

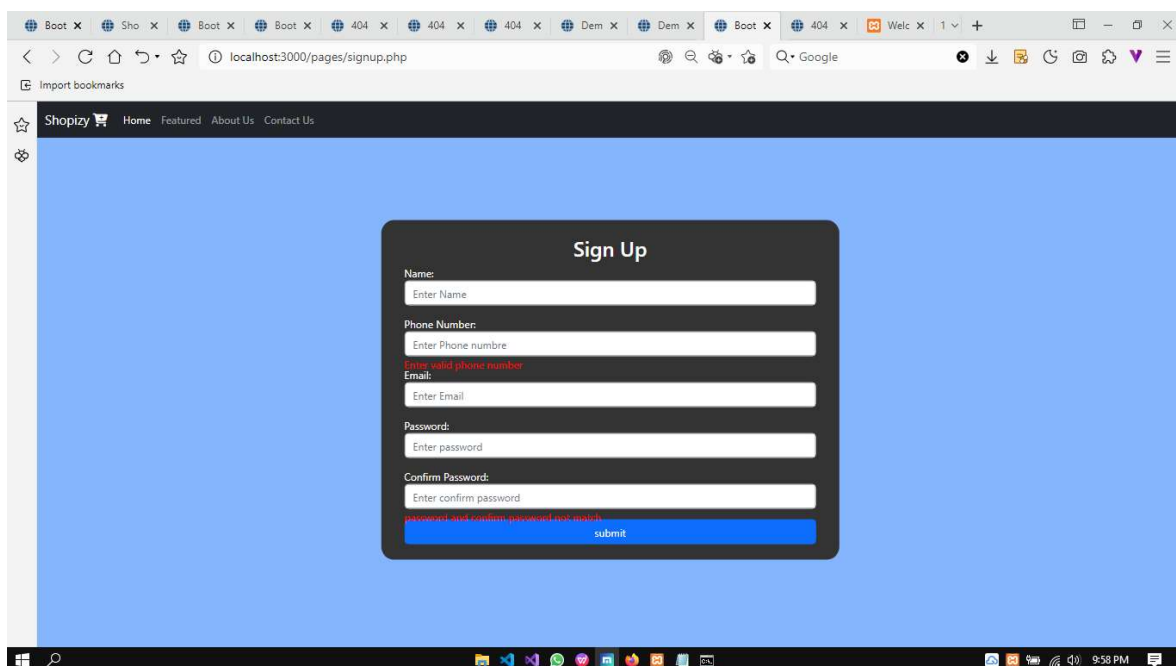
Lab #8(a)

Lab#8 Using PHP Regex,

a. Implementing Registration Form Validation using Regular Expressions.

| PROPERTY USED | ATTRIBUTES USED | DESCRIPTION |
|----------------|-------------------------------------|--|
| <?php | -- | a server side scripting language that is embedded in HTML |
| curl_init() | | Initialize a curl session |
| curl_setopt() | \$curl,CURLOPT_URL,\$url | Set various options for the session |
| curl_exec() | \$curl | Execute and fetch/send data from/to server |
| errno() | \$curl | Returns the error number or 0 (zero) if no error occurred |
| curl_close() | \$curl | Close the session |
| preg_match_all | pattern,input,matches ,flags,offset | Returns the number of times the pattern was found in the string, which also may be 0 |

Final Outcome:



The screenshot shows a web browser window with multiple tabs. The active tab is titled 'localhost:3000/pages/signup.php'. The page displays a 'Sign Up' form with the following fields and validation messages:

- Name:** Enter Name (input field)
- Phone Number:** Enter Phone number (input field)
- Email:** Enter Email (input field)
- Password:** Enter password (input field)
- Confirm Password:** Enter confirm password (input field)
- submit** (button)

Validation messages are displayed in red text below the input fields:

- Below Phone Number: *Enter valid phone number*
- Below Password: *password must contain password two letters*

Code Snippet:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css"
rel="stylesheet">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-awesome@6.3.0/css/all.min.css">
</style>

.form-box-signup{
  background-color: #333;
  border-radius: 20px;
  width: 40%;
  position: absolute;
  top:50%;
  left:50%;
  transform: translate(-50%,-50%);

}
.user button i {
  color: #fff;

  border-radius: 50%;
}
.card-body a {
  text-decoration: none;
  color: #0aff37;
}
.login-media #loginlink,
#cartlink {
  color: #fff;
  display: none;
}
.user button {
  border: 2px solid #fff;
  transform: scale(1.13);
```

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margin-left: 15px;
border-radius: 50%;
background-color: transparent;
}
.cart i {
color: #fff;
border: 2px solid #fff;
margin-left: 10px;
padding: 7px;
border-radius: 50%;
}
.slider img {
height: 70%;
width: 100%;
}

.row img {
margin-top: 10px;
margin-left: 70px;
height: 47%;
width: 65%;
}
.star {
background-color: rgb(34, 0, 128);
color: #fff;
padding: 0px 4px 0 4px;
border-radius: 4px;
}
.sell {
margin-left: 15px;
transform: translateY(-2px);
display: inline-block;
}
.office-cat {
margin-top: 25px;
}
.error{
color: red;
position: absolute;
}
</style>
</head>

<body class=" bg-opacity-50 bg-primary ">

<?php

