BANK MANAGEMENT SYSTEM USING GITHUB

AIM:

The Bank Management System project aims at managing the records from the applying of loan till the approval of loan. It makes the process of applying for loan easier for the user and the administrator It attempts to identify and know about the loan sanctioning work and lending procedures in a bank. It provides a good interaction between the bank admin and the customers.

INTRODUCTION:

PURPOSE:

The main purpose of developing this application is to replace the tedious manual loan application and approval method by a convenient online method. It maintains the records efficiently. It decreases the possibility of human errors in the process of loan application and the unnecessary delays.

PROJECT SCOPE:

In this loan management system, the admin will able to create several groups and allot loan for the groups. The groups may be of different kinds. The categories of groups are, men only, women only, both men and women, group of students. Each group will be given a unique id, name, their maximum loan amount, reason for loan, the due period and their due amount per month. The admin is the solemn responsible for creating groups, adding people, allocating loan. In the payment page, their loan details and their due will be shown. They can also see their payment history.

PROJECT FEATURES:

- The Loan Management System provides a scalable and centralised support.
- It provides integrated servicing functionalities for the customers.
- It provides a mobile friendly ecosystem for the user.
- All the process in this web application are safe.

SYSTEM USER:

The system users of this Loan Application System are:

1) 1.Customers
2) 2.Admin

ADMIN MODULE:

- The admin can create the groups and provide group details.
- The admin can allot required loan for a group.
- The admin creates the loan details and lend loan to groups.
- The admin can add members to group.
- The admin can update the members of group.
- The admin can view the payment history of groups.

CUSTOMER MODULE:

- The customer can view his/her group details.
- The customer can update his/her details.
- The user can view his loan details and the due amount.
- The customer can pay his/her loan due.
- The customer can view his payment history

OPERATING ENVIRONMENT:

The operating system environment for Loan Management System are:

Operating system: Windows 10
Front end: HTML, CSS, JAVASCRIPT
Back end: PHP
Database: MYSQL

DESIGN IMPLEMENTATION:
CODE:

INDEX:

```
<?php  session_start();
include('../connection.php');
$admin= $_SESSION['admin'];
if($admin=="")
{
header('location:../index.php');
}
?>
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <!-- The above 3 meta tags *must* come first in the head; any other head content must come *after* these tags -->
    <body>

    <nav class="navbar navbar-inverse navbar-fixed-top" style="background:#f5f5f5;borderbottom:1px solid #eee;
">
      <div class="container-fluid">
        <div class="navbar-header">
          <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" datatarget="#navbar" aria-expanded="false"
aria-controls="navbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
          </button>
          <a class="navbar-brand" href="#">Welcome Admin !</a>
        </div>
        <div id="navbar" class="navbar-collapse collapse">
          <ul class="nav navbar-nav navbar-right">

            <li><a href="logout.php">Logout</a></li>
          </ul>
          <!--<form class="navbar-form navbar-right">
            <input type="text" class="form-control" placeholder="Search...">          </form>-->
        </div>
      </div>
    </nav>

<li><a href="index.php?page=update_password"><span class="glyphicon glyphiconlock"></span> Update Password</a></li>
    <li><a href="index.php?page=display_group"><span class="glyphicon glyphiconuser"></span>  Groups</a></li>
 <li><a href="index.php?page=display_member"><span class="glyphicon glyphiconuser"></span>  Members</a></li>
```

```
        <li><a href="index.php?page=display_loan"><span class="glyphicon glyphiconeuro"></span> Loan</a></li>
        <li><a href="index.php?page=display_payment_history"><span class="glyphicon glyphicon-wrench"></span> Payment History</a></li>

                                    if($page=="display_member")
                                {
                                            include('display_member.php');

}
                                    if($page=="search_member")
                                {
                                            include('search_member.php');

                                }
```

```
}

if($page=="add_loan")
{
                    include('add_loan.php');

}

if($page=="display_loan")
{
                    include('display_loan.php');

}

if($page=="search_loan")
{
                    include('search_loan.php');

}

if($page=="update_loan_record")
{
                        include('update_loan_record.php');

}

if($page=="display_payment_history")
{
                        include('display_payment_history.php');

}

if($page=="add_payment_history")
{
                        include('add_payment_history.php');

}

if($page=="update_password")
{
                        include('update_password.php');

}



}
        else
                {
                  include('dashboard.php');

                }
```

```
                    ?>


        </div>
      </div>
    </div>

    <!-- Bootstrap core JavaScript
    ================================================== -->
    <!-- Placed at the end of the document so the pages load faster -->
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
    <script>window.jQuery || document.write('<script
src="../js/vendor/jquery.min.js"><\/script>')</script>
    <script src="../js/bootstrap.min.js"></script>
    <!-- Just to make our placeholder images work. Don't actually copy the next line! -->
    <script src="../js/vendor/holder.min.js"></script>
    <!-- IE10 viewport hack for Surface/desktop Windows 8 bug -->
    <script src="../js/ie10-viewport-bug-workaround.js"></script>
```

</body>

```
</html>
```

ADD GROUP:

```
<?php
extract($_POST);
if(isset($save))
{

$sql=mysqli_query($conn,"select * from groups where group_name='$g_name' or
registration_number='$reg_no'");
$r=mysqli_num_rows($sql);
if($r!=true)
                    {
                        mysqli_query($conn,"insert into groups
values('','$g_name','$region','$district','$division','$ward','$village','$reg_no','$activity','$categ
ory','$members','$leader','$loan','$capital',now())");

$err="<font color='blue'>Congrates new Group added successfully</font>";
                    }

                    else
                    {

          $err="<font color='red'>This Group name or Registration number already exists choose
diff group name</font>";


          }
}

?>
<script src="add_group.js"></script>
<h2 style="color:#00FFFF;text-decoration:underline;" align="center">Add New Group</h2>
<form method="post">
```

```
        </div>

            <div class="row" style="margin-top:10px">
                    <div class="col-sm-4">Loan Information</div>
                  <div class="col-sm-5">
                     <input type="text" class="form-control" name="loan"  />
                </div>
        </div>

            <div class="row" style="margin-top:10px">
                    <div class="col-sm-4">Group Capital</div>
                  <div class="col-sm-5">
 <input type="text" pattern="[0-9]*" class="form-control" name="capital"  required/>
                </div>
        </div>



            <div class="row" style="margin-top:10px">
                    <div class="col-sm-4">Select Region</div>
                  <div class="col-sm-5">
 <select onchange="showDistrict(this.value)"  name="region" class="formcontrol" required>
                            <option value="">Select Region</option>
                          <?php
$region=mysqli_query($conn,"select * from region");
while($reg1=mysqli_fetch_assoc($region)) {?>
<option value="<?php echo $reg1['region_id'];?>"><?php echo
$reg1['region_name'];?></option>
<?php
}
                            ?>
                </select>
                </div>
        </div>

            <div class="row" style="margin-top:10px">
                    <div class="col-sm-4">Select District</div>
                  <div class="col-sm-5">
 <select name="district" onchange="showDivision(this.value)" id="district" class="form-control" >
                            <option value="">Select District</option>
                </select>
                </div>
        </div>

            <div class="row" style="margin-top:10px">
                    <div class="col-sm-4">Select Division</div>
                  <div class="col-sm-5">
 <select name="division" onchange="showWard(this.value)"  id="division" class="form-control" >
                            <option value="">Select Division</option>
                </select>
                </div>
        </div>

            <div class="row" style="margin-top:10px">
                    <div class="col-sm-4">Select Ward</div>
                  <div class="col-sm-5">
 <select name="ward" onchange="showVillage(this.value)" id="ward" class="form-control" >
```

```
                                <option value="">Select Ward</option>
                        </select>                       </div>
                </div>

                    <div class="row" style="margin-top:10px">
                            <div class="col-sm-4">Select Village</div>
                          <div class="col-sm-5">
                              <select name="village" id="village"  class="form-control" >
                                    <option value="">Select Village</option>
                           </select>
                           </div>
                </div>

                    <div class="row" style="margin-top:10px">
                            <div class="col-sm-2"></div>
                          <div class="col-sm-8">


<input type="submit" value="Add New Group" name="save" class="btn btn-success"/>
                              <input type="reset" class="btn btn-success"/>
                           </div>
                </div>
</form>
```

