Current Trends in PHP

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Abstract: In the web development industry PHP is a very important tool as compared to other development mechanisms. Here I wish to find the latest trends in PHP for the current needs of the web development industry. In current online systems, websites are very important factors. So PHP has a great impact in this field.

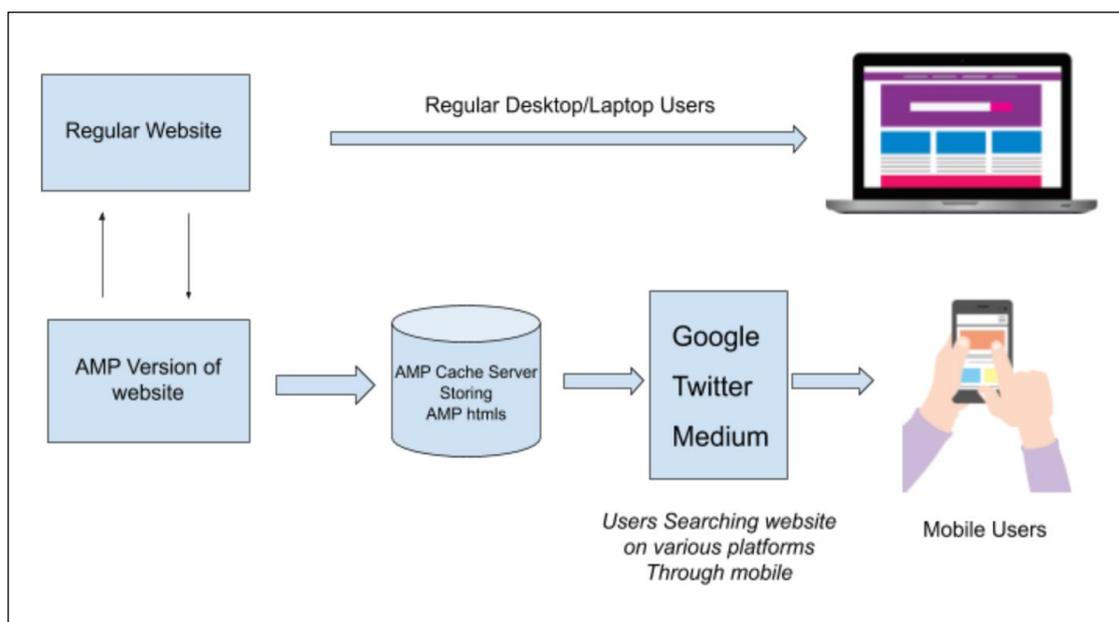***Index Terms -*** *php, web development, web application development, web , application, current trends*

I. INTRODUCTION

PHP is an open-source, general-purpose server-side scripting language available for website development and also suitable for many programming applications outside of the context of web development. PHP is an efficient development tool for the current technological needs. It can effectively work in association with database-related applications like MY SQL. Today most of the applications are works based on a huge amount of data so PHP can easily handle such data related operations efficiently [1]

II. TECHNOLOGICAL TRENDS IN PHP DEVELOPMENT

➢ Accelerated Mobile Pages[1] (AMP) – An open-source library that provides an efficient method to create web pages that are suitable when a user opens them in desktop computers and smartphone web browsers. If any website is developed in PHP, with adding an AMP version of that site can increase readability and accessibility.
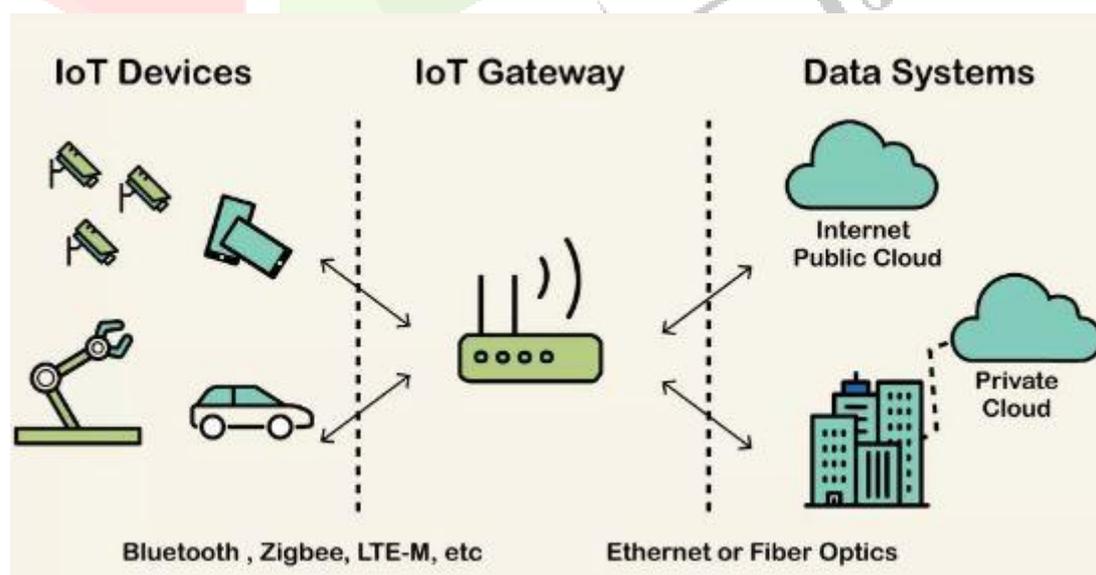
Figure. 1. How AMP Works [2]

Today Most of the website users are browsing with smartphones other than desktop or laptops so the AMP version website has a great impact in this industry.