```

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```
session_start();

#define empty variable;
$name_err=$mob_err=$email_err=$pass_err=$cpass_err=$dob_err="";

if($_SERVER["REQUEST_METHOD"]=="POST")
{
    //NAME VALIDATION
    if(empty($_POST['name']))
    {
        $name_err="Enter Name";
    }
    else if(!preg_match("/^[a-zA-Z]*$/",$_POST['name']))
    {
        $name_err="only letters and white space allowed";
    }

    //MOBILE NUMBER VALIDATION

    if(empty($_POST['phone']))
    {
        $mob_err="enter mobile number";
    }
    else if(!preg_match("/^[0-9]{10}$/",$_POST['phone']))
    {
        $mob_err="Enter valid phone number";
    }

    //EMAIL VALIDATION
    if(empty($_POST['email']))
    {
        $email_err="enter email";
    }
    else if(!filter_var($_POST['email'],FILTER_VALIDATE_EMAIL))
    {
        $email_err="Enter Valid email";
    }

    //PASSWORD VALIDATION

    if(empty($_POST['pswd']))
    {
        $pass_err="enter password";
    }
    else if(strlen($_POST['pswd'])<8))
```

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{
    $pass_err="password must be atleast 8 characters";
}

//CONFIRM PASSWORD ERR

if(empty($_POST['cpswd']))
{
    $cpass_err="Enter Confirm password";
}
else if($_POST['pswd']!= $_POST['cpswd'])
{
    $cpass_err="password and confirm password not match";
}

if(empty($name_err)&&empty($mob_err)&&empty($email_err)&&empty($pass_err)&&empty($cpas
s_err))
{
    $_SESSION['uname']=$_POST['name'];
    $_SESSION['email']=$_POST['email'];
    $_SESSION['password']=$_POST['pswd'];

    header("location:home.php");

}
}

?>
<!--navbar start-->
<nav class="navbar navbar-expand-lg navbar-dark bg-dark text-white">
    <div class="container-fluid">
        <a class="navbar-brand" href="#">Shopizy<i class="fa-sharp fa-solid fa-cart-
plus"></i></a>
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarScroll" aria-controls="navbarScroll" aria-expanded="false" aria-label="Toggle
navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarScroll">
            <ul class="navbar-nav me-auto my-2 my-lg-0 navbar-nav-scroll" style="--bs-scroll-height:
100px;">
                <li class="nav-item">
                    <a class="nav-link active" aria-current="page" href="#">Home</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" aria-current="page" href="featured.html">Featured</a>
```

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</li>
<li class="nav-item">
  <a class="nav-link " area-curren="page" href="about.html">About Us</a>
</li>
<li class="nav-item">
  <a class="nav-link " area-curren="page" href="contact.html">Contact Us</a>
</li>
</ul>
</div>
</div>
</nav>
<!--navbar over-->
<!--Form starts here-->
<div class="form-box-signup mt-4" id="demo" >
  <div class="container mt-4 text-white">
    <h2 class="text-center">Sign Up</h2>
    <form action="" method="post" onsubmit="return handleSubmit()">
      <div class="mb-3 mt-1 mx-4">
        <label for="email">Name:</label>
        <input type="text" class="form-control" id="name" placeholder="Enter Name" name="name">
        <span class="error"> <?php echo $name_err;?> </span>
      </div>
      <div class="mb-3 mt-3 mx-4">
        <label for="phone">Phone Number:</label>
        <input type="text" class="form-control" id="phnum" placeholder="Enter Phone numbre"
name="phone">
        <span class="error"> <?php echo $mob_err;?> </span>
      </div>
      <div class="mb-3 mt-3 mx-4">
        <label for="email">Email:</label>
        <input type="email" class="form-control" id="email" placeholder="Enter Email"
name="email">
        <span class="error"> <?php echo $email_err;?> </span>
      </div>
      <div class="mb-3 mx-4">
        <label for="pwd">Password:</label>
        <input type="password" class="form-control" id="pwd" placeholder="Enter password"
name="pswd">
        <span class="error"> <?php echo $pass_err;?> </span>
      </div>
      <div class="mb-3 mx-4">
        <label for="pwd">Confirm Password:</label>
        <input type="password" class="form-control" id="cpwd" placeholder="Enter confirm
password" name="cpswd">
        <span class="error"> <?php echo $cpass_err;?> </span>
      </div>

```



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```
<div class="row mb-4 mx-4 mt-2">
  <input type="submit" class="btn btn-primary" value="submit">
</div>
</form>
</div>
</div>
</body>
</html>
```