ADD GROUP MEMBER:

```
<?php  extract($_POST); if(isset($save))
{

                if($fn=="" || $ln=="" || $group=="" || $gen=="")
            {
                  $err="<font color='red'>fill all the fileds first</font>";
            }
            else
            {
$sql=mysqli_query($conn,"select * from member where first_name='$fn' and group_id='$group'");
$r=mysqli_num_rows($sql);
                    if($r!=true)
                    {
                        mysqli_query($conn,"insert into member
values('','$fn','$ln','$gen','$group',now())");

$err="<font color='blue'>Congrates new member added successfully</font>";
                    }
                    else
                    {

                  $err="<font color='red'>This member and Group already exists</font>";

                    }
            }
}

?>
<h2>Add New Member</h2>
<form method="post">

              <div class="row">
                            <div class="col-sm-4"></div>
```

```
                    <div class="col-sm-4"><?php echo @$err;?></div>
            </div>



                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Enter Member First Name</div>
                    <div class="col-sm-5">
                        <input type="text" name="fn" class="form-control" required/></div>
            </div>

                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Enter Member Last Name</div>
                    <div class="col-sm-5">
                        <input type="text" name="ln" class="form-control" /></div>
            </div>

                <div class="row" style="margin-top:10px">
                      <div class="col-sm-4">Select Group</div>
                    <div class="col-sm-5">
                        <select name="group" class="form-control" required>
                                <option value="">Select Group</option>
                            <?php
$q1=mysqli_query($conn,"select * from groups"); while($r1=mysqli_fetch_assoc($q1))
{
echo "<option value='".$r1['group_id']."'>".$r1['group_name']."</option>"; }
                            ?>
                    </select>
                    </div>
            </div>


                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Select Member Gender</div>
                    <div class="col-sm-5">
                        Male <input type="radio" name="gen" value="m" required/>
                 Female <input type="radio" name="gen" value="f" />
                    </div>
            </div>


                <div class="row" style="margin-top:10px">
                     <div class="col-sm-2"></div>
                    <div class="col-sm-8">


<input type="submit" value="Add New Member" name="save" class="btn btn-success"/>
                        <input type="reset" class="btn btn-success"/>
                    </div>
            </div>
</form>
```

ADD LOAN:

```
<?php  extract($_POST); if(isset($save))
{

                if($source=="" || $amount=="" || $group=="" || $payment=="" || $due=="")
            {
```

```
                $err="<font color='red'>fill all the fileds first</font>";
            }
            else
            {
                $err="<font color='red'>Loan already allotted to this Group</font>";

                }
            }
}

?>
<h2 align="center" style="color:#00FFFF;text-decoration:underline">Allowt Loan</h2> <form method="post">

              <div class="row">
                        <div class="col-sm-4"></div>


                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Loan Source</div>
                      <div class="col-sm-5">
                         <select name="source" class="form-control" required>
                                 <option value="">Select Loan COming Source</option>
                              <option>Government</option>
                              <option>Council</option>
                     </select>
                     </div>
            </div>


                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Original Amount</div>
                      <div class="col-sm-5">
  <input type="number" id="original" name="amount" class="form-control" required/></div>
            </div>



                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Loan Intereset(%)</div>
                      <div class="col-sm-5">
                    <input type="text" name="intereset" id="interest" value="10" readonly="true" class="form-control"
required/></div>
            </div>


            </div>

                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Total Paid(With Intereset)</div>
                      <div class="col-sm-5">
  <input type="text" id="total_paid" name="total_paid" class="form-control" readonly/></div>
            </div>

                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Pay Every Month(Emi Per Month)</div>
                      <div class="col-sm-5">
                    <input type="text" id="emi_per_month" name="emi_per_month" class="form-control" readonly/></div>
            </div>
```

```
                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Payment Schedule</div>
                      <div class="col-sm-5">
                    <input type="date" name="payment" min="2016-01-01" class="form-control"  required/>

                     </div>
            </div>


                <div class="row" style="margin-top:10px">
                        <div class="col-sm-2"></div>
                      <div class="col-sm-8">


<input type="submit" value="Allowt New Loan" name="save" class="btn btn-success"/>
                        <input type="reset" class="btn btn-success"/>
                    </div>
            </div>
</form>
```

ADD PAYMENT HISTORY:

```
<?php  extract($_POST); if(isset($save))
{
                        mysqli_query($conn,"insert into payment_history
values('','$group','$amount',now())");

$err="<font color='blue'>Congrates New Payment added </font>"; }

?>

<script>
function showLoanDetails(data)
{


xmlhttp.onreadystatechange=function()
{
if (xmlhttp.readyState==4 && xmlhttp.status==200)
{
document.getElementById("loandetails").innerHTML=xmlhttp.responseText; }
}
//alert(data);
xmlhttp.open("GET","show_group_ajax.php?loan_details="+data,true); xmlhttp.send();
}
</script>

                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Select Group</div>
                      <div class="col-sm-5">
  <select name="group" onchange="showLoanDetails(this.value)" class="formcontrol" required>
                            <option value="">Select Group</option>
                          <?php
$q1=mysqli_query($conn,"select * from groups"); while($r1=mysqli_fetch_assoc($q1))
{
echo "<option value='".$r1['group_id']."'>".$r1['group_name']."</option>"; }
```

```
                        ?>
                    </select>
                    </div>
            </div>


                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Loan Intereset(%)</div>
                      <div class="col-sm-5">
                    <input type="text" name="intereset" id="interest" readonly="true" class="form-control" required/></div>
            </div>

            <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Term of Payment(In Year)</div>
                      <div class="col-sm-5">
                    <input type="text" readonly="true"  name="payment_term" id="payment_term" class="form-control" >


                    </div>
            </div>

                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Pay Every Month(Emi Per Month)</div>
                      <div class="col-sm-5">
                    <input type="text" readonly="true" id="emi_per_month" name="emi_per_month" class="form-control"
readonly/></div>
            </div>
            </div>

                <div class="row" style="margin-top:10px">
                        <div class="col-sm-2"></div>
                      <div class="col-sm-8">


<input type="submit" value="Add New Payment" name="save" class="btn btn-success"/>
                        <input type="reset" class="btn btn-success"/>
                    </div>
            </div>
</form>
```

