

**Ex. No.:**

## DTH PORTAL-DATABASE CONNECTIVITY-MS ACCESS

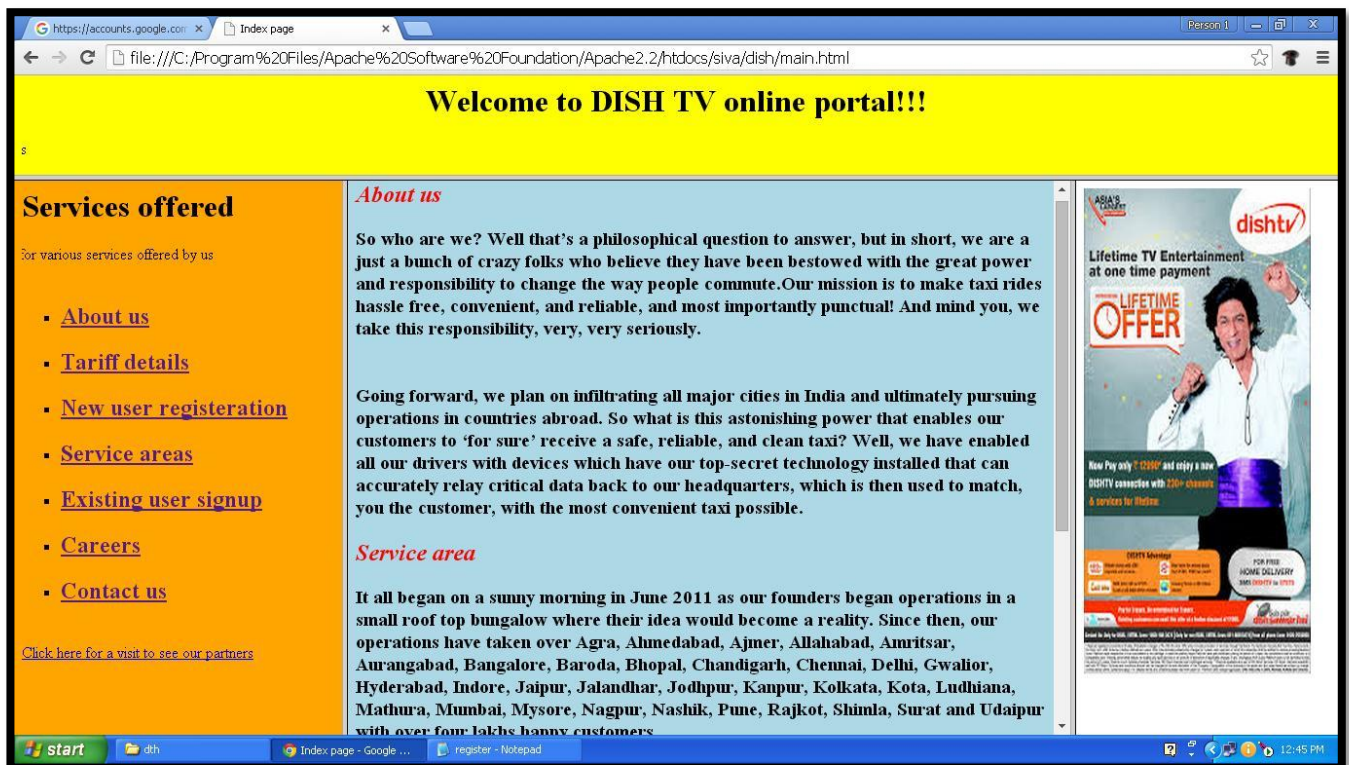
### USING PERL LANGUAGE

#### AIM:

To create a online DTH portal page with database access for storing the credentials and the user details and subscription in the database and reading it using PERL language.

