step-3: Group ideas



Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

① 20 minutes

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

Choose a domain name

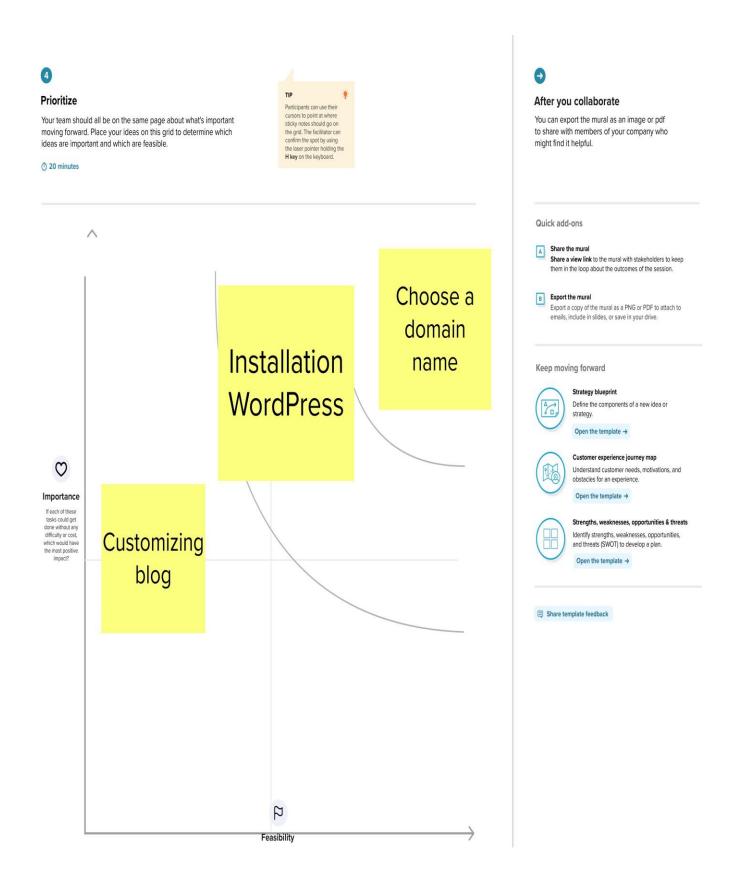
Installation WordPress

Selecting WordPress theme

Customizing blog

Outcome analysis

Step-4: Priotorize



2.4 Proposed Solution

S. N	Parameter	Description
1.	Problem Statement (Problem to be solved)	To create a dynamic and user-friendly blog using the WordPress platform. Our goal is to design an appealing and responsive website that not only showcases compelling content but also offers a seamless user experience. We will customize the theme, configure essential plugins, optimize for SEO, and implement a user-friendly content management system, enabling effortless content creation and management. This WordPress blog will serve as a platform to share valuable information, engage with the audience, and
2.	Idea / Solution description	Choose a domain name and web hosting account: The first step is to choose a domain name and web hosting account. You can register a custom domain name for free and choose the best web hosting provider that suits your needs. Install and set up WordPress: Once you have a domain name and web hosting account, you can install and set up WordPress. You can follow the instructions provided by your web hosting provider to install WordPress. Select and customize a theme: After installing WordPress, you can select and customize a theme that suits your blog's niche. You can choose from thousands of free and premium themes available on WordPress. Create an editorial calendar: Creating an editorial calendar is essential to keep your blog organized and consistent. You can plan your blog posts in advance and schedule them accordingly. Create high-quality content: Creating high-quality content is crucial to attract and retain readers. You can write informative and engaging blog posts that provide value to your readers. Optimize your posts for search engines: Optimizing your blog posts for search engines

		can help you rank higher in search engine results pages. You can use keywords, meta descriptions, and tags to optimize your posts. Add call-to- actions: Adding call-to-actions to your blog posts can encourage readers to take action, such as subscribing to your blog or purchasing a product. You can add call-to-actions at the end of your blog posts.
3.	Novelty / Uniqueness	One novelty or uniqueness of creating a blog using WordPress is the flexibility and customization options available. WordPress offers thousands of free and premium themes that can be customized to fit your blog's niche and branding. Additionally, WordPress has a vast library of plugins that can be used to add functionality to your blog, such as social media sharing buttons, contact

3 REQUIREMENT ANALYSIS

3.1 Functional Requirements:

Following are the functional requirements of the proposed solution.