DELETE GROUP:

```
<?php
include('../connection.php');

mysqli_query($conn,"delete from loan where group_id='".$_GET['id']."'");

mysqli_query($conn,"delete from member where group_id='".$_GET['id']."'");

mysqli_query($conn,"delete from groups where group_id='".$_GET['id']."'");

header('location:index.php?page=display_group');

?>
```

DELETE GROUP MEMBER:

```
<?php
```

```
include('../connection.php');


$q=mysqli_query($conn,"delete from member where member_id='".$_GET['id']."'");

header('location:index.php?page=display_member');

?>
```

DELETE LOAN RECORD:

```
<?php
include('../connection.php');


mysqli_query($conn,"delete from loan where loan_id='".$_GET['id']."'");

header('location:index.php?page=display_loan');

?>
```

DELETE PAYMENT RECORD:

```
<?php
include('../connection.php');


mysqli_query($conn,"delete from payment_history where payment_id='".$_GET['id']."'");

header('location:index.php?page=display_payment_history');

?>
```

DISPLAY GROUP:

```
<?php
$q=mysqli_query($conn,"select * from groups");
$rr=mysqli_num_rows($q);
if(!$rr) {
echo "<h2 style='color:red'>No any Group exists !!!</h2>";
echo "<a style='text-decoration:underline' href='index.php?page=add_group'>Add New Group ?</a>";
} else {
?>
<script>
            function DeleteGrop(id)
        {
                    if(confirm("You want to delete this Group ?"))
                {
                     window.location.href="delete_group.php?id="+id;
                }
        }
</script>
<h2 style="color:#00FFCC">All Groups</h2>

<table class="table table-bordered">
```

```
                        <td colspan="16"><a href="index.php?page=add_group">Add New
Group</a></td>
            </tr>
              <Tr class="active">
                        <th>Sr.No</th>
                         <th>Group Name</th>
                        <th>Region</th>

                         <!--<th>Update</th>-->
            </Tr>
                       <?php
        error_reporting(1);
        $rec_limit =10;

        /* Get total number of records */

                              $sql = "SELECT count(group_id) FROM groups ";
        $retval = mysqli_query($conn,$sql);
              if(! $retval )
                        {
          die('Could not get data: ' . mysqli_error());
        }
        $row = mysqli_fetch_array($retval, MYSQL_NUM );
        $rec_count = $row[0];
                              while($row = mysqli_fetch_array($retval, MYSQL_ASSOC))
                        {

          echo "<Tr>";
echo "<td>".$inc."</td>";
echo "<td>".$row['group_name']."</td>";


echo "<td>".$row['registration_number']."</td>"; echo
"<td>".$row['group_activity']."</td>"; echo
"<td>".$row['group_category']."</td>"; echo
echo "<td>".$row['group_capital']."</td>";


?>

<Td><a href="javascript:DeleteGrop('<?php echo $row['group_id']; ?>')" style='color:Red'><span class='glyphicon glyphicon-
trash'></span></a></td>


<?php

echo "</Tr>";
$inc++;
}
</table>
```

DISPLAY LOAN:

```
<?php
$q=mysqli_query($conn,"select * from loan");
$rr=mysqli_num_rows($q); if(!$rr) {
echo "<h2 style='color:red'>No any Loan Records exists !!!</h2>";
```

```
echo "<a style='text-decoration:underline' href='index.php?page=add_loan'>Allot New Loan ?</a>"; } else {
?>
style="color:#00FFCC;text-
decoration:underline"
align="center">All Loan Details</h2>

            <tr>
                        <td colspan="12">

                       <a title="Add New Loan Records" href="index.php?page=add_loan"><span class="glyphicon glyphicon-
plus"</a>
                           

                       <a title="Print all Loan Records" href="print_loan_record.php"><span class="glyphicon glyphicon-print"</a>

                        </td>
            </tr>
              <Tr class="active">
                        <th>Sr.No</th>
                         <th>Group Name</th>
                         <th>Update</th>
            </Tr>
                       <?php
        error_reporting(1);
        $rec_limit =10;

        /* Get total number of records */

                              $sql = "SELECT count(loan_id) FROM loan ";

        $left_rec = $rec_count - ($pagi * $rec_limit);          $sql = "SELECT * ".
"FROM loan ".
          "LIMIT $offset, $rec_limit";

        $retval = mysqli_query($conn, $sql);

        if(! $retval )
                           {
          die('Could not get data: ' . mysqli_error());
        }

        $inc=1;

"<td>".$row['loan_amount']."</td>"; echo
?>

<Td><a href="javascript:Deleteloan('<?php echo $row['loan_id']; ?>')" style='color:Red'><span class='glyphicon glyphicon-
trash'></span></a></td>

<Td><a href="index.php?page=update_loan_record&loan_id=<?php echo $row['loan_id'];
?>" style='color:green'><span class='glyphicon glyphicon-edit'></span></a></td>
<?php

echo "</Tr>";
$inc++;
}
```

```
//for shoing Pagination

echo "<tr><td colspan='12'>";
if( $pagi > 0 )
 {
       $last = $pagi - 2;
?>

</table>
<?php }?>
```

DISPLAY MEMBER:

```
<?php
$q=mysqli_query($conn,"select * from member");
$rr=mysqli_num_rows($q);
if(!$rr) {
echo "<h2 style='color:red'>No any Group Member exists !!!</h2>";
echo "<a style='text-decoration:underline' href='index.php?pagi=add_group_member'>Add
New Member ?</a>";}
else {
?>
<script>
            function DeleteMember(id)
        {
                    if(confirm("You want to delete this Member ?"))
                {
                     window.location.href="delete_group_member.php?id="+id;
                }
        }
</script>
<h2 style="color:#00FFCC">All Group Members</h2>

<table class="table table-bordered">
        <tr>
                    <form method="post" action="index.php?page=search_member">
                <td colspan="4">
               </form>
        </tr>
        <tr>
                                    <td colspan="8"><a href="index.php?page=add_group_member">Add New
Member</a></td>
        </tr>
          <Tr class="active">
                <th>Sr.No</th>
                 <th>First Name</th>

        </Tr>
                <?php
    error_reporting(1);
    $rec_limit =10;

    /* Get total number of records */
```

```
                        $sql = "SELECT count(member_id) FROM member ";
        $retval = mysqli_query($conn,$sql);
                if(! $retval )
                        {
          die('Could not get data: ' . mysqli_error());
        }
        $row = mysqli_fetch_array($retval, MYSQL_NUM );
        $rec_count = $row[0];


        $left_rec = $rec_count - ($pagi * $rec_limit);          $sql = "SELECT * ".
"FROM member ".
          "LIMIT $offset, $rec_limit";

        $retval = mysqli_query($conn, $sql);
                if(! $retval )
                        {
          die('Could not get data: ' . mysqli_error());
        }

        $inc=1;
                                while($row = mysqli_fetch_array($retval, MYSQL_ASSOC))
                        {

          echo "<Tr>"; echo "<td>".$inc."</td>"; echo
$r1=mysqli_fetch_assoc($q1);

echo "<td>".$r1['group_name']."</td>";
echo "<td>".$row['join_date']."</td>";



?>

<Td><a href="javascript:DeleteMember('<?php echo $row['member_id']; ?>')" style='color:Red'><span class='glyphicon
glyphicon-trash'></span></a></td>
<?php

echo "</Tr>";
$inc++;
}
 //for shoing Pagination

echo "<tr><td colspan='8'>";
if( $pagi > 0 )
 {
        $last = $pagi - 2;
                                else if( $left_rec < $rec_limit ) {
          $last = $pagi - 2;
          echo "<a href = \"index.php?page=display_member&pagi=$last\">Last 10 Records</a>";
        }
       echo "</td></tr>";
                        ?>

</table>
<?php }?>
```

