How to Develop a Blog

Dr. Budditha Hettige
Department of Computer Engineering
Faculty of Computing
Contents

• Introduction
  • What is a Blog?, Blog vs Website,

• Content Management System
  • What is a CMS, Existing CMSs

• WordPress
  • Facilities, Limitations

• Steps to Develop a Blog

• Customize your Blog
  • Appearance, Menu, Pages, Media

• Activities
  • Create your own Blog
Introduction

A blog is a discussion or informational website published on the World Wide Web consisting of discrete, often informal diary-style Posts. (Wikipedia)
Introduction contd.

• Many blogs provide commentary on a particular subject or topic
• The term "weblog" was coined by Jorn Barger on 1997
• Blogs also run on CMS (Content Management System)
  • KDU-LMS, website are runs on WordPress CMS
• WordPress *is the* most powerful and popular CMS
• There are more than 70,000,000 WordPress blogs.
How to Develop a Blog

Source: https://curatti.com/websites-vs-blogs/
List of Best CMS for Blogging

• Word Press
• Blogger
• Ghost
• Movable Type
• Squarespace
• Joomla
WordPress

- WordPress is free, open-source, and easy to use, even for a beginner
- WordPress can power multiple types of websites, including blogs.
- WordPress powers more than 30% of the entire web
### Compare WordPress.com pricing and plans

<table>
<thead>
<tr>
<th>Feature</th>
<th>Free</th>
<th>Personal</th>
<th>POPULAR Premium</th>
<th>Business</th>
<th>eCommerce</th>
</tr>
</thead>
<tbody>
<tr>
<td>jetpack Essential Features</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Pre-Installed SSL Certificate</td>
<td>✔</td>
<td></td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Free Domain for One Year</td>
<td>—</td>
<td></td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Unlimited Email Support</td>
<td>—</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Basic Live Chat Support</td>
<td>—</td>
<td>—</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>24/7 Priority Live Chat Support</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>NEW</strong> Personalized Expert Support Sessions</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>✔</td>
</tr>
<tr>
<td>Storage Space</td>
<td>3 GB</td>
<td>6 GB</td>
<td>13 GB</td>
<td>200 GB</td>
<td>200 GB</td>
</tr>
</tbody>
</table>
## Compare WordPress.com pricing and plans

<table>
<thead>
<tr>
<th>Site Customization</th>
<th>FREE</th>
<th>PERSONAL</th>
<th>PREMIUM</th>
<th>BUSINESS</th>
<th>ECOMMERCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dozens of Free Themes</td>
<td>![ ]</td>
<td>![ ]</td>
<td>![ ]</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Custom domain as default web address</td>
<td>![ ]</td>
<td>![ ]</td>
<td>![ ]</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Unlimited Premium Themes</td>
<td>![ ]</td>
<td>![ ]</td>
<td>![ ]</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Advanced Design Customization</td>
<td>![ ]</td>
<td>![ ]</td>
<td>![ ]</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sign Up</th>
<th>FREE</th>
<th>PERSONAL</th>
<th>PREMIUM</th>
<th>BUSINESS</th>
<th>ECOMMERCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly Subscription billed yearly</td>
<td>![ ]</td>
<td>$4</td>
<td>$8</td>
<td>$25</td>
<td>$45</td>
</tr>
</tbody>
</table>

[Sign up] [Sign up] [Sign up] [Sign up] [Sign up] [Sign up]
Steps for Blogging

• Select a content management system
  • Here we use WordPress

• Create a user account
  • Account for WordPress

• Build a Blog using WordPress

• Build a home page

• Add Posts

• Customize the web
  • Select the Theme
  • Customize the menu
  • Add Posts, Pages
  • Manage user accounts and comments
Let's Blogging
What do you need to start a WordPress blog?

• There are three things

  1. A **domain name** idea (this will be the name of your blog
     i.e wpbeginner.com, budditha.wordpress.com, budditha.edu.lk)

  1. A **web hosting account** (this is where your website live on the internet)

  2. Your attention for 30 minutes.
Step 1. Select a domain

Welcome to the world’s most popular website builder.

39% of the web is built on WordPress. More bloggers, small businesses, and Fortune 500 companies use WordPress than all other options combined. Join the millions of people that call WordPress.com home.
Step 2: A web hosting account

1. Visit wordpress.com

Welcome to the world’s most popular website builder.

39% of the web is built on WordPress. More bloggers, small businesses, and companies use WordPress than all other options combined. Join the millions who have chosen WordPress.com home.

2. Click here

Start your website
Step 2: A web hosting account

1. Add your email address
2. Add suitable username
3. Add suitable password
4. Click here to next step
5. OR Click here to use existing Gmail account
Confirm your email address

Activate buddithakdu

WordPress.com <donotreply@wordpress.com
>
Sat 1/23/2021 3:23 AM
To: Dr. Budditha Hettige

Welcome to WordPress.com. Please click the button below to confirm your email address and activate your account.