#### HTML CODE:

```
<html>
  <head>
    <link rel="icon" href="C:\Users\sivajrm\Desktop\html
lab\taxi.jpg" type="image/x-icon" />
    <title> Index page </title>
    <frameset rows="15.35%,*">
      <frame src="r1.html">
<frameset cols="25%,*,20%">
  <frame src="simple.html">
  <frame name="se" src="content.html">
  <frame src="ad.html">
</frameset>
</frameset>
</head>
</html>
```



Screenshot of the home page

## TOP CONTENT:

```
<html>
  <head>
    <h1 onmouseover="style.color='red'"
onmouseout="style.color='black'"> Welcome to DISH TV online portal!!! </h1>
    <marquee direction="left" font color="red" width="100%">Hot
news we are the first in the market to have 1 lakh customers</marquee>
  </head>
  <body bgcolor="yellow">
    <p>
      <style type="text/css">
        h1{ color:black;text-align:center;}
        h2{color:black;text-align:center;}
      </style>
    </p>
  </body>
</head>
```

## SERVICES CONTENT:

```
<html>
<head>
<h1> Services offered </h1>
  <marquee direction="left" text color="red" width="100%">Navigate the
menus below for various services offered by us</marquee>
</head>
<body bgcolor="orange">
<br> <br>
<ul type="square">
  <li> <h2> <a href="content.html#au" target="se"> About us </a> </h2>
  <li> <h2> <a href="tariff.html" target="se"> Tariff details </a> </h2>
  <li> <h2> <a href="78.html" target="se">New user registration </a>
  </h2>
<li> <h2> <a href="content.html#sa" target="se"> Service areas </a> </h2>
<li> <h2> <a href="user.html" target="se">Existing user signup</a> </h2>
<li> <h2> <a href="careers.html" target="se"> Careers </a> </h2>
<li> <h2> <a href="content.html#cu" target="se">Contact us </a> </h2>
</ul><br><a href="imap.html" target="se" title="To image map">Click here
for a visit to see our partners</a>
<br><br><br><br>
<body>
</html>
```

## WEBPAGE CONTENT:

```
<html>      <head>      <title> content </title>
      <style type="text/css">
        h2{ color:red;text-align:left;font-style:italic;}
        h3{ color:black;}</style></head>
  <body bgcolor="lightblue">
    <h2 id="au"> About us</h2><p> <h3>
      So who are we? Well that's a philosophical
question to answer, but in short, we are a
      just a bunch of crazy folks who believe
they have been bestowed with the great power and responsibility to
```

change the way people commute. Our mission is to make taxi rides hassle free, convenient, and reliable, and most importantly punctual!

And mind you, we take this responsibility, very, very seriously. <br> <br>  
<br>Going forward, we plan on infiltrating all major cities in India and ultimately pursuing operations in countries abroad.  
So what is this astonishing power that enables our customers to 'for sure' receive a safe, reliable, and clean taxi?  
Well, we have enabled all our drivers with devices which have our top-secret technology installed that can accurately relay critical data back to our headquarters, which is then used to match, you the customer, with the most convenient taxi possible.

</h3></p>

<h2 id="sa"> Service area </h2><h3>

It all began on a sunny morning in June 2011 as our founders began operations in a small roof top bungalow where their idea would become a reality.

Since then, our operations have taken over Agra, Ahmedabad, Ajmer, Allahabad, Amritsar, Aurangabad, Bangalore, Baroda, Bhopal, Chandigarh, Chennai, Delhi, Gwalior, Hyderabad, Indore, Jaipur,

Jalandhar, Jodhpur, Kanpur, Kolkata, Kota, Ludhiana, Mathura, Mumbai, Mysore, Nagpur, Nashik, Pune, Rajkot, Shimla, Surat and Udaipur with over four lakhs happy customers.

</h3></p>

<h2 id="cu"> Contact us</h2>

<button onclick="myFunction()">Click here to email</button>

<p id="demo"></p>

<script>

```
function myFunction() {  
    document.getElementById("demo").innerHTML = "You clicked e-mail button";  
}
```