DISPLAY PAYMENT HISTORY:

```
<?php
$q=mysqli_query($conn,"select * from loan");
$rr=mysqli_num_rows($q);
if(!$rr) {
echo "<h2 style='color:red'>No any Payment Records found !!!</h2>";
echo "<a style='text-decoration:underline' href='index.php?page=add_loan'>Add  New Payment Record ?</a>";
} else {
?>
<h2 style="color:#00FFCC;text-decoration:underline" align="center">All Payment
Records</h2>

"); while($r1=mysqli_fetch_assoc($q1))
{
echo "<option value='".$r1['group_id']."'>".$r1['group_name']."</option>"; }
                                    ?>
                                </select>
                                </td>

                                 <td colspan="6">

                                    <a title="Add New Payment Records"
href="index.php?page=add_payment_history"><span class="glyphicon glyphicon-plus"</a>
                                    

                                <a title="Print all Loan Records" href="print_loan_record.php"><span class="glyphicon glyphicon-print"</a>

                                </td>

                                <?php
        error_reporting(1);
        $rec_limit =10;

        /* Get total number of records */

                                        $sql = "SELECT count(payment_id) FROM payment_history ";
        $retval = mysqli_query($conn,$sql);

        if(! $retval )
                                 {
          die('Could not get data: ' . mysqli_error());
        }
        $row = mysqli_fetch_array($retval, MYSQL_NUM );
        $rec_count = $row[0];

        if( isset($_GET{'pagi'} ) ) {            $pagi = $_GET{'pagi'}
+ 1;
          $offset = $rec_limit * $pagi ;
        }else {
          $pagi = 0;
          $offset = 0;
        }


        $left_rec = $rec_count - ($pagi * $rec_limit);          $sql = "SELECT * ".
"FROM payment_history ".
```

```
          "LIMIT $offset, $rec_limit";

        $retval = mysqli_query($conn, $sql);

        if(! $retval )
                        {
          die('Could not get data: ' . mysqli_error());
        }

        $inc=1;
                                while($row = mysqli_fetch_array($retval, MYSQL_ASSOC))
                        {

         echo "<Tr>";
echo "<td>".$inc."</td>";


$q1=mysqli_query($conn,"select * from groups where group_id='".$row['group_id']."'");
$r1=mysqli_fetch_assoc($q1);

echo "<td>".$r1['group_name']."</td>";

echo "<td>".$row['amount_paid']."</td>";
echo "<td>".$row['payment_date']."</td>";




?>

<Td><a href="javascript:Deleteloan('<?php echo $row['payment_id']; ?>')" style='color:Red'><span class='glyphicon glyphicon-
trash'></span></a></td>

<Td><a href="index.php?page=update_loan_record&loan_id=<?php echo $row['loan_id'];
?>" style='color:green'><span class='glyphicon glyphicon-edit'></span></a></td>

<?php

echo "</Tr>";
$inc++;
}
//for shoing Pagination

echo "<tr><td colspan='6'>";
if( $pagi > 0 )
 {
        $last = $pagi - 2;
     echo "<a href = \"index.php?page=display_payment_history&pagi=$last\">Last 10 Records</a> |";
          echo "<a href = \"index.php?page=display_payment_history&pagi=$last\">Last 10 Records</a>";
        }
       echo "</td></tr>";
                        ?>

</table>
<?php }?>
```

SEARCH GROUP:

```
<?php
$search=$_POST['searchGroup'];
$q=mysqli_query($conn,"select * from groups where group_name='$search' or   registration_number='$search'");
$rr=mysqli_num_rows($q); if(!$rr) {
echo "<h2 style='color:red'>No any Records exists !!!</h2>";
} else {
?>
<script>
            function DeleteGrop(id)
        {
                    if(confirm("You want to delete this Group ?"))
                {
                     window.location.href="delete_group.php?id="+id;
                }
        }
</script>


$i=1;
while($row=mysqli_fetch_assoc($q))
{

echo "<Tr>"; echo "<td>".$i."</td>"; echo "<td>".$row['group_name']."</td>";
echo "<td>".$row['region']."</td>"; echo "<td>".$row['district']."</td>"; echo
"<td>".$row['division']."</td>"; echo "<td>".$row['ward']."</td>"; echo
"<td>".$row['village']."</td>"; echo "<td>".$row['group_capital']."</td>";
?>

<Td><a href="javascript:DeleteGrop('<?php echo $row['group_id']; ?>')" style='color:Red'><span class='glyphicon glyphicon-
trash'></span></a></td> <!--<Td><a href="index.php?page=update_group" style='color:green'><span class='glyphicon
glyphicon-edit'></span></a></td>-->

<?php  echo "</Tr>";
$i++;
}
                    ?>

</table>
<?php }?>
```

SEARCH LOAN:

```
<?php
$search=$_POST['seachLoan'];
//echo $search;
$q=mysqli_query($conn,"select * from loan  where group_id='$search'");
$rr=mysqli_num_rows($q);
if(!$rr) {
echo "<h2 style='color:red'>No Results found !!!</h2>";

} else {
?>
<script>
            function Deleteloan(id)
        {
```

```
                    if(confirm("You want to delete this Record ?"))
                {
                     window.location.href="delete_loan_record.php?id="+id;
                }
        }
</script>
$i=1;
while($row=mysqli_fetch_assoc($q))
{

echo "<Tr>"; echo "<td>".$i."</td>";


$q1=mysqli_query($conn,"select * from groups where group_id='".$row['group_id']."'");
$r1=mysqli_fetch_assoc($q1);

echo "<td>".$r1['group_name']."</td>"; echo
"<td>".$row['loan_come_from']."</td>"; echo
"<td>".$row['loan_amount']."</td>"; echo
"<td>".$row['loan_interest']."</td>"; echo
"<td>".$row['payment_schedule']."</td>"; echo
"<td>".$row['due_date']."</td>";

?>

<Td><a href="javascript:Deleteloan('<?php echo $row['loan_id']; ?>')" style='color:Red'><span class='glyphicon glyphicon-
trash'></span></a></td>

<Td><a href="index.php?page=update_loan_record&loan_id=<?php echo $row['loan_id'];
?>" style='color:green'><span class='glyphicon glyphicon-edit'></span></a></td> <?php

echo "</Tr>";
$i++;
}
                    ?>

</table>
<?php }?>
```

