**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 registeration </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 Bypasss road,<br>

Velacheri, Chennai-600028, <br>

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

</body>

</html>

ADVERTISEMENT:

<html>

<head>

<title> Advertisement </title>

</head>

<body>

<img src="ad.jpg" alt="ad Icon" style="width:233px;height:500px;">

</body>

</html>

**USER REGISTERATION PAGE:**

<html>

<head>

<title>Registeration form </title>

</head>

<body style="background-image:url(data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAAY0AAAB/CAMAAAAkVG5FAAAAwFBMVEX////zWiHzVxvzVRbzUgz+8/DzWB75r5fyTQDzVBH82cz7yLXzVhr1dkjzVRXyUAT95t35t6X1fE782dL/+fj1bTn7w7D83dP0Yin1bz/2glj4p5D5s6P+7eb2h2LzXR/7z7/bdVMx2DSMFmbffarmTjVgsg+qnGYowhYfEBr1jnoTzxImqD1IQA4ptAP5cmUrSBtSxvXp93c9nBet56fu1uynWLvJleqG+e101b13W7OZ91lxe7HjAJglvz9975Xy/9JFjudw9G7dldbe8Rdjopt2bT7UQc9K5z/bWmCcYeQvQM0oxer1qt9i4wFGH8H6l+ysi4B1aiAAAAAElFTkSuQmCC); background-position: 50% 75%; background-repeat:no-repeat;">

<h1>Welcome to new user registeration 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 subscriptuon 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>

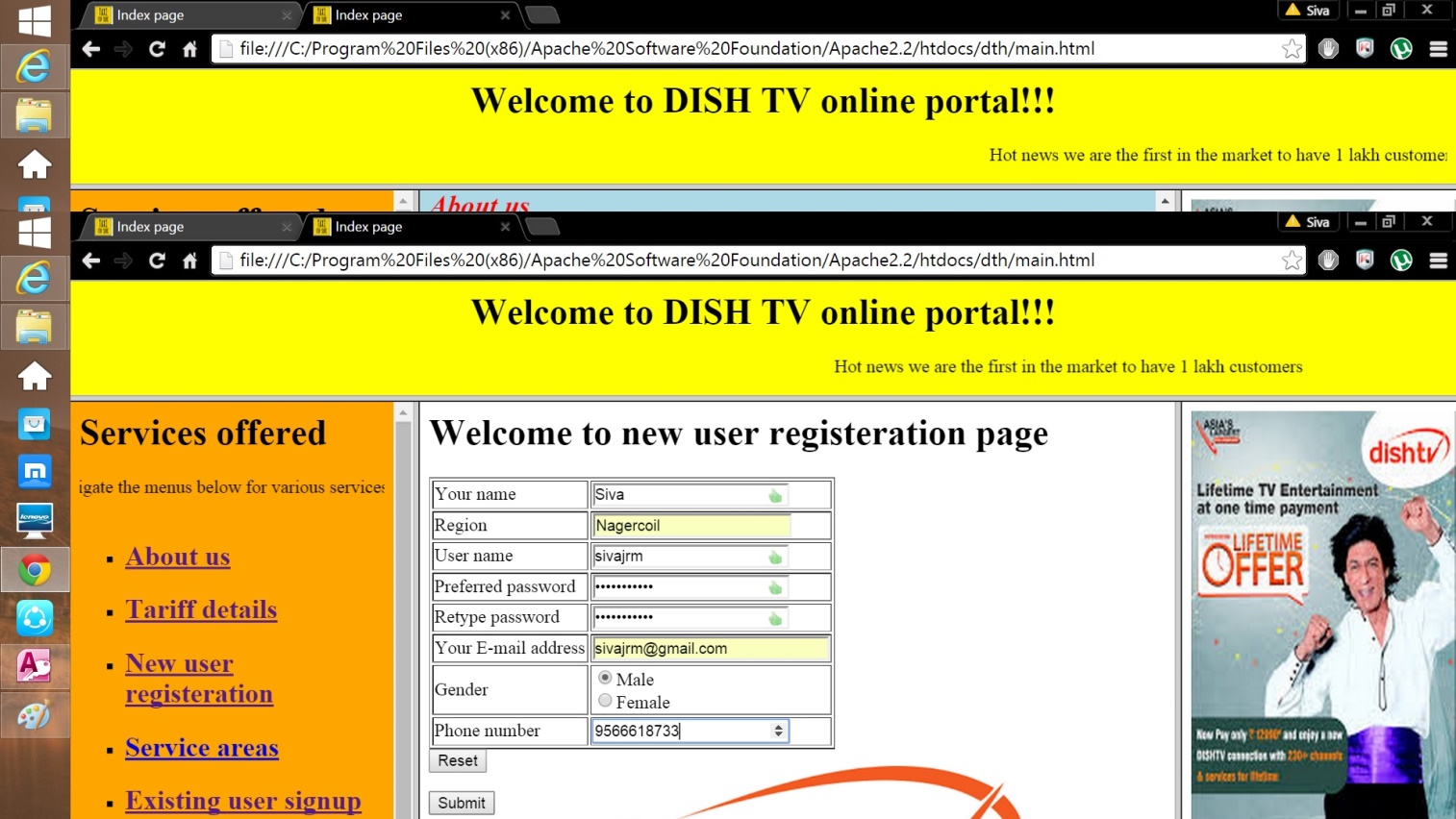
</tr><tr><td align="center">South</td><td align="center">Sun tv, Siripoli tv, Sun news, Asianet, Pothigai</td><td align="center">$10</td>