</script> <p> <h3>

<br>

E-mail your queries to care@tfs.com

<br><br>For further details contact<br>

Customer relations,<br>

No:10, Five furlong road, 100 ft Bypass road,<br>

Velacheri, Chennai-600028, <br>

Tamilnadu.<br></h3></p>

</body>

</html>

## ADVERTISEMENT:

<html>

<head>

<title> Advertisement </title>

</head>

<body>



</body>

</html>

## USER REGISTRATION PAGE:

```
<html>
<head>
    <title>Registration form </title>
</head>
<body style="background-
image:url(data:image/png;base64,iVBORw0KGgoAAAANSUheUgAAAY0AAAB/CAMAAAAkVG5
FAAAAwFBMVEX////zWiHzVxvzVRbzUgz+8/DzWB75r5fyTQDzVBH82cz7yLXzVhr1dkjzVRXyUA
T95t35t6Xl1fE782dL/+fj1bTn7w7D83dP0Yin1bz/2glj4p5D5s6P+7eb2h2LzXR/7z7/bdVMx2
DSMFmbffarmTjVgsg+qnGYowhYfEBrljnoTzxImqD1IQA4ptAP5cmUrSBtSxvXp93c9nBet56fu
luynWLVJleqG+e101b13W7OZ911xe7HjAJglvz9975Xy/9JFjudw9G7dldbe8Rdjopt2bT7UQc9
K5z/bWmCcYeQvQM0oxerlqt9i4wFGH8H6l+ysi4BlaiAAAAAE1FTkSuQmCC); background-
position: 50% 75%; background-repeat:no-repeat;">

<h1>Welcome to new user registration page </h1>

<FORM METHOD="POST" ACTION="/cgi-bin/register.pl">

<TABLE BORDER="1">
    <TR><TD>Your name</TD><TD><INPUT TYPE="TEXT" NAME="name" SIZE="20"
required></TD></TR><TR><TD>Region</TD><TD><INPUT TYPE="TEXTAREA"
NAME="region" rows="5" cols="10" required></TD></TR>
    <TR><TD>User name</TD><TD><INPUT TYPE="TEXT" NAME="username" SIZE="20"
required></TD></TR><TR><TD>Preferred password</TD><TD><INPUT
TYPE="password" NAME="password" SIZE="20" required></TD></TR><TR>
<TD>Retype password</TD><TD><INPUT TYPE="password" NAME="repassword"
SIZE="20" required></TD></TR><TR><TD>Your E-mail address</TD><TD><INPUT
TYPE="email" NAME="email" SIZE="25" required></TD>
    </TR><TR><TD>Gender</TD><TD>
        <input type="radio" name="Gender" value="Male">Male<br>
        <input type="radio" name="Gender" value="Female">Female<br>
    </TD></TR><TR><TD>Phone number</TD><TD>
        <input type="number" name="Phone number"></TD></TR></TABLE>
<button type="reset" value="Reset">Reset</button>
<P><INPUT TYPE="SUBMIT" VALUE="Submit" NAME="B1"></P>
</FORM></body></html>
```

## TARIFF PAGE:

```
<html><head><title>Tariff details</title>
</head><body bgcolor="white">
    <h1>Tariff as per the DTH association of INDIA norms</h1>
    <br>The minimum rate for DTH service is of $50 for 2 months
    .<br>All subscription is for 28 days calculation for a month.
    <br><br><table border="5" cellpadding="3" cellspacing="2"><tr>
        <th font color="Blue">Pack name</th> <th> Channel content</th>
    <th>Price per month </th>
    </tr><tr><td align="center">South</td><td align="center">Sun tv, Siripoli
tv, Sun news, Asianet, Pothigai</td><td align="center">$10</td>
    </tr><tr><td align="center">Middle</td><td align="center">Sun news,
Asianet, Pothigai, CNN news, NDTV, MTV</td><td align="center">$18</td></tr>
    <tr><td align="center">North</td><td align="center">CNN news, NDTV, MTV, Aaj
tak, Lok sabha, DD National</td><td align="center">$14</td>
    </tr></table><a href="http://www.dishtv.in"><br><br></body></html>
```

## SCREENSHOT OF NEW USER REGISTRATION PAGE:

**Welcome to DISH TV online portal!!!**

Hot news we are the first in the market to have 1 lakh customers

**Services offered**

igate the menus below for various services

- [About us](#)
- [Tariff details](#)
- [New user registration](#)
- [Service areas](#)
- [Existing user signup](#)

**Welcome to new user registration page**

Your name: Siva

Region: Nagercoil

User name: sivajrm

Preferred password: \*\*\*\*\*

Retype password: \*\*\*\*\*

Your E-mail address: sivajrm@gmail.com

Gender: ☒ Male ☐ Female

Phone number: 9566618733

**dishtv**

Lifetime TV Entertainment at one time payment

**LIFETIME OFFER**

Now Pay only ₹ 1299/- and enjoy a new DISHTV connection with 220+ channels & services for lifetime.