➢ IoT Technology[1] The Internet of Things is the constantly growing network of devices or things that can communicate and collaborate through the Internet while users remotely control and manage them. The usage and interaction between IoT-enabled devices can be efficiently implemented by the abilities of PHP for dynamic programming and faster code writing. The PHP version 7 helps developers to easily connect to the asynchronous programming for IoT that allows PHP programs to do the multiple operations of IoT-enabled devices.

Figure. 2. How IoT Works[3]

According to **Figure. 2.** We can easily state that all daily life devices are connected to the internet and easily manage them for our desired needs. Today we all are apart of the Internet of Things with or without our own invention. However, through the growth of such technologies, we can easily access our daily needs without hardness.

> Combination of Java and PHP[1] - We can use PHP and Java in the same application by using the PHP/Java Bridge which is the execution of a streaming XML-based network protocol that can be used to link a native script engine such as PHP to a Java virtual machine. This technology has led to various IT firms in starting to combine Java and PHP for developing web-based applications. Since Java is one of the most secure programming languages while PHP is one of the fastest, a Java and PHP combination can reduce the costs and time for upgrading web and mobile applications. So we can develop secure and fast applications by using the advantages of both technologies.
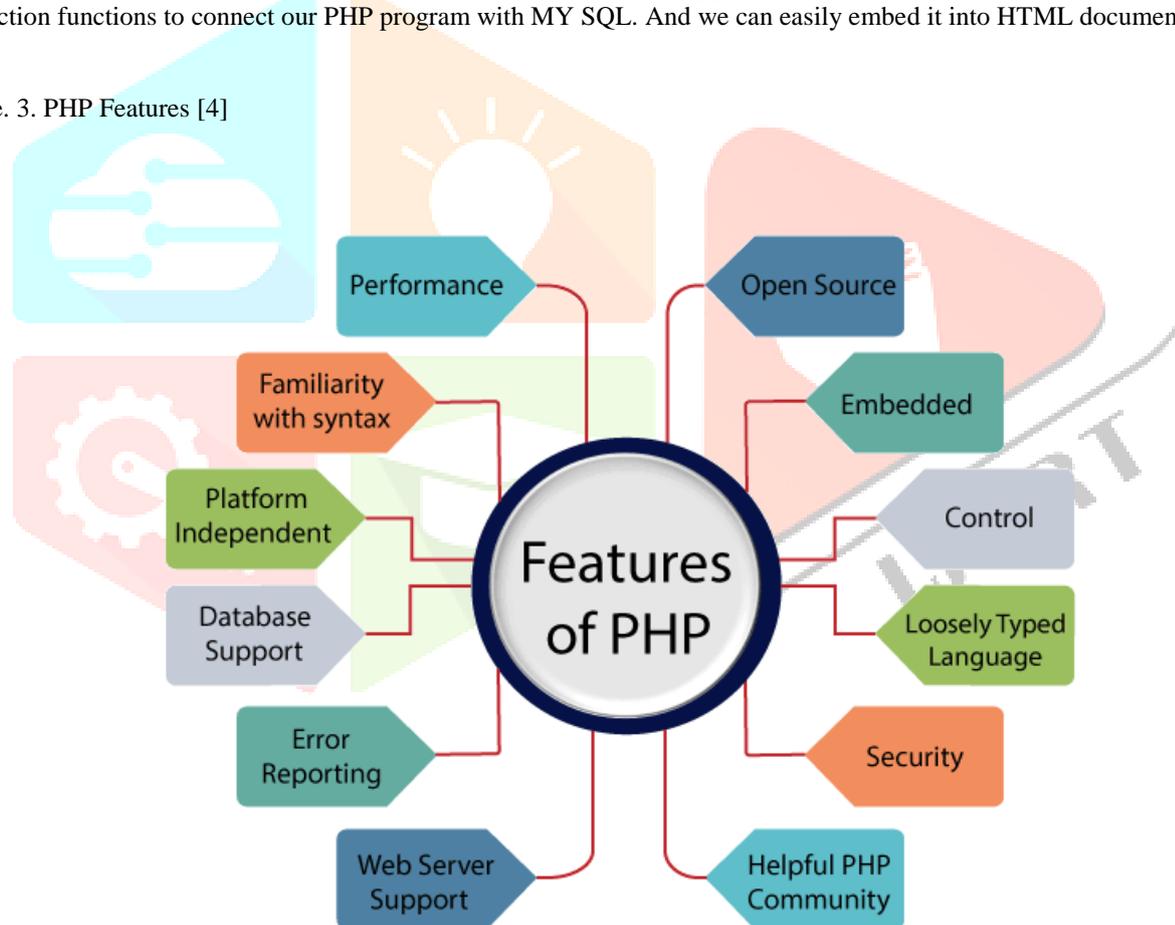
III. PHP USAGE

From the current trends, we can easily know that PHP is the most prominent tool for web development. PHP is now used in various fields of applications. This is because of the attractive features of this development tool. Anyway usage of PHP along with many other development tools increases day by day. Most of web development companies use PHP for faster web development and site maintenance.

IV. PHP FEATURES

Features of PHP help us to develop more database-oriented web applications and webpages. PHP provides more database connection functions to connect our PHP program with MY SQL. And we can easily embed it into HTML documents.

Figure. 3. PHP Features [4]

PHP is an open-source, platform-independent language that is widely used along with HTML for web development.

REFERENCES

[1]https://fullscale.io/blog/php-web-development-trends/
[2]https://tusharjoshi9.medium.com/accelerated-mobile-pages-c06f4aaf5849
[3]https://www.lanner-america.com/blog/what-is-an-iot-gateway/
[4]https://www.javatpoint.com/php-tutorial