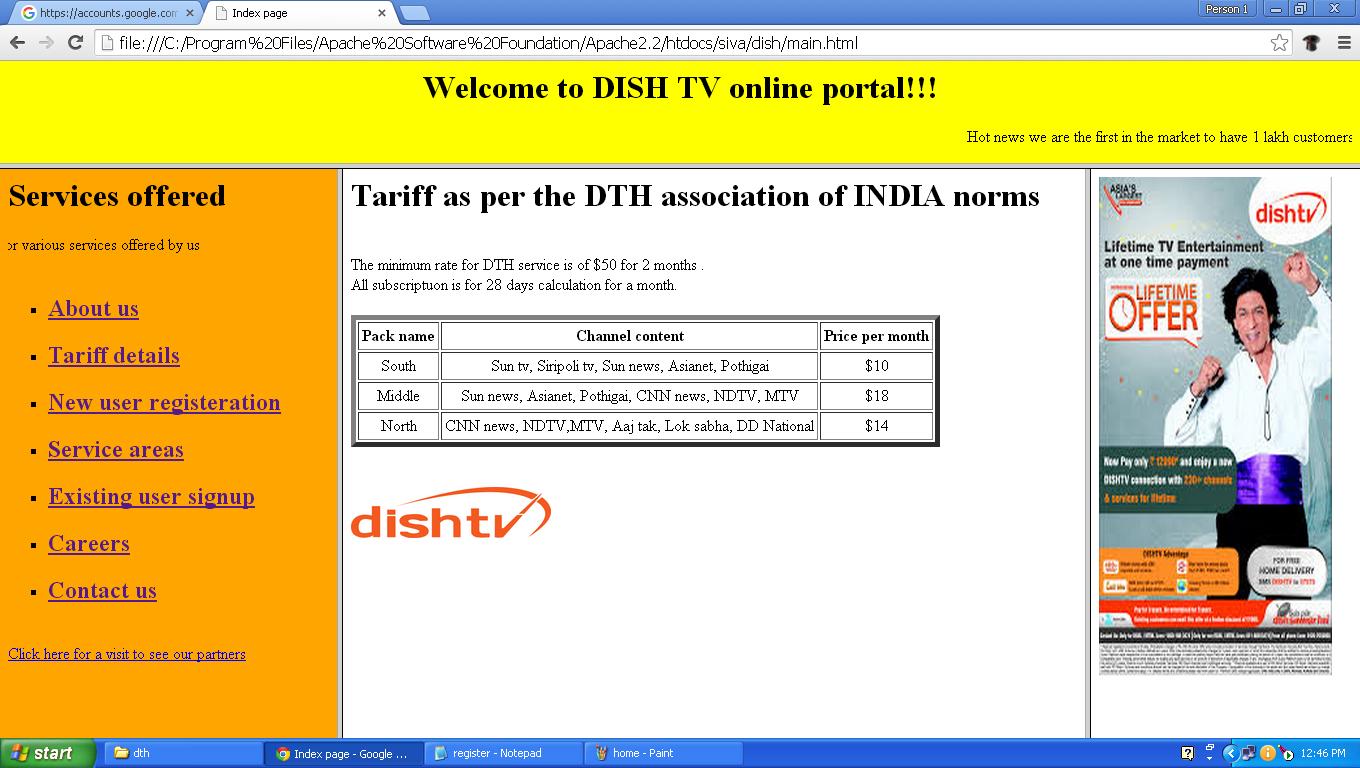
</tr><tr><td align="center">Middle</td><td align="center">Sun news, Asianet, Pothigai, CNN news, NDTV, MTV</td><td align="center">$18</td></tr>