FR	Functional	Sub Requirement (Story / Sub-Task)
No.	Requirement (Epic)	
FR-1	Content Management	- Ability to create, edit, and publish
		blog posts, articles, and multimedia content.
		- Support for categorizing content by
		topics, tags, and categories Integration of a user-friendly visual editor for content creation.
FR-2	User Management	- User registration and login system for
		 both readers and contributors. User profile, comment sections, like features Profile management for registered users.
FR-3	Search and Navigation	- Efficient search functionality for users
		to find specific content Easy navigation through menus, categories, and tags.
FR-4	SEO Features	- SEO-friendly URLs and permalinks.
		- Integration with SEO plugins for
		optimizing content, meta tags, and sitemaps.

3.2 Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR	Non-Functional	Description
No.	Requirement	
NFR	Usability	The blog should be user-friendly and
-1		easy to use, with clear and simple instructions.

NFR	Security	The system should protect the
-2	-	privacy of users and their data and
		ensure that the comments and user
		profile data is secure and protected
		from
		unauthorized access.
NFR	Reliability	The system should be reliable and
-3		operate continuously without failures
		or downtime.
NFR	Performance	The system should be scalable and
-4		able to handle a
		large number of users and devices.
NFR	Availability	It is an open source platform, thus
-5		available all the
		time without any cost for usage.

3.3 Determine the Requirements:

Determining the requirements for a user journey map involves identifying the key steps, touchpoints, and user needs to create a comprehensive visualization of the user's experience with a product or service.



4 PROJECT DESIGN & PERFORMANCE

4.1SOLUTION ARCHITECTURE

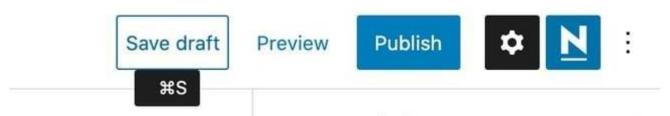
1. Add a new post.

The first thing you need to do to get your WordPress blog off the ground is create a post. We've created an example you can follow to help you get started with your WordPress blog. First, log in to your WordPress administrator area and select "Posts" from the menu options on the left. Then, select "All Posts" in the dialogue box that appears.

2. Add content.

You've arrived on the blank canvas where you'll add your masterpiece (AKA your content). But before starting this process, we have a few pointers. First, be sure to save your work frequently or write it in a separate Google or Word document and copy it over to the <u>content management systems (CMS)</u>. This is a wise idea because, while WordPress does save your progress automatically, it might not pick up on changes made if you lose your internet connection. Not to mention, drafting your content in a separate document is good idea so you don't get overwhelmed by simultaneously formatting, editing, *and* writing.

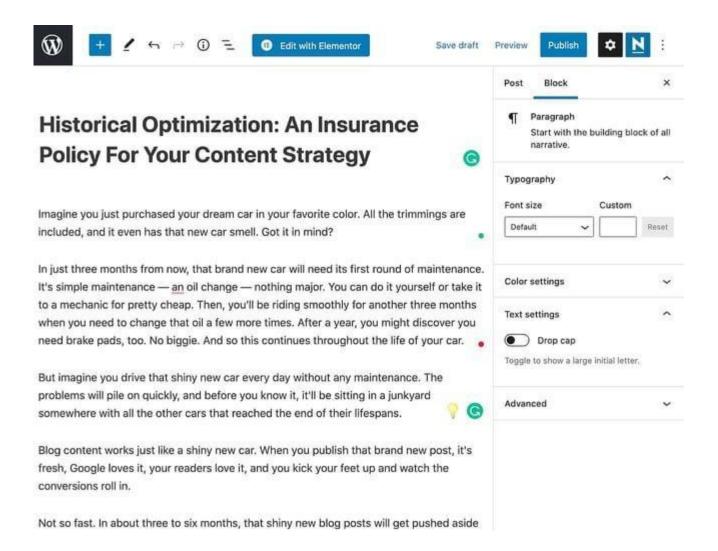
Click the "Save draft" button in the upper right-hand corner to save.



Now, it's time to add your content. To do so, copy-paste your original text directly into WordPress.