SEARCH MEMBER:

```
<?php
$search=$_POST['searchMember'];
$q=mysqli_query($conn,"select * from member where first_name='$search' or last_name='$search'");
$rr=mysqli_num_rows($q);
if(!$rr) {
echo "<h2 style='color:red'>No Results found !!!</h2>";
} else {
?>
<script>
            function DeleteMember(id)
        {
                    if(confirm("You want to delete this Member ?"))
                {
                     window.location.href="delete_group_member.php?id="+id;
                }
        }
```

```
</script>
<h2 style="color:#00FFCC; text-decoration:underline" align="center" >Results Found</h2>
<table class="table table-bordered">
                    <tr>
                            <td colspan="16"><a href="index.php?page=display_member">Go
Back</a></td>
            </tr>
              <Tr class="active">
                        <th>Sr.No</th>
                         <th>First Name</th>
                         <th>Last Name</th>
                         <th>Gender</th>
                        <th>Group</th>              <th>Date</th>
                         <th>Delete</th>
                         <th>Update</th>
            </Tr>
                        <?php

?>

<Td><a href="javascript:DeleteMember('<?php echo $row['member_id']; ?>')" style='color:Red'><span class='glyphicon
glyphicon-trash'></span></a></td>

<Td><a href="index.php?page=update_group_member&member_id=<?php echo $row['member_id']; ?>"
style='color:green'><span class='glyphicon glyphiconedit'></span></a></td>
<?php

echo "</Tr>";
$i++;
}
                    ?>

</table>
<?php }?>
```

UPDATE GROUP MEMBER:

```
<?php  extract($_POST); if(isset($save))
{

mysqli_query($conn,"update member set
first_name='$fn',last_name='$ln',gender='$gen',group_id='$group' where member_id='".$_GET['member_id']."' ");
  <input type="text" value="<?php echo $r[2]; ?>" name="ln" class="formcontrol" /></div>
            </div>

                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Select Group</div>
                     <div class="col-sm-5">
                        <select name="group" class="form-control" required>
                                <option value="">Select Group</option>
                             <?php
$q1=mysqli_query($conn,"select * from groups"); while($r1=mysqli_fetch_assoc($q1))
{
?>
<option <?php if($r[4]==$r1['group_id']){echo "selected";} ?>
value="<?php echo  $r1['group_id'];?> "><?php echo $r1['group_name']; ?></option> <?php
}
```

```
                        ?>
                    </select>
                    </div>
            </div>

="row" style="margin-top:10px">
                        <div class="col-sm-2"></div>
                       <div class="col-sm-8">
</form>
```

UPDATE LOAN RECORD:

```
<?php  extract($_POST); if(isset($save))
{

mysqli_query($conn,"update loan set
group_id='$group',loan_come_from='$source',loan_amount='$amount',payment_schedule='$ payment',due_date='$due'");

$err="<font color='blue'>Loan records updated</font>";

}

$sql=mysqli_query($conn,"select * from loan where loan_id='".$_GET['loan_id']."'");
$res=mysqli_fetch_array($sql);
//print_r($res);
?>
<h2 align="center" style="color:#00FFFF;text-decoration:underline">Update Allotted Loan Records</h2>
<form method="post">


            <div class="row" style="margin-top:10px">
                    <div class="col-sm-4">Loan Source</div>
                   <div class="col-sm-5">
                       <select name="source" class="form-control" required>
                                <option value="">Select Loan COming Source</option>
                                 <option <?php if($res['loan_come_from']=="Government"){echo
"selected";} ?>>Government</option>
                                 <option <?php if($res['loan_come_from']=="Council"){echo
"selected";} ?>>Council</option>
                    </select>
                    </div>
            </div>

            <div class="row" style="margin-top:10px">
                    <div class="col-sm-4">Loan Amount</div>
                   <div class="col-sm-5">
                  <input type="number" value="<?php echo $res['loan_amount']; ?>" name="amount" class="form-control"
required/></div>
            </div>

            <div class="row" style="margin-top:10px">
                    <div class="col-sm-4">Loan Intereset</div>
                   <div class="col-sm-5">
                  <input type="text"  name="intereset" value="10%" readonly="true" class="form-control" required/></div>
            </div>
```

```
                <div class="row" style="margin-top:10px">
                        <div class="col-sm-4">Payment Due Date</div>
                      <div class="col-sm-5">
                    <input type="date" value="<?php echo $res['due_date']; ?>" name="due" class="form-control" required/>

                      </div>
            </div>

                <div class="row" style="margin-top:10px">
                        <div class="col-sm-2"></div>
                      <div class="col-sm-8">


<input type="submit" value="Allowt New Loan" name="save" class="btn btn-success"/>
                          <input type="reset" class="btn btn-success"/>
                      </div>
            </div>
</form>
```

UPDATE PASSWORD:

```
<?php  extract($_POST); if(isset($save))
{

               if($np=="" || $cp=="" || $op="")
            {
                  $err="<font color='red'>fill all the fileds first</font>";
            }
            else
<h2>Update Password</h2>
<form method="post">

              <div class="row">
                        <div class="col-sm-4"></div>
                          <div class="col-sm-4"><?php echo @$err;?></div>
            </div>
                <div class="row" style="margin-top:10px">
                        <div class="col-sm-2"></div>
                      <div class="col-sm-8">


                      <input type="submit" value="Update Password" name="save" class="btn btnsuccess"/>
                           <input type="reset" class="btn btn-success"/>
                       </div>
            </div>
</form>
```

DASHBOARD:

```
<?php
$q=mysqli_query($conn,"select * from member ");
$r=mysqli_num_rows($q);
```

```
$q2=mysqli_query($conn,"select * from member where gender='m'");
$r2=mysqli_num_rows($q2);
<h1 class="page-header">Dashboard</h1>
                                <div class="row placeholders">
          <div class="col-xs-6 col-sm-3 placeholder">
            <img
src=" AAABAAEAAAICRAEAOw=="
width="200" height="200" class="img-responsive" alt="Generic placeholder thumbnail">
            <h4>Total Goups</h4>
            <span class="text-muted"><?php echo $r1; ?></span>

/gif; base64,R0lGODlhAQABAIAAAHd3dwAAACH5BAAAAAAALAAA     AAABAAEAAAICRAEAOw==" width="200"
height="200" class="img-responsive" alt="Generic placeholder thumbnail">          <h4>Total Women Members</h4>
            <span class="text-muted"><?php echo $r3; ?></span>
          </div>
        </div>
```

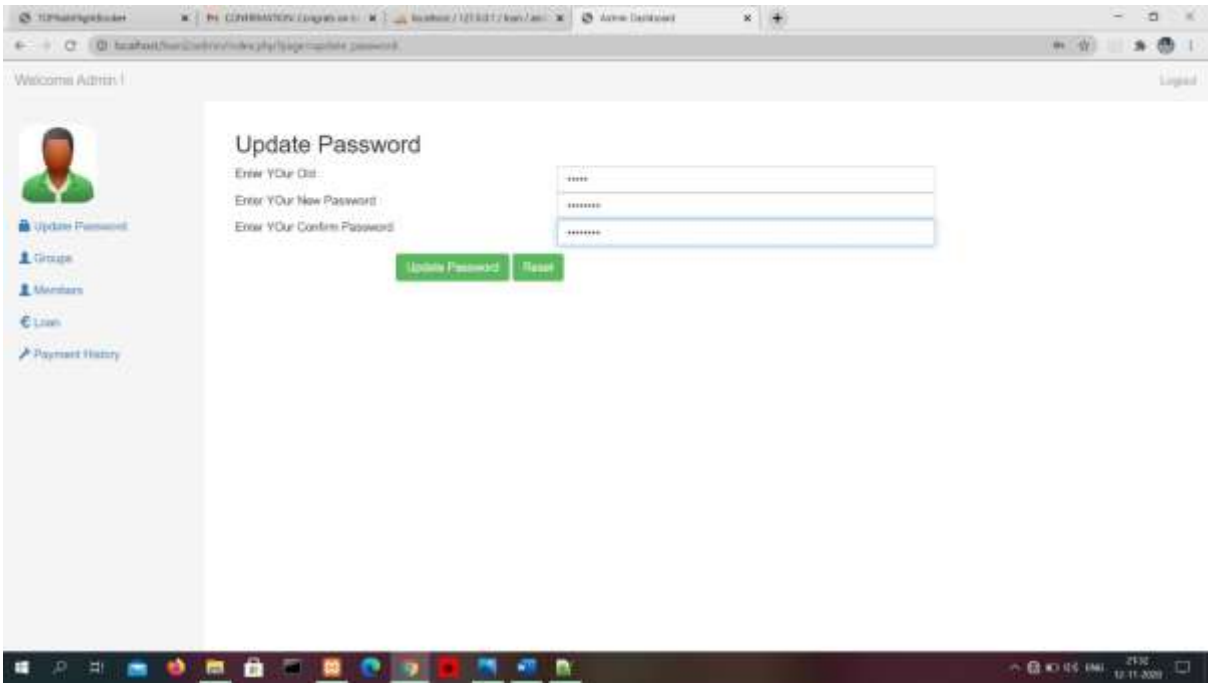
LOGOUT:

```
<?php
session_start(); unset($_SESSION['admin']);
header('location:../index.php');
?>
```