<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><img src="C:\Program Files\Apache Software Foundation\Apache2.2\htdocs\siva\dish\download.png" alt="HTML5 Icon" style="width:200px;height:51px;"></body></html>

**SCREENSHOT OF NEW USER REGISTERATION PAGE:**

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**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/CAMAAAAkVG5FAAAAwFBMVEX////zWiHzVxvzVRbzUgz+8/DzWB75r5fyTQDzVBH82cz7yLXzVhr1dkjzVRXyUAT95t35t6X1fE782dL/+fj1bTn7w7D83dP0Yin1bz/2glj4p5D5s6P+7eb2h2LzXR/7z7/slMow5Ex095JrouFos9B8GX170y4jqnAPSfz1ZVckG+ +ysi4B1aiAAAAAElFTkSuQmCC); 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>

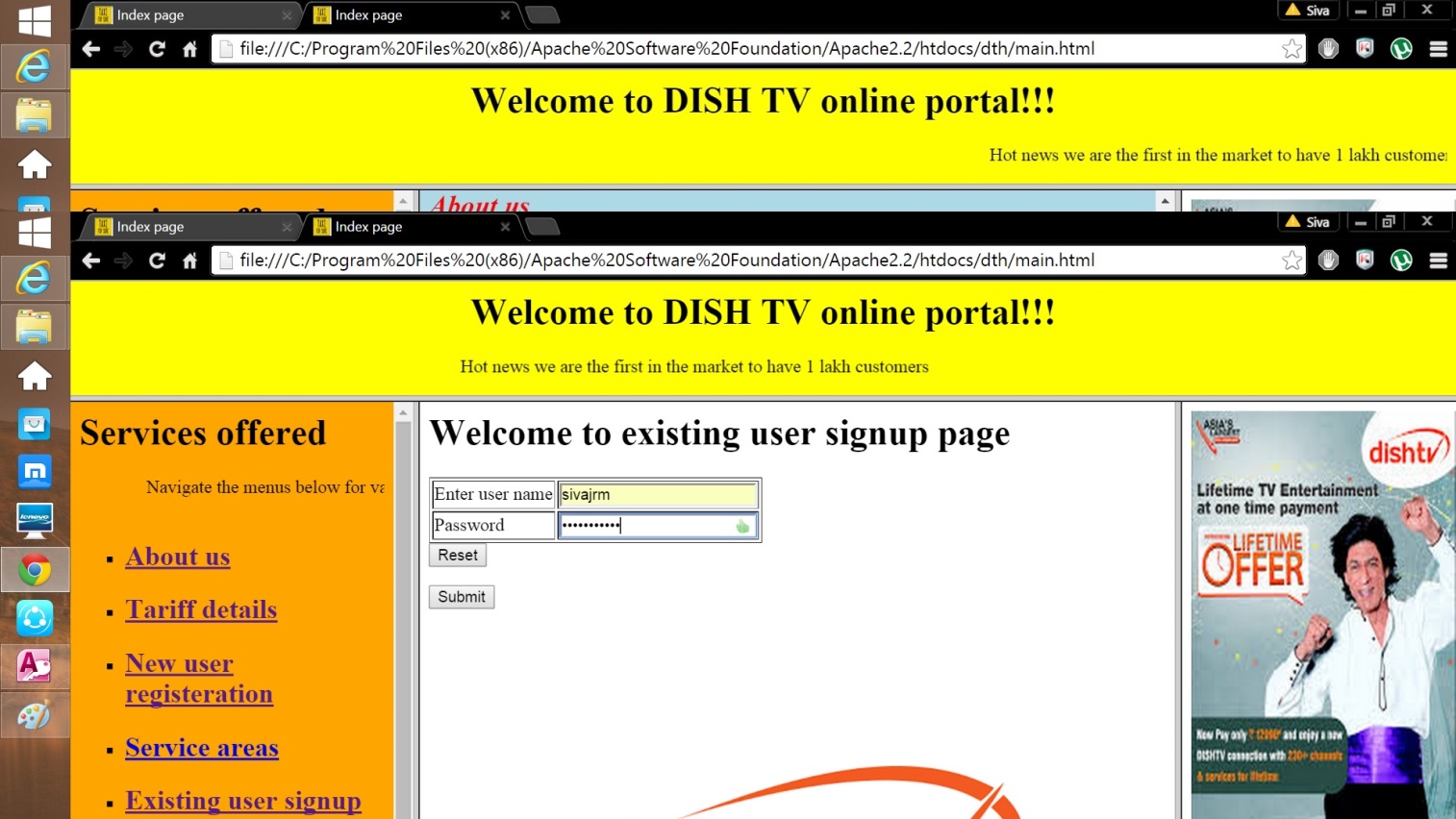
</TR>

<style type="text/css"> input:required:invalid, input:focus:invalid { background-image: url(data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAABAAAAAQCAYAAAAf8/AMOzQHDeqaij7Cd8Dt8CatGhX3iWxgtFW/m29pnUjR7TSQcRCIAVW1FSr6KAVYdi+5Pj8yunviYHq7f72po3Y9dbi7CxzDO1+duzCXH9cEPAQYAhJELY/AqBtwAAAAASUVORK5CYII=); background-position: right top; background-repeat: no-repeat; } </style>

</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');

$nname=$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>";

}

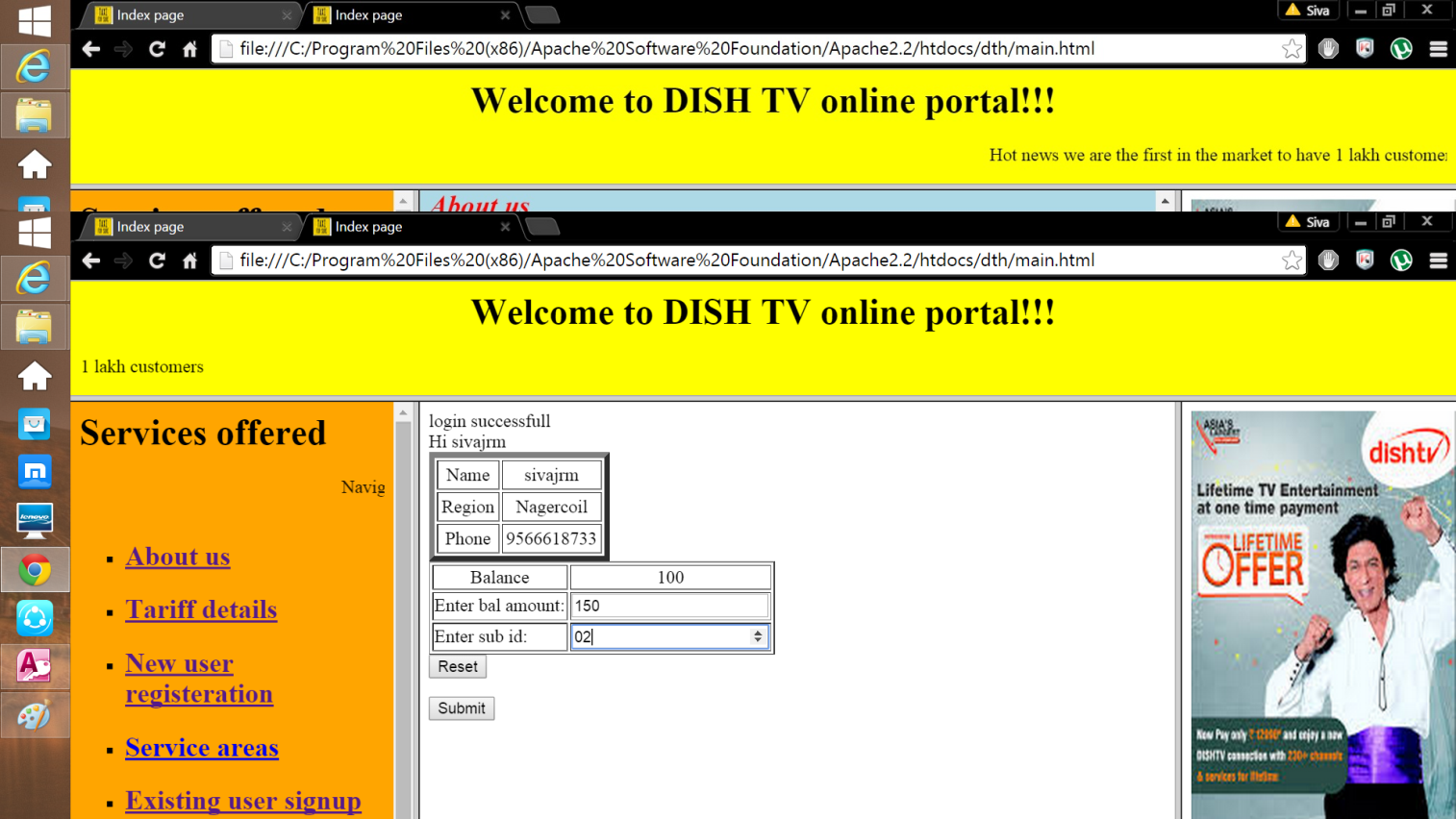
$sth->finish();