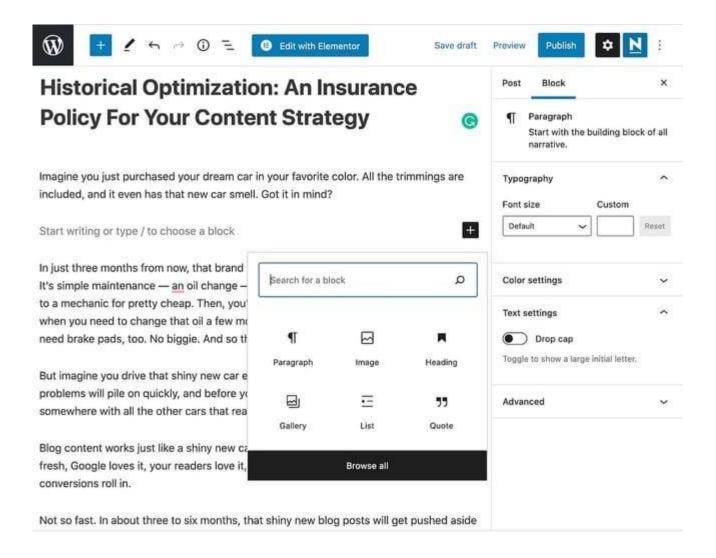
WordPress uses a block editor, which works exactly as you'd imagine — by creating blocks for each section of content you add. For example, paragraphs will be separated into blocks, as will images and headings.

Pro Tip: If you don't know where to begin, you can peruse <u>WordPress AI plugins</u> to help get your creative juices flowing and streamline the content creation process.

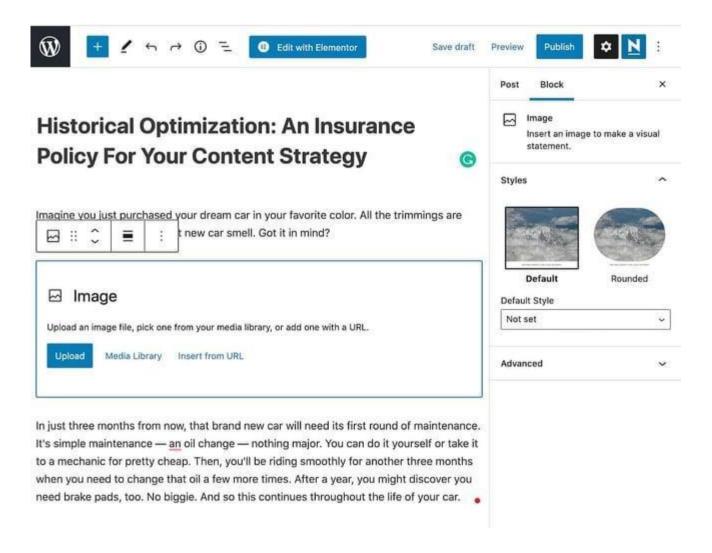


Uploading Images

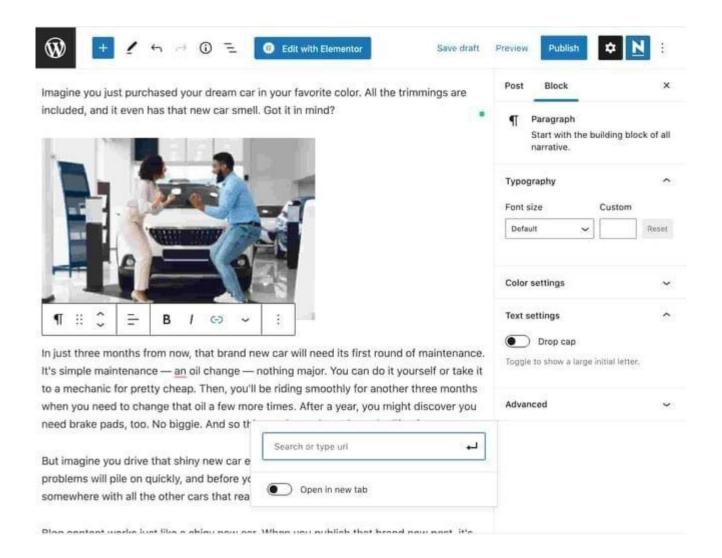
Once you've written your first piece, you'll need to add images to your WordPress blog post. Adding images can make your content more digestible and visually engaging. To begin uploading a picture, press "enter" on your keyboard to create a new block. Then, click the "+" button in the top left corner to view the different blocks. Select the "Image" block.



