A Review Paper on Implementation of Website Using Responsive Web Design for Resolution of Civilians Complaints

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Abstract:-

This paper goes for tackling the issues of layman which are being confronted without stopping for even a minute relating to District Council.A site outlined with Responsive Web Development (RWD) adjusts the format to the client by utilizing liquid, extent based grids,flexible pictures, and CSS3 media inquiries an expansion of the media guideline. This can be accomplished by utilizing CSS3 and HTML5 for planning. Distinctive classes are planned in CSS which are utilized at different areas as a part of code, these classes helps decreasing number of line of code of the task and keeps from inline styling, which helps in keeping up symmetry all through the outline and design. For this we are going to fuse PHP and it can essentially be blended with HTML code. The acceptance strategy proposed in this paper is connected to the minority asset database administration framework, it enhances the proficiency of framework advancement, lessen upkeep workload, enhance the exactness of approval, is a powerful approval technique through JavaScript. Alongside this we are going to incorporate Browser similarity, content administration kind of issues.
Keywords: CSS3; HTML5; PHP; JavaScript; RWD.

I. INTRODUCTION

Web plan incorporates a wide range of aptitudes and orders in the generation and upkeep of sites. The diverse zones of web configuration incorporate web visual communication, interface plan, writing, including institutionalized code and exclusive programming, client experience outline and site design improvement. Regularly numerous people will work in groups covering diverse parts of the outline process, albeit a few originators will cover every one of them. The term web outline is ordinarily used to portray the configuration process identifying with the front-end (customer side) configuration of a site including composing mark up. Web outline incompletely covers web building in the more extensive extent of web advancement. Web originators are relied upon to have an attention to convenience and if their part includes making mark up then they are likewise anticipated that would be up and coming with web availability rules.

In our everyday life we confront loads of issues identified with terrible street, absence of water supply and so forth. At whatever point we need to enlist our protests to any administration office, we need to sit tight for so yearn for the determination. In the wake of dropping the protests, the inquiry emerges at which level of power chain of command the dissension has come to. The layman is uninformed of the way the protestation will take after. The environment that we are going to make will permit individuals to interface with the power specifically and pass on their issues.

Numerous sites are still not responsive; they are not advanced for various gadgets, mostly in view of the innovation utilized for site creation. While some web innovations are obsolete (e.g. Streak) because of their contrarily with various adaptations of the program, new innovations, and www principles are in, the need of HTML5 and CSS3 for responsive outlining of site is expanding quickly.

II. LITERATURE REVIEW

The paper "Web advancement Technology-PHP. How It Is Related To Web Development Technology ASP.NET" was distributed by Manya Sharma in the year 2015.This paper tells about the advancements utilized as a part of PHP and how they are identified with ASP.NET. The paper starts with the presentation of PHP, characterizing what and how advances have been utilized as a part of improvement of User Complaint Web Application. How this innovation is identified with ASP.NET in elements, for example, execution, usefulness, acceptance and proactive conduct included in approving client info from the program, giving clients input, general time expended being developed and support.

The paper "Liquidizer.js: A Responsive Web Design Algorithm" was distributed by Abdulrehman Mohamed, Dr. Cheruiyot W.K, PhD, and Dr. Richard Rimiru, PhD, in the year 2015. This paper tells that Liquidizer.js is a responsive design jQuery module with element properties. The format canbe view in both little and vast gadgets, for example, advanced mobile phones, tablets, portable workstations and desktops.

The paper"A Comparative Study of Web Development Technologies Using Open Source and Proprietary Software" was distributed by David .A. Botwe1, Joseph .G. Davis in the year 2015.This paper displays a correlation of web application improvement advancements utilizing open source programming and restrictive programming. The examination includes three noteworthy web advancement advances specifically: Java Server Pages (JSP), Active Server Pages (ASP.NET) and PHP Hypertext Preprocessor (PHP).

The paper"Research on Implementation Method of the Double Validation in view of JavaScript" was distributed by Ming Qi, Fei Guo in the year 2015.This paper shows a twofold approved strategy for program and server taking into account JavaScript dialect is being proposed in this paper.

The paper"Responsive Web Development"was distributed by Girish Mehta, Kirti Sharma, and Himanshu Saini in the year 2014.This paper displays the design changes in view of the size and abilities of the gadget. For instance, on a telephone, clients would see content appeared in a solitary segment see; a tablet may demonstrate the same substance in two segments.

The diary "Planning Responsive Websites Using HTML and CSS" was distributed by Pallavi Yadav, Paras Nath Barwal in the year 2014.This paper displays a fundamental thought is to outlining a responsive site which is to fit in the substance, in light of the span of the gadget without concealing any substance and changing the perspective of design.

The paper"The Role and Importance of Search Engine and Search Engine Optimization", was distributed by Ayush Jain in the year 2013. This paper tells about Search Engines which are essentially intended for looking the applicable substance. Site design improvement is gathering of systems and practices by which any site can expand positioning in web crawler.

III. METHODOLOGY

For the development of the website we are going to incorporate technologies like RWD, PHP, JAVASCRIPT, HTML-5 and CSS-3.

A) Responsive Web Development

Responsive configuration implies keeping up the same look and feel of site for various gadgets with no real distinction. This helps the client to effectively get to the information from various gadgets with no many-sided quality to comprehend the stream of data and yield of the data. Clients need not pick a specific gadget to get to the data from the site.

The benefits of RWD are as follows:

- Easy for Google to crawl, index and organize content.