my $sth = $dbh->prepare("INSERT INTO DATA(username,pass,name,region,phone,bal) values(?,?,?,?,?,?)");

$sth->execute($name,$pass,$nname,$region,$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";

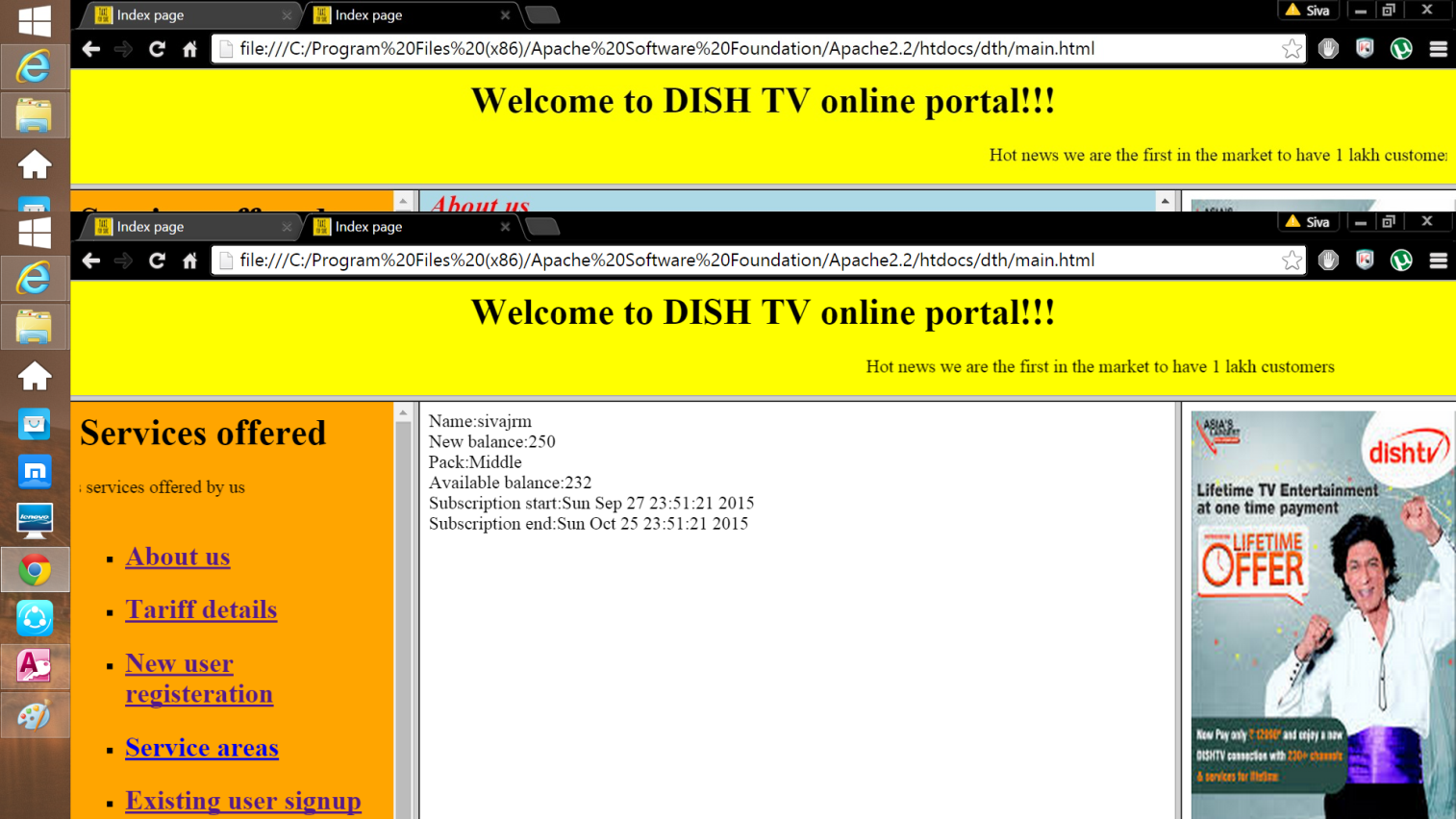
print "<br>Subscription end:$ennd";