Now, upload your image. You can either upload one from your computer, select one from the WordPress media library, or insert an image with a URL from a site like Flickr. Don't forget to add <u>alt text to your image</u> for accessibility and <u>search engine optimization</u>.



Once you've completed this step, your image should be visible in the block. You can repeat this process as necessary — if your article is long, we suggest adding a few images to break up the text and make it more readable.

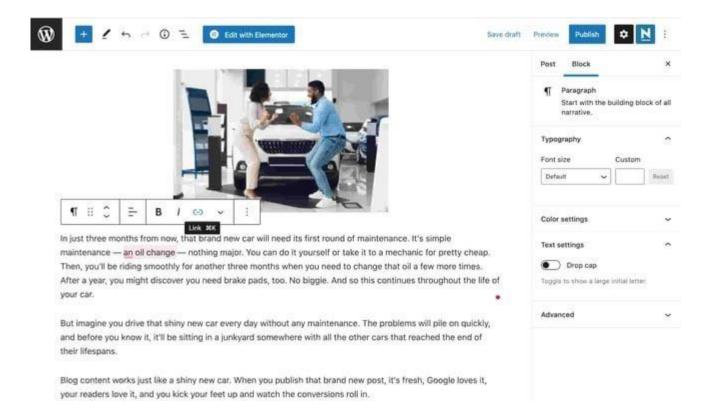


Pro Tip: People recall <u>65% of the information</u> they see presented visually — so don't forget to use infographics on your blog!

Adding Links

Adding internal and external links is an essential way to boost your blog post quality. The <u>anchor text</u> is also crucial for SEO as it indicates to site crawlers what the page you're linking to is about.

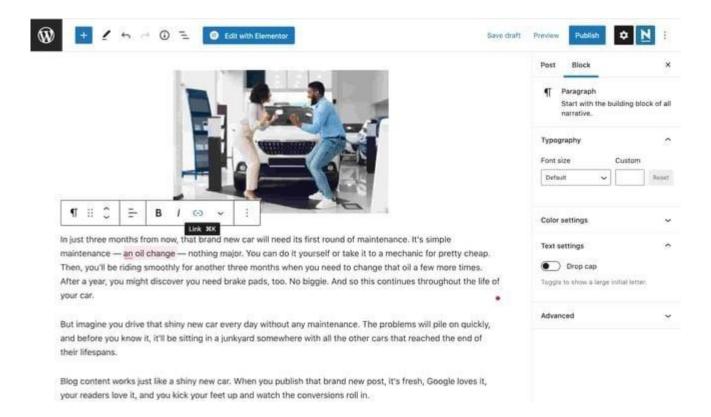
It's easy to add hyperlinks to your content in WordPress. You can do so in two ways. The first way is to select the text you want to hyperlink. Then, find the floating menu box and select the link icon highlighted in blue below.



Add a URL in the box that appears.

Click "Enter" to insert the URL. And ta-da, you've done it!

The more straightforward way to add hyperlinks is by using a keyboard shortcut. Start by selecting the text you want to hyperlink.



Then, press Command+K (Mac) or Control+K (PC) to bring up the box and add your URL on your keyboard.

Pro Tip: It's up to you to decide whether you'd like your links to open in a new tab. Generally speaking, if a link is external, or you'd like the visitor to stay on the page they're currently on, turn on the option to open in a new tab.

3. Format the post.

Spoiler alert: It's just as important that your content is organized as it is well-written. Without formatting in place, your audience is more likely to get overwhelmed by massive blocks of text and leave the page quickly (therefore impacting your bounce rate). Here's how to format your post.

Pro Tip: Readers don't want to spend time figuring out how to navigate your post, so make it easy for them with clear formatting. We'll dive into how you can do so now.

Headings

To organize a blog post, use <u>headings</u>. Headings tell the reader (and the search engines) what is essential on the page using a hierarchy. It's a win- win: Your readers know what to expect, and your site is more findable for search engines. Plus, it allows your readers to better pace their reading experience. And that's not to mention how it makes your blog post look betteraesthetically speaking.