**Welcome to DISH TV online portal!!!**

Hot news we are the first in the market to have 1 lakh customers

**Services offered**

or various services offered by us

- [About us](#)
- [Tariff details](#)
- [New user registration](#)
- [Service areas](#)
- [Existing user signup](#)
- [Careers](#)
- [Contact us](#)

[Click here for a visit to see our partners](#)

**Tariff as per the DTH association of INDIA norms**

The minimum rate for DTH service is of \$50 for 2 months .  
All subscription is for 28 days calculation for a month.

Pack name	Channel content	Price per month
South	Sun tv, Sripoli tv, Sun news, Asianet, Pothigai	\$10
Middle	Sun news, Asianet, Pothigai, CNN news, NDTV, MTV	\$18
North	CNN news, NDTV, MTV, Aaj tak, Lok sabha, DD National	\$14

**dishtv**

Lifetime TV Entertainment at one time payment

**LIFETIME OFFER**

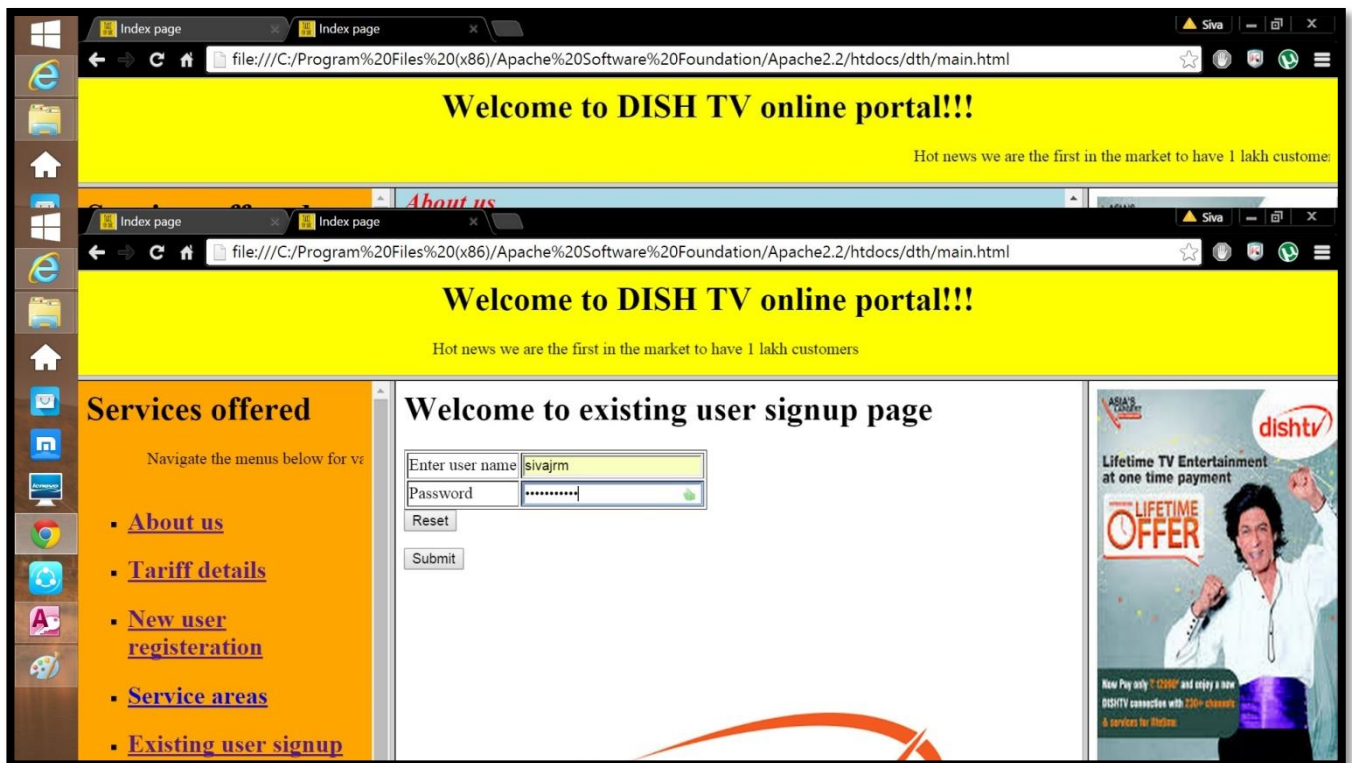
Now Pay only ₹ 1299/- and enjoy a new DISHTV connection with 220+ channels & services for lifetime.