$stmt ="UPDATE data SET bal=?,pid=?,start=?,end=? WHERE username=?";

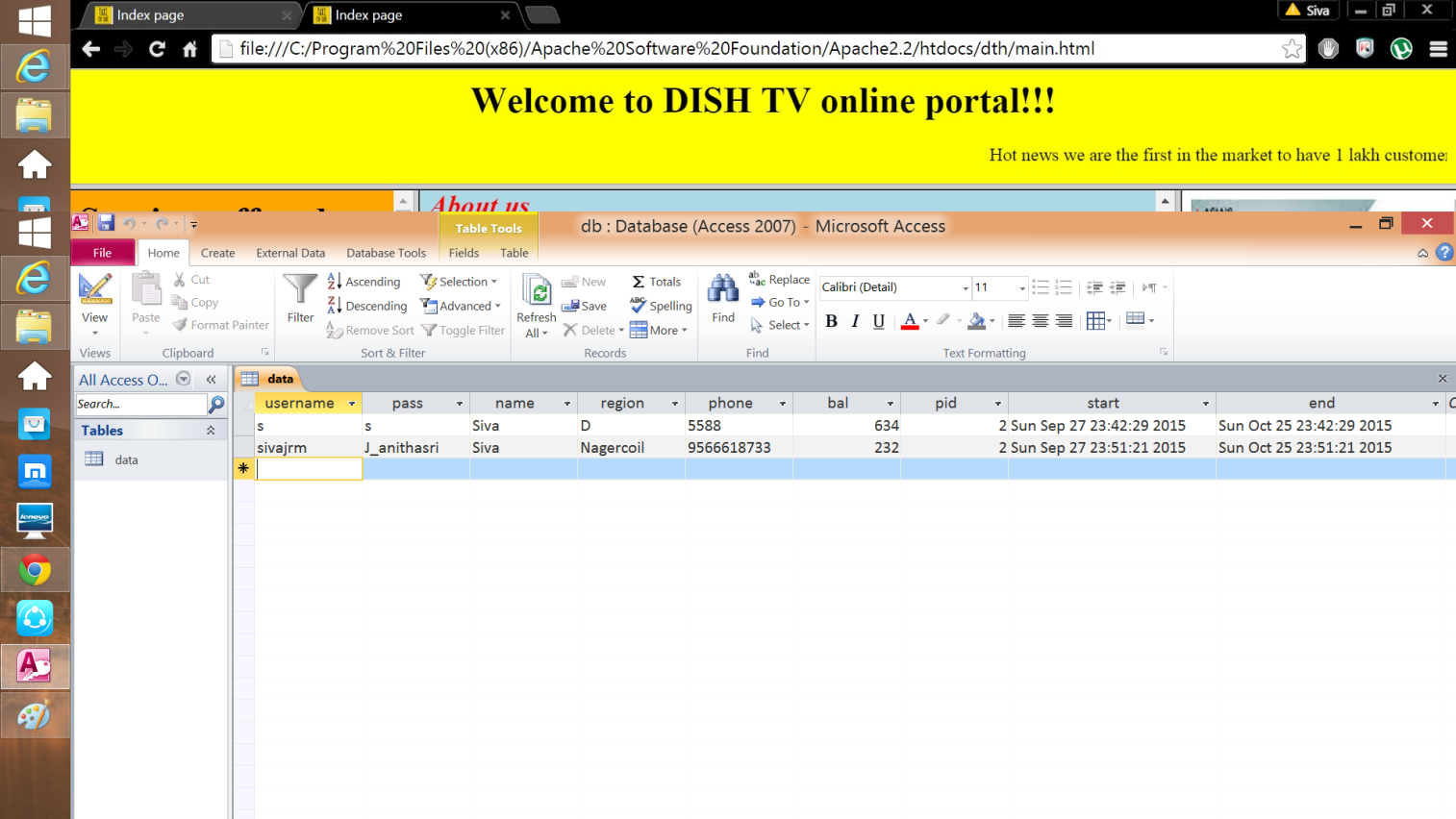
$sth=$dbh->prepare($stmt) || die $DBI::errstr;

$sth->execute($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.