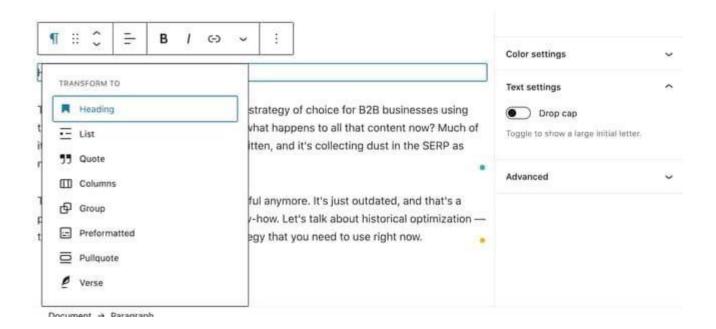
Here's how it works: An H1 is the title of a page and lives at the top of the hierarchy and the top of the page. A blog post only has one H1. If you add more, you risk confusing Google — and your reader. In other words, don't doit.

H2s are <u>subheadings</u>. You might have one, two, or more of these in your post. H2s are next in line in the hierarchy of a blog post. They always go below an H1, and if you're trying to rank for a keyword on Google, it's a good idea to try to include it in at least a few H2s — without keyword stuffing, of course. H3s follow a similar order — they always go below H2s. Think of an H3 as a subcategory. All subsequent headings follow the same pattern.

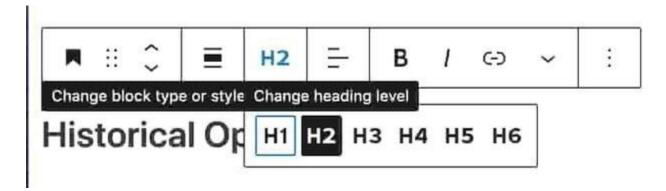
Let's walk through an example. Say you're writing a blog post about the best dog breeds for families. Your H1 could be: "The 10 Best Dog Breeds for Families." Your H2s could be: "Why choose a family-friendly dog breed?" and "What are the best dog breeds for families?" Under the second H2, you could elaborate on breeds that are recommended. To do this, add H3s such as "Golden Retriever," "Labrador Retriever," "Cavalier King Charles Spaniel." And under each H3 you may add an H4s such as "Why Choose This Breed" where you can provide additional information.

This results in a more digestible experience for readers and search engines.

To change a heading in a WordPress blog post, find the menu box and select the paragraph button highlighted in blue.



Select "Heading." Depending on the CSS settings your site has set up, you'll see your text change in size and even color. To edit the type of heading, click the "H2" button in the menu box and select the appropriate heading.



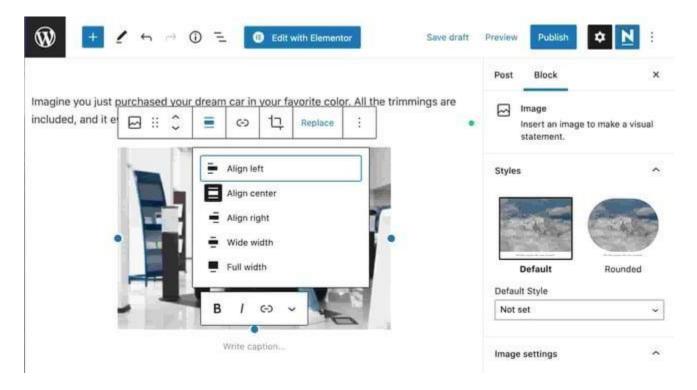
Pro Tip: Use headings strategically; they should reveal to your readers what to expect in the following copy.

Images

Images also help readers navigate your blog post, so remember to format them properly. Formatting images in WordPress is easy. Here's how.

Select your image and find the floating menu box. Next, select the format button—the one with three horizontal lines. Next, choose the alignment

you'd like for your image. Here, let's stick with a center alignment for the photos in our blog post.

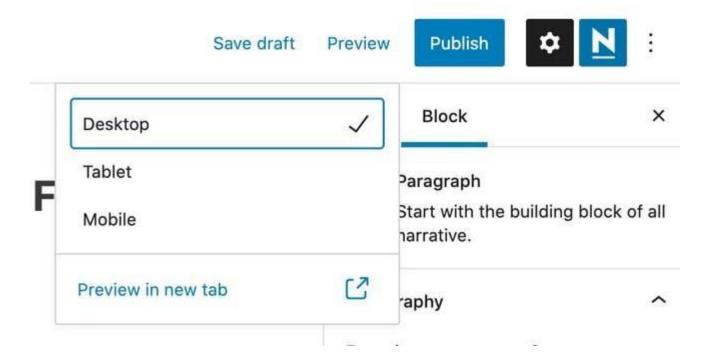


Pro Tip: Stay consistent with your alignment so readers don't get confused when reading your blog posts. If you use center alignment for one photo, commit to it throughout the post so readers know what to expect.