## SCREENSHOT OF TARIFF PAGE



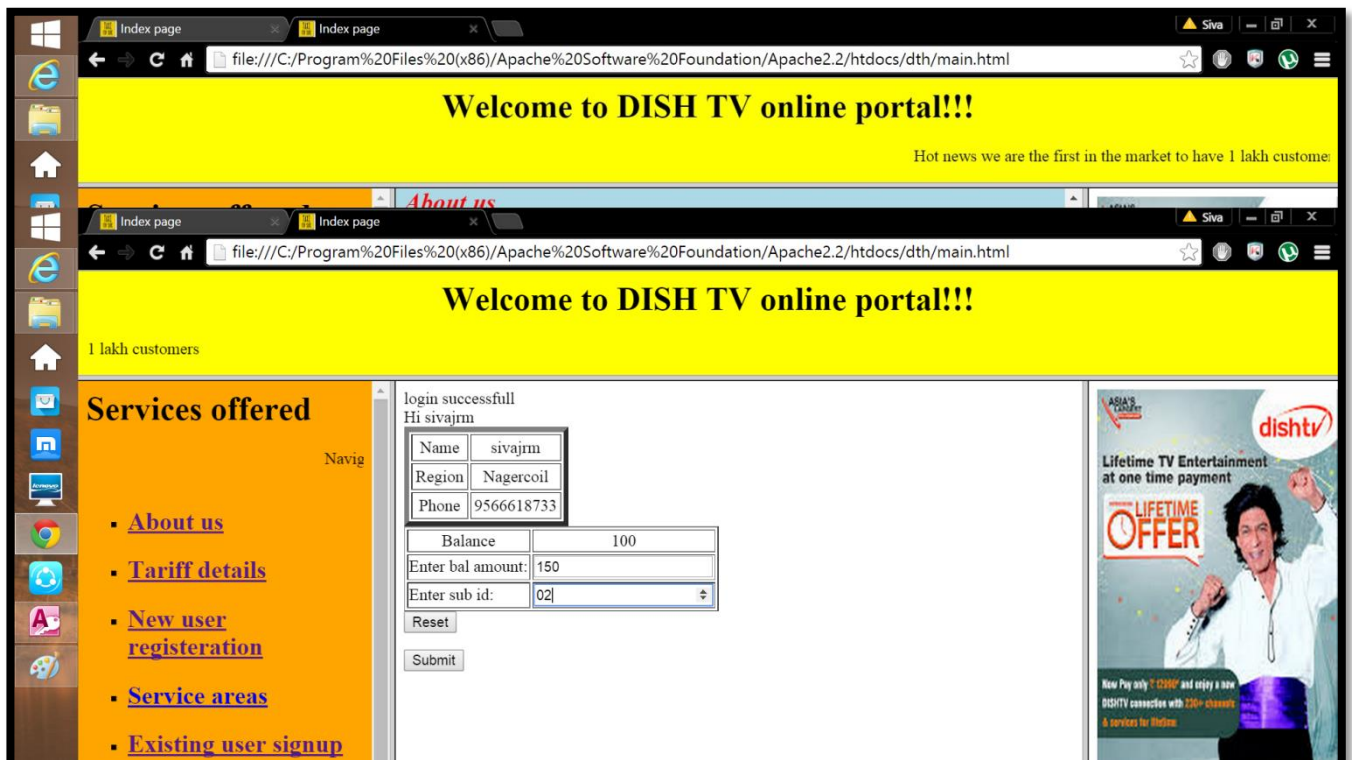
## EXISTING USER PAGE:

```
<html><head><title> Existing user portal </title></head>
<body style="background-
image:url (data:image/png;base64,iVBORw0KGgoAAAANSUheUgAAAY0AAAB/CAMAAAAkVG5
FAAAAwFBMVEX////zWiHzVxvzVRbzUgz+8/DzWB75r5fyTQDzVBH82cz7yLXzVhrldkjzVRXyUA
T95t35t6X1fE782dL/+fj1bTn7w7D83dP0Yin1bz/2glj4p5D5s6P+7eb2h2LzXR/7z7/slMow5
Ex095JrouFos9B8GX170y4jqnAPSfz1ZVckG+ +ysi4B1aiAAAAAE1FTkSuQmCC);
background-position: 50% 75%; background-repeat:no-repeat;">
<h1>Welcome to existing user signup page </h1>
<FORM METHOD="POST" ACTION="http://www.dishtv.in">
<TABLE BORDER="1">
  <TR>
    <TD>Enter user name</TD>
    <TD>
      <INPUT TYPE="TEXT" NAME="name" SIZE="20" required>
    </TD>
  </TR>
  <TR>
    <TD>Password</TD>
    <TD>
      <INPUT TYPE="password" NAME="password" SIZE="20" required>
    </TD>
  </TR>
  <td style="text/css"> input:required:invalid, input:focus:invalid {
background-image:
url (data:image/png;base64,iVBORw0KGgoAAAANSUheUgAAABAAAAAQCAAAAAf8/AMozQHD
eqaij7Cd8Dt8CatGhX3iWxgtFW/m29pnUjR7TSQcRCIAVW1FSr6KAVYdi+5Pj8yunviYHq7f72p
o3Y9dbi7CxzDO1+duzCXH9cEPAQYAhJELY/AqBtwAAAAASUVORK5CYII=); background-
position: right top; background-repeat: no-repeat; } </td>
</TABLE>
<button type="reset" value="Reset">Reset</button>
<P><INPUT TYPE="SUBMIT" VALUE="Submit" NAME="B1"></P></FORM></body></html>
```