Click here to Confirm Now

7. Click here to confirm
Select a domain

8. Type some name

9. Select this for free

Names are changed based on your selection.
Pick a plan that's right for you

10. Click here to start
How to Develop a Blog

Tasks to complete

Wordpress CMS

Site setup

- Site created
- Name your site
- Create a site menu
- Update your Home page
- Launch your site
- Confirm your email address

Quick links

- Edit homepage
- Add a page
Welcome to your new site. You can edit this page by clicking on the Edit link. For more information about customizing your site check out http://learn.wordpress.com/
Click here

Then Click here
Name your site

Give your new site a title to let people know what your site is about. A good title introduces your brand and the primary topics of your site.

Click here to name your site
Name your site

Insert name, logo and tagline

Then Save your settings

Almost done — every time you make a change, it needs to be saved. Let's save your changes and then see what's next on our list.
Create a site Menu

You have a site map then **add a menu** or **skip for now**
Launch your site

Your site is private and only visible to you. When you're ready, launch your site to make it public.

Click here to launch your site.
Let's get your site a domain!
Enter your site's name or some keywords that describe it to get started.

<table>
<thead>
<tr>
<th>Domain Name</th>
<th>Price</th>
<th>Action</th>
</tr>
</thead>
</table>
| budcilab.com         | First year included in paid plans
Renewal: $18.00 /year | Select       |
| budcilab.blog        | First year included in paid plans
Renewal: $22.00 /year | Select       |
| buddilab.wordpress.com | This is your current free site address. | Skip Purchase |

Already own a domain?
You can use it as your site's address.

Click here
Congrats, buddilab.wordpress.com is almost ready!
You can buy a custom domain to make your site address easier to share and remember. When a visitor uses your custom domain they will be re-directed to buddilab.wordpress.com

- buddilab.com  
  Registration fee: $18  
  Renewal at $18/year  
  Recommended

- buddilab.net  
  Registration fee: $18  
  Renewal at $18/year

- buddilab.org  
  Registration fee: $18  
  Renewal at $18/year

No thanks, I'll stick with buddilab.wordpress.com

Click here
Your Blog

Welcome to your new site.

Welcome to your new site! You can edit this page by clicking on the Edit link. For more information about customizing your site check out http://learn.wordpress.com/

Learn more
Customize your Blog
Login as Admin

• Login to
  • Wp-admin
  • Example: https://buddilab.wordpress.com/wp-admin/
WordPress Admin panel

WordPress Dashboard
Change Appearance

• Click Appearance → Click Themes → Select a suitable Theme

1. Click Appearance and Themes

2. Click Active

WordPress New Theme
Customize your page

• Click → Appearance → Customize
How to Develop a Blog
How to Develop a Blog
1. Click Add Item
How to Develop a Blog

1. Add URL
2. Add Caption
3. Click here to Apply

Menu Item
Add a Page

1. Click here to Add new page
Add a Page

• Select **blank page layout** or **existing layout**

1. Click here
# How to Develop a Blog

## Page Options

<table>
<thead>
<tr>
<th>TEXT</th>
<th>MEDIA</th>
<th>WIDGETS</th>
<th>EMBEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Markdown</td>
<td>Image Compare</td>
<td>Slideshow</td>
<td>Event Checkouts</td>
</tr>
<tr>
<td>Syntax Highlighter Code</td>
<td></td>
<td>Tiled Gallery</td>
<td>Event Calendar</td>
</tr>
<tr>
<td>Paragraph</td>
<td></td>
<td>Star Rating</td>
<td>Event Countdown</td>
</tr>
<tr>
<td>Heading</td>
<td></td>
<td>Repeat Visitor</td>
<td>Event Inline Checkout</td>
</tr>
<tr>
<td>List</td>
<td></td>
<td>Offset</td>
<td>Event Inline Checkout</td>
</tr>
<tr>
<td>Quote</td>
<td></td>
<td>Timeline</td>
<td>Latest Instagram Posts</td>
</tr>
<tr>
<td>Code</td>
<td></td>
<td>Blog Posts</td>
<td>Map</td>
</tr>
<tr>
<td>Classic</td>
<td></td>
<td>Post Carousel</td>
<td>Pinterest</td>
</tr>
<tr>
<td>Preformatted</td>
<td></td>
<td>Podcast Player</td>
<td>RelatedPosts</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Latest Comments</td>
<td>Embed</td>
</tr>
<tr>
<td>Pullquote</td>
<td></td>
<td>Twitter</td>
<td>Spotify</td>
</tr>
<tr>
<td>Table</td>
<td></td>
<td>YouTube</td>
<td>Flickr</td>
</tr>
<tr>
<td>Verse</td>
<td></td>
<td>SoundCloud</td>
<td>Vimeo</td>
</tr>
<tr>
<td>Media &amp; Text</td>
<td></td>
<td>Latest Posts</td>
<td></td>
</tr>
</tbody>
</table>
Add new User

[Image of WordPress dashboard with users section]

How to Develop a Blog
List of User Roles

• **Administrator** – nothing is off limits
• **Editor** – has access to all posts, pages, comments, categories, tags, and links.
• **Author** – can write, upload photos to, edit, and publish their own posts.
• **Contributor** – has no publishing or uploading capability, but can write and edit their own posts until they are published
• **Follower** (public sites) / **Viewer** (private sites only) – can read and comment on posts and pages
• **Subscriber** – similar to the Follower / Viewer role; can read and comment on posts and pages.
How to Develop a Blog
Site Status

How to Develop a Blog
Activity

• Create a Personal Blog
How to Develop a Blog