4. Preview the post.

You've added content, images, links, and formatting for an optimal <u>user experience</u>. Now, it's time to preview your post before it goes live. You're almost there. See? Learning how to create a blog on WordPress isn't as difficult as it may seem!

First, select the "Preview" button in the top right corner. Then choose whether you want to preview a desktop, tablet, or mobile version of the post. We chose "Desktop" here. Finally, select the "Preview in a new tab" option.



Take a look at your post for any errors. If you see any, simply return to the editor tab and adjust as necessary.

Once everything looks good, congratulations! You are ready to publish your first WordPress blog post. Now it's time to preview your post before it goeslive.

Pro Tip: Don't skip the preview step! It can be tempting to rush through to get your post to go live, but resist the urge. Previewing allows you to check for any issues with the content, formatting, or user experience.

5. Publish the Post

To publish the post, select "Publish" in the top right corner. You'll see a few different options for publishing, but if you want this post to be available to anyone on the internet, select "Public."

Schedule for a Future Date or Time

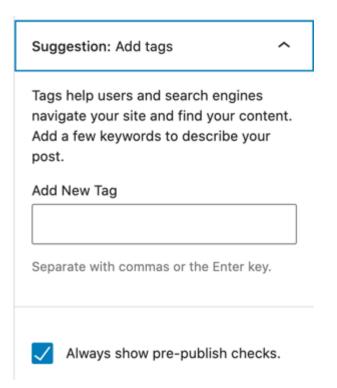
Next, it's time to choose whether you'd like your post to go live immediately or at some point in the future. You can choose to publish it immediately or

schedule it for later. If you schedule your blog post, it will automatically go live on that date at that time. If you have an <u>editorial calendar</u> you're sticking to, this will prove invaluable.



Add Tags

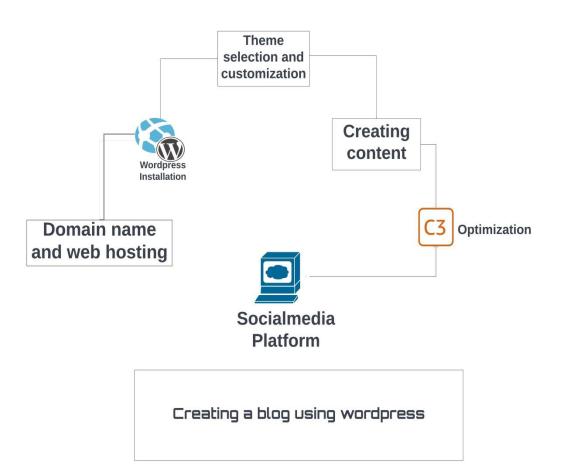
Finally, you'll have the opportunity to add tags to your post. These help readers navigate your posts by similar topics. This is optional, so you can leave them blank if you don't yet have a process to organize tags.



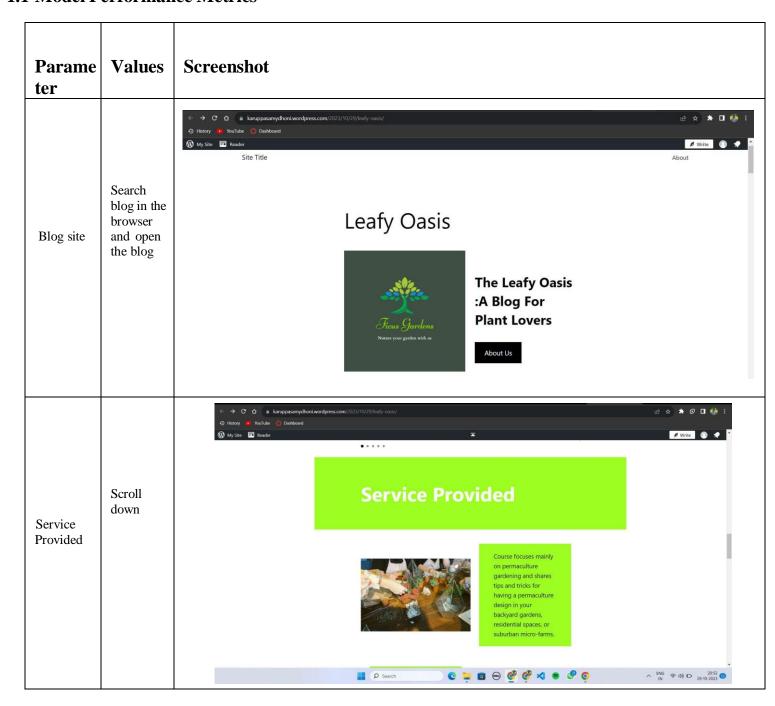
Your blog post is now live on the web!