## LOGIN VALIDATION:

```
#!C:\Perl\bin\perl.exe
print "Content-type:text/html;charset=iso-8859-1\n\n";
use CGI;
use CGI::Carp qw(fatalsToBrowser);
$q=new CGI;
read(STDIN,$FormData,$ENV{'CONTENT-LENGTH'});
use Switch;
$name=$q->param('username');
$pass=$q->param('repassword');
$phone=$q->param('phone');
$region=$q->param('region');
$name=$q->param('name');
use DBI;
my $dbh = DBI->connect("DBI:ODBC:xxx") or die $DBI::errstr;
my $sth = $dbh->prepare("SELECT * FROM DATA WHERE USERNAME=?");
$sth->execute($name) or die $DBI::errstr;
while (my @row = $sth->fetchrow_array()) {
    print "$row[0] $row[1] $row[2] $row[3] $row[4]<br>";
}
$sth->finish();
my $sth = $dbh->prepare("INSERT INTO
DATA(username,pass,name,region,phone,bal) values(?,?,?,?,?,?)");
$sth->execute($name,$pass,$name,$region,$phone,100) or die $DBI::errstr;
$sth->finish();
$dbh->commit or die $DBI::errstr;
```

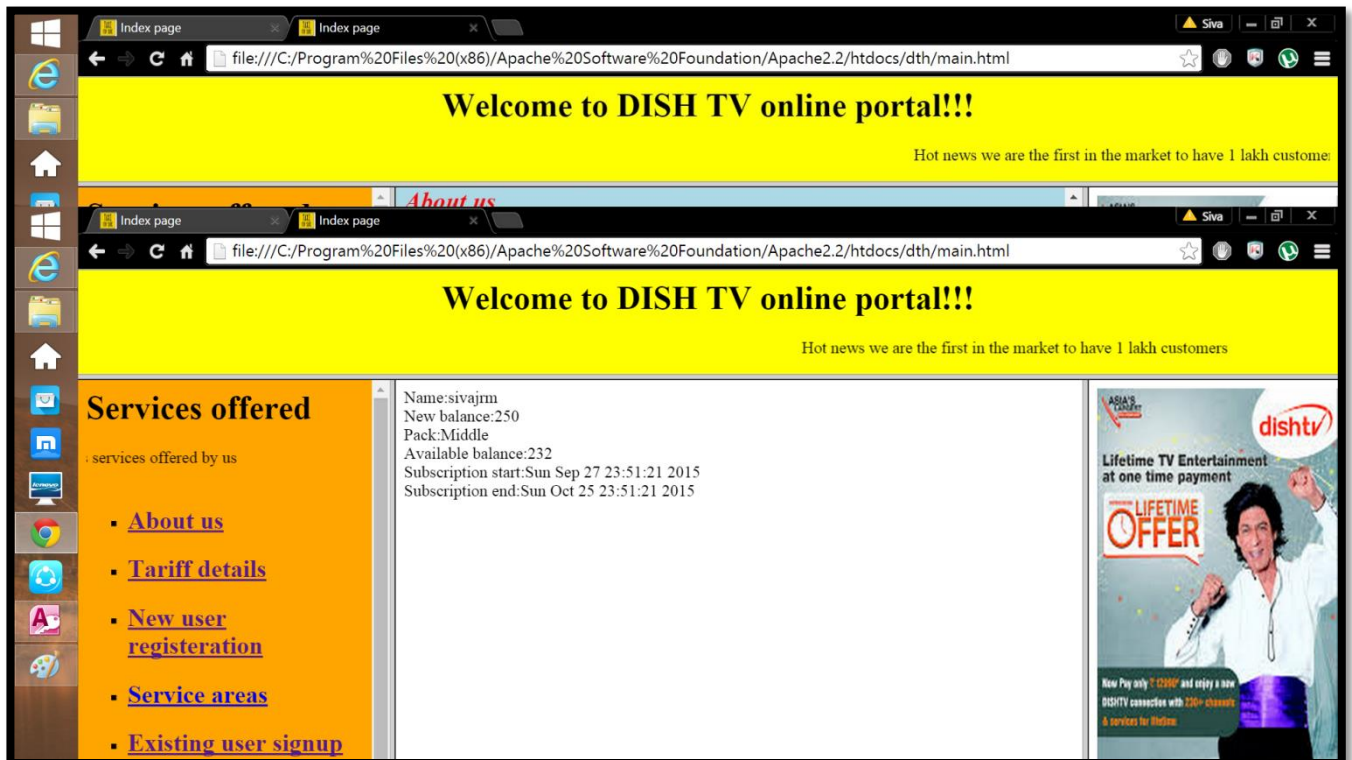


SCREENSHOT OF THE LOGIN VALIDATION PAGE

## DATABASE CONNECTIVITY:

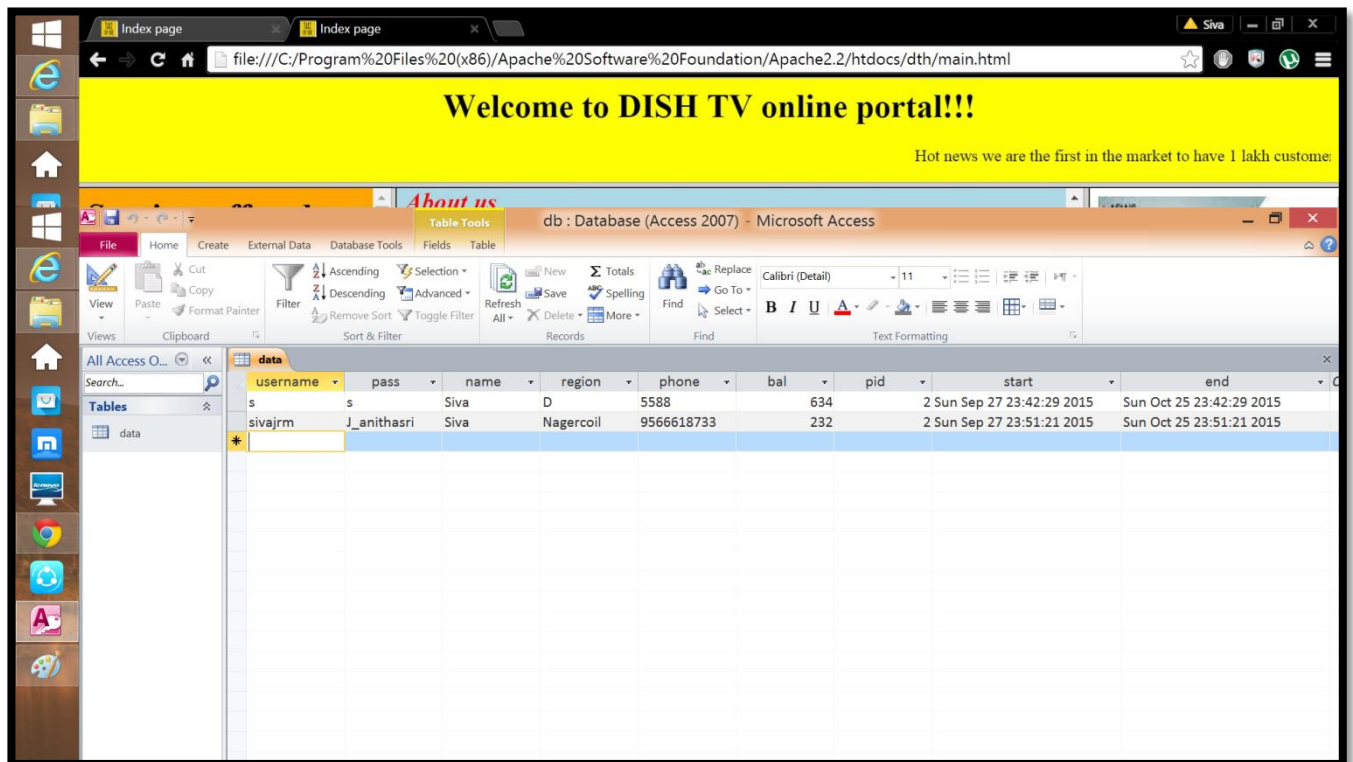
```
#!C:\Perl\bin\perl.exe
print "Content-type:text/html;charset=iso-8859-1\n\n";
use CGI;
#use CGI::Carp qw(fatalsToBrowser);
$q=new CGI;
read(STDIN,$FormData,$ENV{'CONTENT-LENGTH'});
use Switch;
$name=$q->param('name');
$oldbal=$q->param('bbal');
$newbal=$oldbal+$q->param('bal');
$sid=$q->param('sid');
print "Name:$name<br>";
print "New balance:$newbal<BR>";
if($sid == 001)
{ print "Pack:South";$newbal=$newbal-10;}
if($sid == 002){ print "Pack:Middle";
$newbal=$newbal-18;}if($sid == 003){ print "Pack:North";
    $newbal=$newbal-14;}
print "<br>Available balance:$newbal<br>";
use DBI;
my $dbh = DBI->connect("DBI:ODBC:xxx") or die $DBI::errstr;
$ennd=localtime(time +28*24*60*60);
$strt=localtime();
print "Subscription start:$strt";
print "<br>Subscription end:$ennd";
$stmt ="UPDATE data SET bal=?,pid=?,start=?,end=? WHERE username=?";
$sth=$dbh->prepare($stmt) || die $DBI::errstr;
$sth->execute($newbal,$sid,$strt,$ennd,$name) or die $DBI::errstr;
$sth->finish();
```

## SCREENSHOT OF SUBSCRIPTION PAGE:





**SCREENSHOT OF MS ACCESS:**



**RESULT:**

Hence the webpage for DTH page is designed.