- Compatible with many devices.

- Easier to Manage.

- Same code base to load on all platforms.

- Better SEO Benefits.

- Performance and Speed.

```
.liquidizer ([Options])

Options

color-The text color of the targeted element(s). (Default: black)

backgroundColor-The background color of the targeted element(s). (Default: gold)

fontFamily-The fontfamily's name of the targeted element(s). (Default: san-serif)

fontStyle-The fontstyle's type of the targeted element(s). (Default: none)

fontWeight-The fontweight's type of the targeted element(s). (Default: none)

Element- Targeted element(s), which will apply the attribute(s).(Default: header)
```
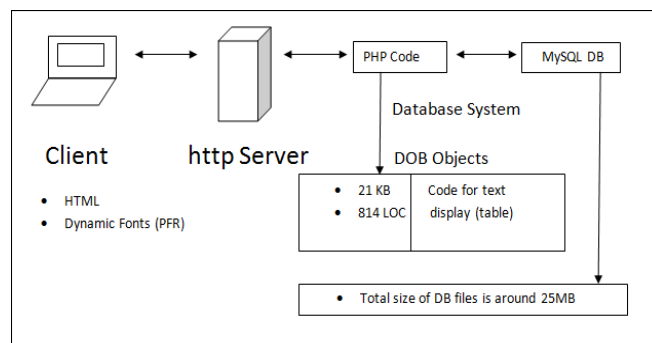
Figure1: Configuration of Liquidizer Algorithm

```
<header id="header">HEADER</header>//and the script
        will be something like this.
        $(document).ready (function (){
        $("//header").liquidizer ({

color:"#0000", backgroundColor:"gold", fontFamily:"sans-
        serif", fontStyle:"none",      fontWeight:"none",

    });});
```

Figure 2:HTML Implementation of Liquidizer Algorithm

B) PHP

Hypertext pre-processor is a web page programming language that was designed to produce dynamic web pages. For this purpose PHP code is embedded into the html source file with PHP tags and interpreted by the web server.
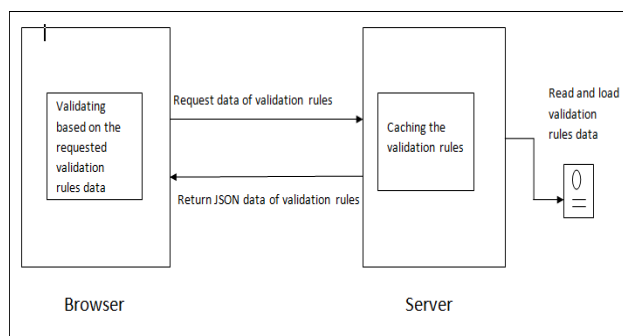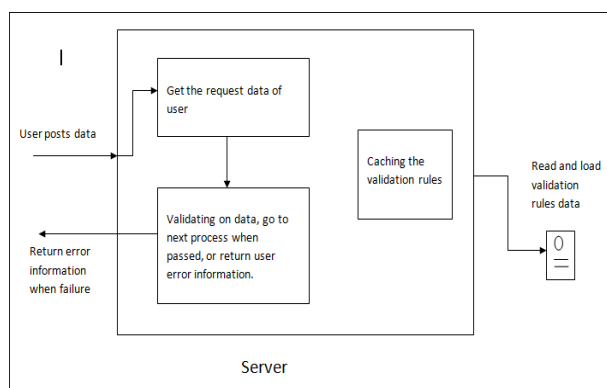

Figure3: An overview of PHP

C) JavaScript
JavaScript language is a kind of script language, which is widely used in browser.Currently, in the development process of Web application system, a lot of user input need to be validated, to ensure the user input data meet the requirements of the specifications. The validation method of user

input is respectively realized by JavaScript and Java language in the browser and server.Validation Method for Browser based on JavaScript. The process of validation rules to be obtained and executed for browser is shown in Fig 4.

Figure4: The Process of Validation for Browser

Firstly, JavaScript object is be obtained which generated the validation rules, then iterate the every object, obtain the validation rule and execute it, ignore this rule when the rule is passing through, otherwise give the corresponding information to user.Validation Method for Server based onJavaScript.

Figure5: The Process of Validation for Server

Validation process of server is shown in Fig5.Firstly, the date submitted by user is be obtained by server, secondly the data is be validated according to rule, then execute next step

when rule is right, otherwise give the error information to user. Using the proposed method of browser and server double validated which based on the JavaScript language, to improve the development efficiency of Web application system, and has the remarkable effect of higher software reusability.

IV. CONCLUSION

Responsive Designing is incredible thought for the individuals who want their site to be easily open to clients. Responsive web plan adjusts the website page to various screen sizes and it is likewise arranged for the future-gadgets that haven't been discharged hitherto. The calculation Liquidizer.js usage was viably responsive, an improved adaptation is prescribed whereby more dynamic credits to be consolidated to expand adequacy by the web designers. This paper proposes an execution strategy for twofold approval for program side and server side in view of JavaScript dialect, it identifies with the field of web application framework advancement in light of the Java EE stage. PHP is the stage which is more perfect, solid and which lessens the security issue that can be considered for building up a web application. In our site the regular folks can straightforwardly put their objections to the individual power managing it. The power tolerating dissensions if conceivable will understand it or forward it to the following higher power. On the off chance that there are a few issues identified with grumbles such as objection to grievance then the client will come to know why the deferral. Murmurer can likewise see whether his grumbling is pending or settled..

V. REFERENCES

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