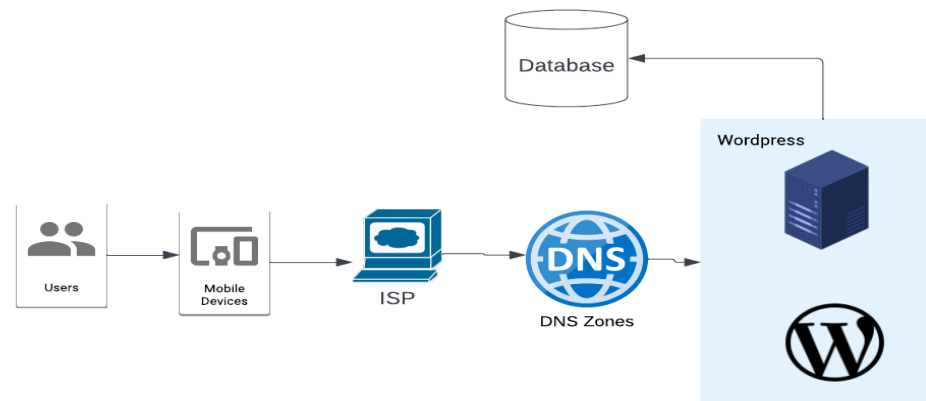


Project Design Phase-II Technology Stack

Date	01 November 2023
Project Name	Creating blog using wordpress

In this project, we aim 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 establish an online presence effectively.



Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	User can interact with an interface	HTML, CSS, JavaScript
2.	Application Logic-1	create Blog to update activities	PHP
3.	Application Logic-2	Modify themes for look	Wordpress themes
4.	Database	To store user login credential	MySQL
5.	External API-1	Calls, Email, Encryption	Wordpress API

Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	WordPress is an open-source content management system (CMS). It's a popular tool for individuals without any coding experience who want to build websites and blogs.	Wordpress
2.	Security Implementations	The Open Web Application Security Project (OWASP) is an online community dedicated to web application security.	OWASP
3.	Availability	WordPress Availability Calendar is a FREE responsive easy to use plugin. This plugin can use for different purposes like showing holiday list of your business, availability of your days, upcoming events, conference, rents apartments, available properties etc.	PHP, HTTPS
4.	Performance	Through WordPress plugins like WP-Rocket and WP Super Cache, you can control cache headers that help to optimize performance from the visitors' browser. Page or server-side caching cuts down extensive PHP and MySQL queries by serving simple HTML files to browsers that previously used the website.	PHP,Webpack