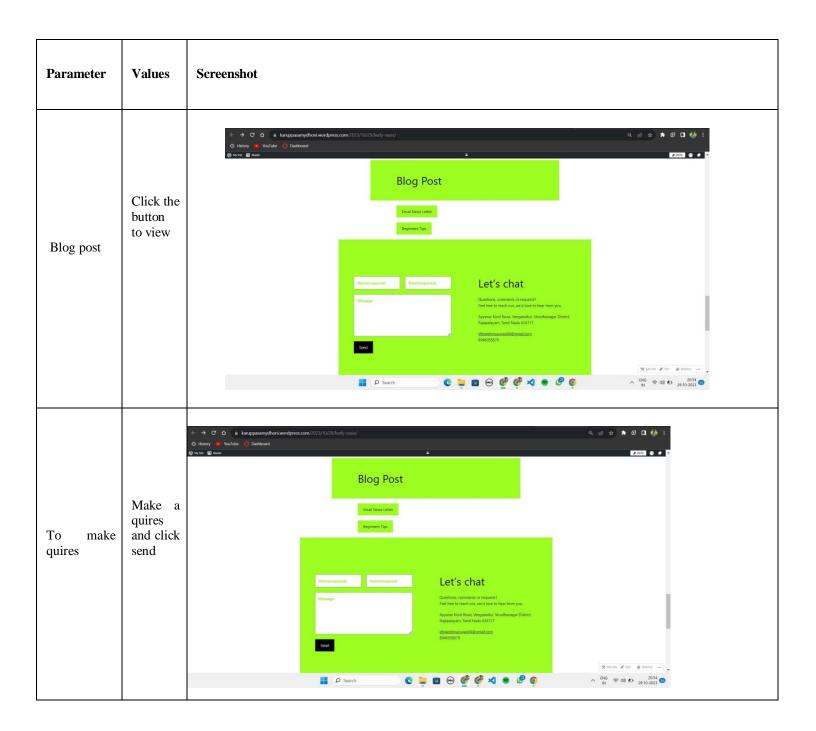
Pro Tip: As your blog grows and you publish more articles, you'll find it's increasingly important you add tags so visitors can easily peruse your content. It will also be helpful for you as you navigate through your content and add related links. And once you figure out how you'd like to organize tags, don't forget to go back and add them to older content.

4.2TECHNICAL ARCHITECTURE



1.1 Model Performance Metrics









2 ADVANTAGES & DISADVANTAGES

1.2 Advantages

- Increased credibility
- 24/7 availability
- Wider reach
- Better customer service

1.3 Disadvantages

- Security concerns
- Lack of personal interaction

2 CONCLUSION

Having a Blog for your Plant shop can be a great way to increase your visibility, attract more customers, and grow your business. While there are some disadvantages to consider, such as technical difficulties, security concerns, and costs, the benefits outweigh the drawbacks. If you're interested in setting up a Blog for your Plant shop, there are many resources available online to help you get started. For example, you can find tutorials on web development, website design, and e Commerce platforms. Overall, having a Blog for your plant shop can be a smart investment that can help you reach more customers, increase your sales, and grow your business.

3 APPENDIX

3.1 GitHub Link

Link: https://github.com/DhineshMurugan/Naan-Mudhalvan--Digital-Marketing-.git

3.2 Project Video Demo Link

Link: https://drive.google.com/file/d/1t-F8RktJskHurmy8Y3m0KOdZI9sIirS/view?usp=sharing