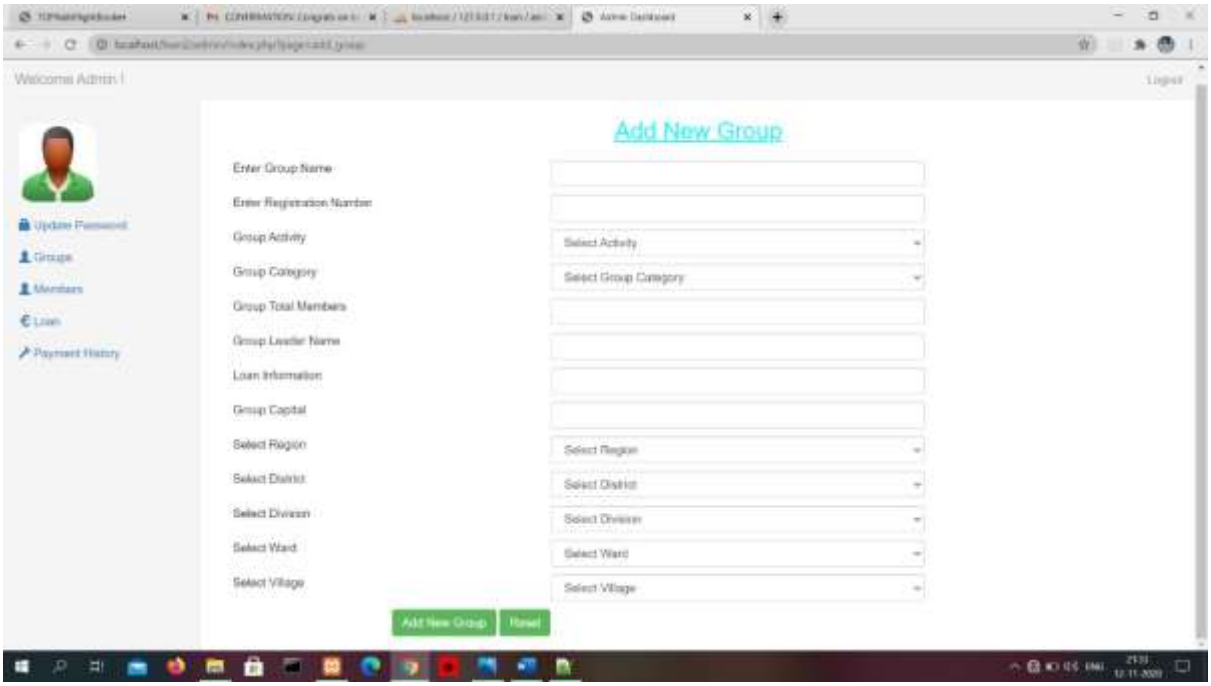
ADMIN LOGIN:

DASHBOARD:

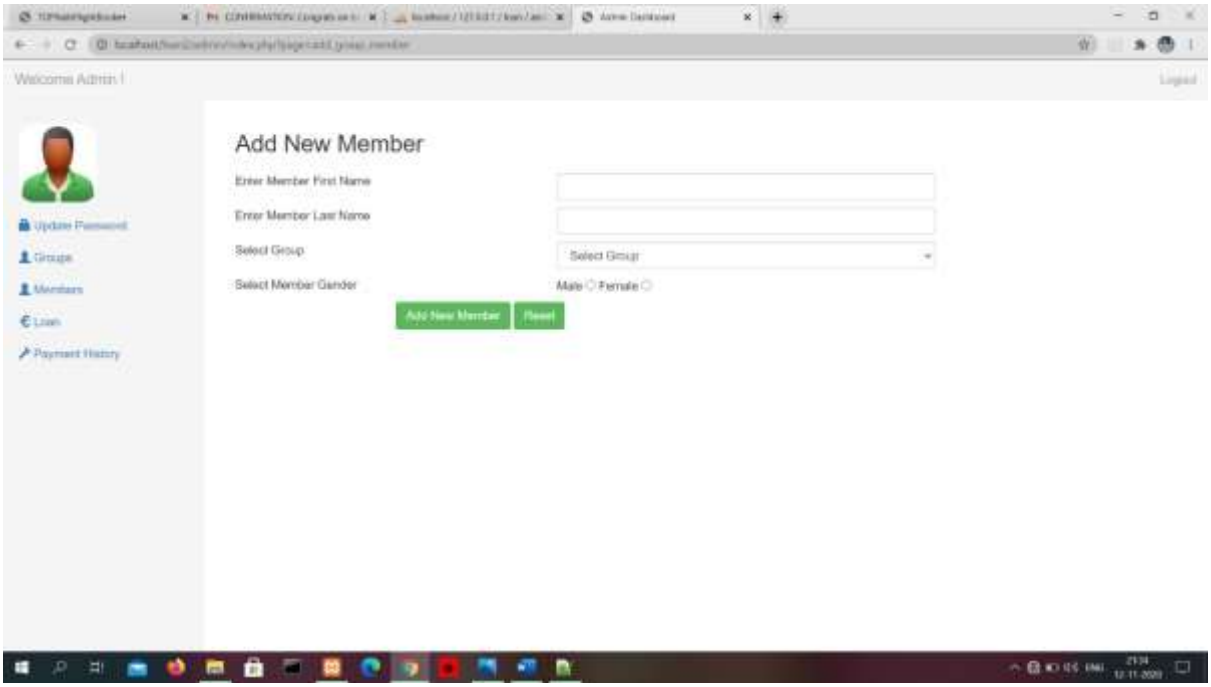
UPDATE PASSWORD:



