

ASSIGNMENT 4

Aim: Validations using PHP

Problem Statement: Validate URL, Email, Required using functions empty, preg-match, filter-von in PMP

Theory:

What Es PMP?

PHP is an acronym for "PHP: Hypertext Preprocessor".

PHP is widely used open - source scripting language · PHP scripts are executed on the server · PHP is free to use and download · PHP file can contain text, html, css, Javascript and PHP code · PHP code is executed on server and the result is returned to the browser as plain HTML · PHP files have extension " · php"

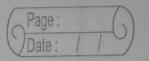
• PHP can generate dynamic page content. It can create, open, read, write, delete and create close files on the surver. PHP can collect from data. It can send and recieve cookies. PHP can add, delete, modify data in database and can be used to control user-access. It can encrypt data.

2) Advantages of PMP

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extremely flexible: PHP is highly flexible whether it is during an engoing project or after completeing the project. PHP has the ability to make changes even after starting the project and it saves valuable time.

· Eastly integration and compatiblity: PHP can easily sun on different platforms including UNIX, solaris and linux. It can be integrated without effort with other technologies such as Java, etc.



- efficient Performance: Depending on how the web developer wodes, PHP has the potential to turn in an efficient language.
- · Cost-efficient: PAP is an open source web language.
 hence it is completely free.
- · Gives web developer more control

3) PHP validations for email, URL

- In PMP to check whether an email address is valid to use PHP's filter - var () punction. To validate email - address in php use the filter - validate email which is a PMP email validation filter.
- These PHP filters are used to validate and filter data coming from insecure sources like user input.

 As of PHP 5.2.0, the filter functions are enabled by default. There is no installation needed to use these functions. filter var filters a variable with a specified filter.

\$ emaîl_address = "me @ example o com";

\$ (filter_var (\$ emaîl_address o filter-validate_email))

\$ // emaîl address is valid?

else & // emaîl address is invalid y

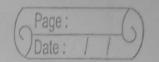
?>

The preg - match () function searches a string for pattern returing true if the pattern exists and false otherwise.

eg: \$name = test_input (\$POST ["name"]);
if (!preg_match ("/" (a-zA-z]*\$1" \$name)) {

\$nameErr = "Only letter & white space

allowed "; 3



It also accepts a regular expression followed by an array that is filled with results of match after

The empty () accepting a regular expression

followed by string

The empty () determines whether a variable is empty

syntax: bool empty (\$ var)

PHP for form validation.