BSc (Hons) in Information Technology
Year 1, Semester II, 2018
IT1100 – Internet and Web Technologies

Lab Exercise 07– File Handling Using PHP via Forms

Objectives

By the end of this lab session you will be able to:

Familiar with file uploading functionalities and form validation using PHP.

Exercise 1: Create a form and validate using PHP

1. Download 'ex1' folder to your htdocs folder.
2. Analize how the php data validation is done.
3. Now to the same form , add below input fields with suitable input types.
   a. Gender , male or female
   b. Select Educational Qualifications ,
      - Graduation
      - Post Graduate
      - PHD
      - Other
   c. Check your preferring days (select 2)
      - Monday
      - Wednesday
      - Friday
   d. Complete address with two lines
   e. Add required php codes and validations in to page2_form.php to display the following page

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Image Uploader

Let's see how to upload an image to your page. First, create an HTML form, and set its attributes like below.

```
<form action="" enctype="multipart/form-data" id="form" method="post"
name="form">
```

The enctype attribute specifies how the form-data should be encoded when submitting it to the server.

multipart/form-data	No characters are encoded. This value is required when you are using forms that have a file upload control

Note: The enctype attribute can be used only if method="post".

When a user clicks on this input tag a window will open for image file selection

```
<input id="file" name="file" type="file">
```

Upload image using web page and check it added to the uploaded folder in the server location.

Exercise 2: image/ file uploader using PHP.

    1. Download the folder name 'ex2' to your htdocs folder.

    2. Study the code and understand how image uploader works.

    3. Create a CV uploader to your previous form(ex1) , file types you can uploads are doc/docx and pdf only and file size has to be less than 2MB.

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Exercise 3: image/ file display using

By using given code display all the images in your image folder .

```php
<?php
   $files = glob("images/*.*");
   for ($i=0; $i<count($files); $i++)
   {
     $image = $files[$i];
     $supported_file = array(
             'gif',
             'jpg',
             'jpeg',
             'png'
     );

     $ext = strtolower(pathinfo($image, PATHINFO_EXTENSION));
     if (in_array($ext, $supported_file)) {
        echo basename($image)."<br />";
         echo '<img src="'.$image .'" alt="Random image" />'."<br /><br />";
     } else {
         continue;
     }
   }
?>
```