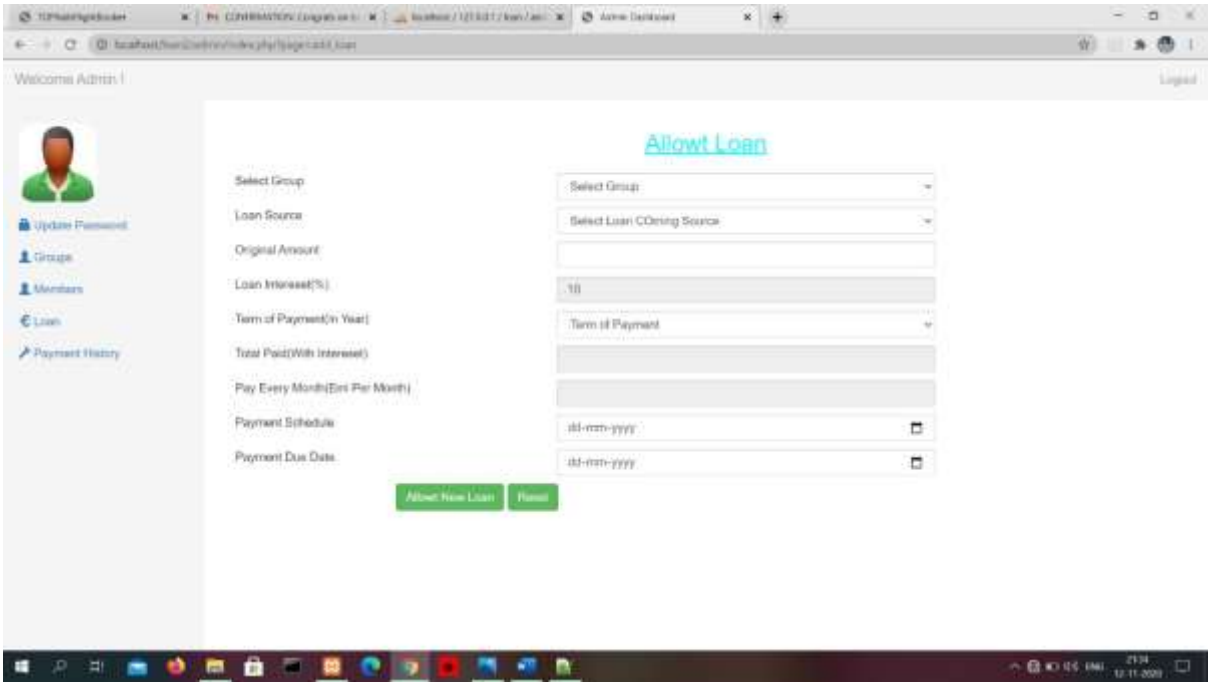
ADD NEW GROUP:



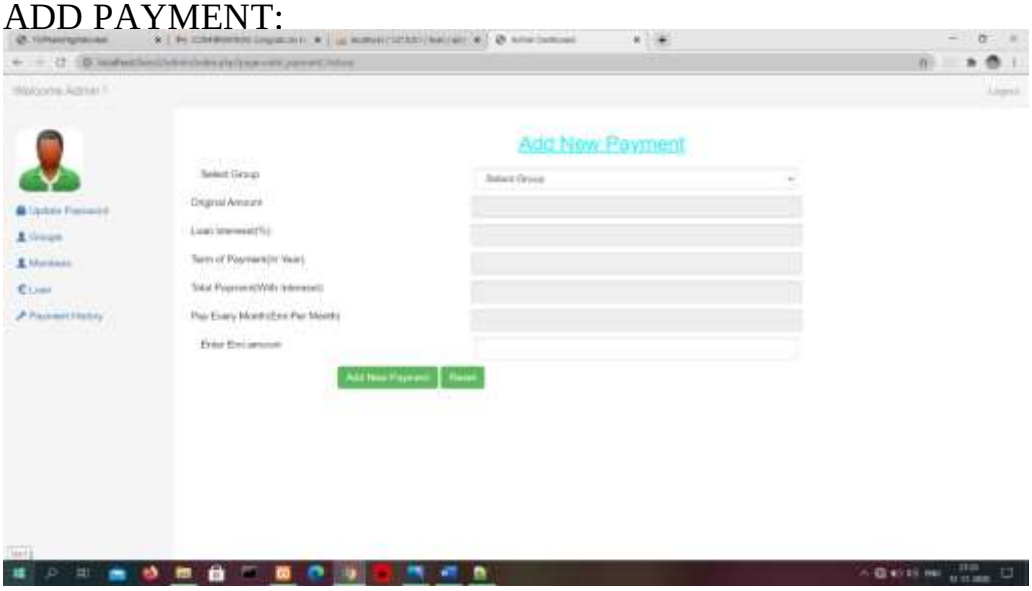
ADD NEW MEMBER:



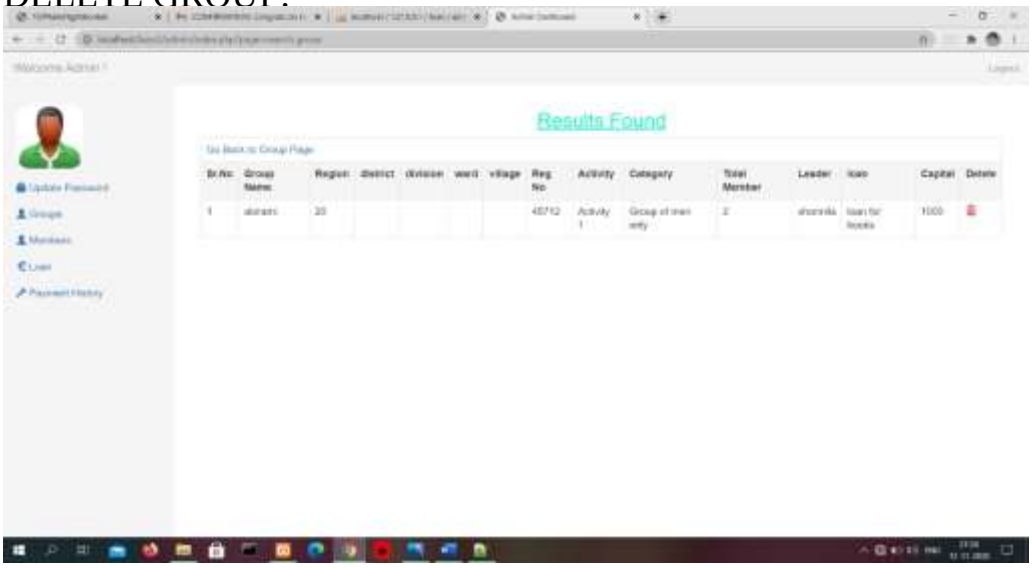
ALLOT LOAN:



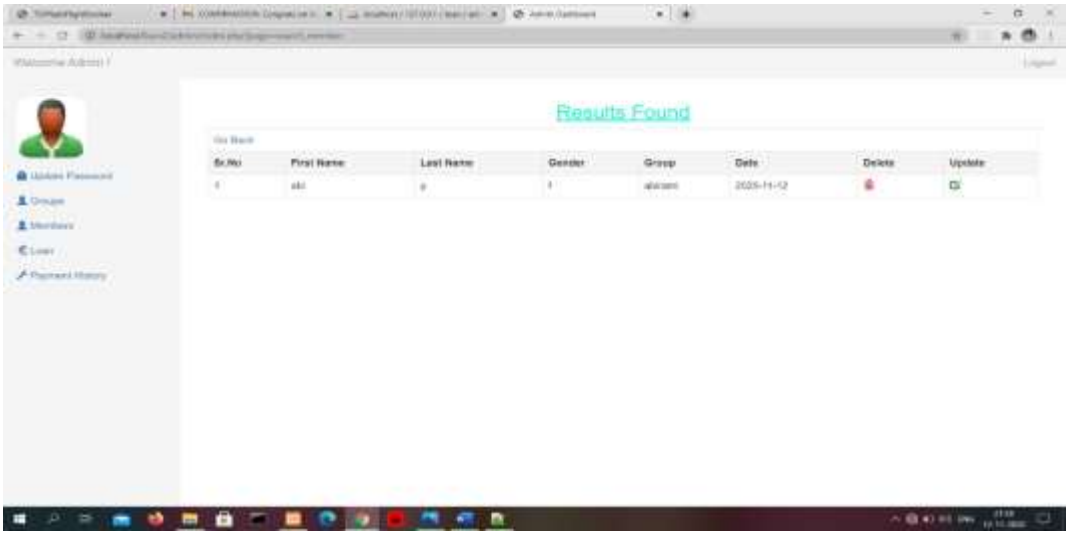
ADD PAYMENT:



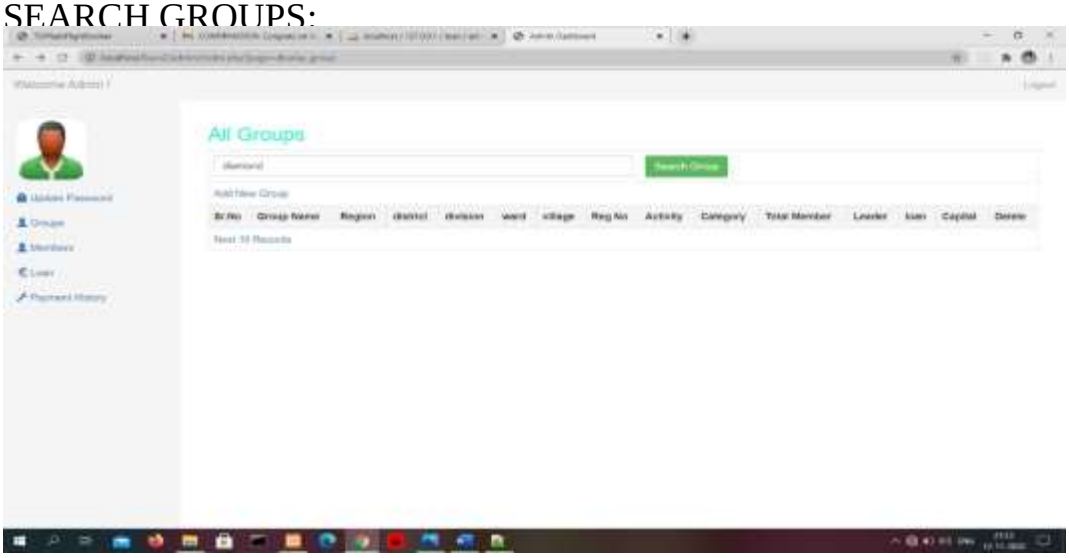
DELETE GROUP:



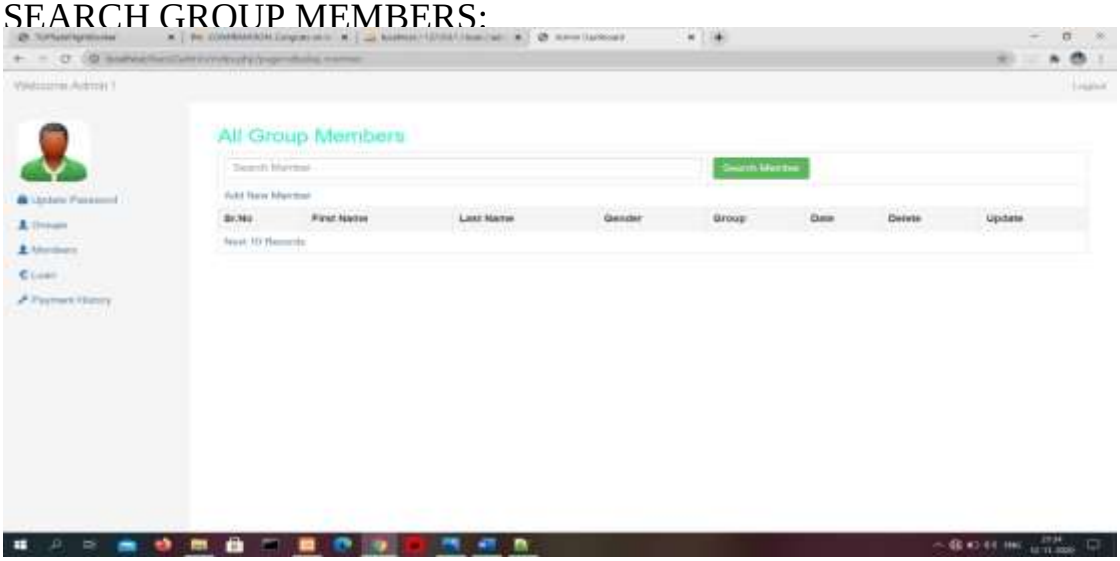
DELETE GROUP MEMBER:



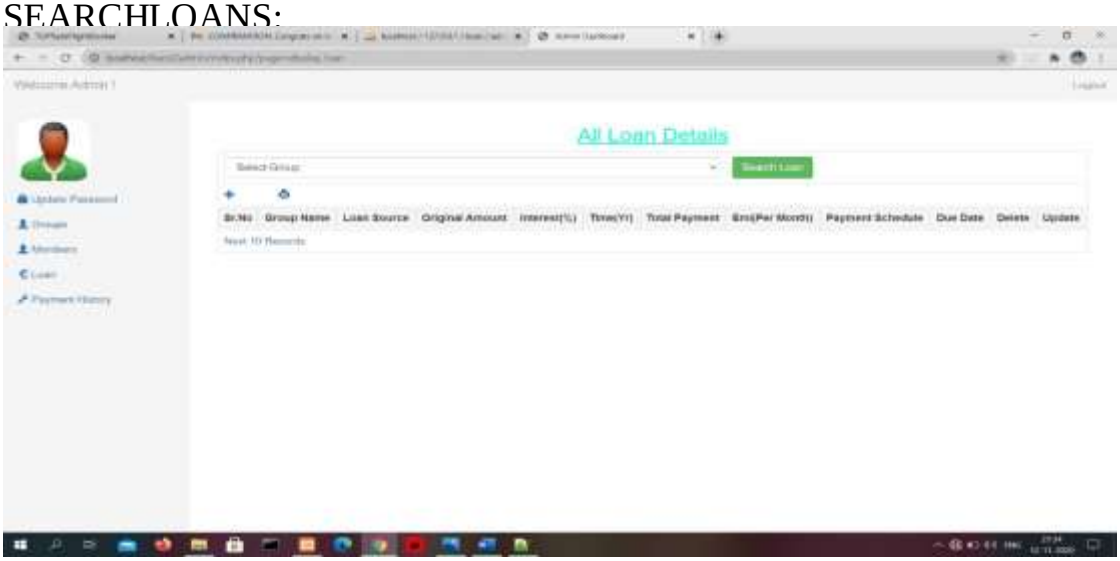
SEARCH GROUPS:



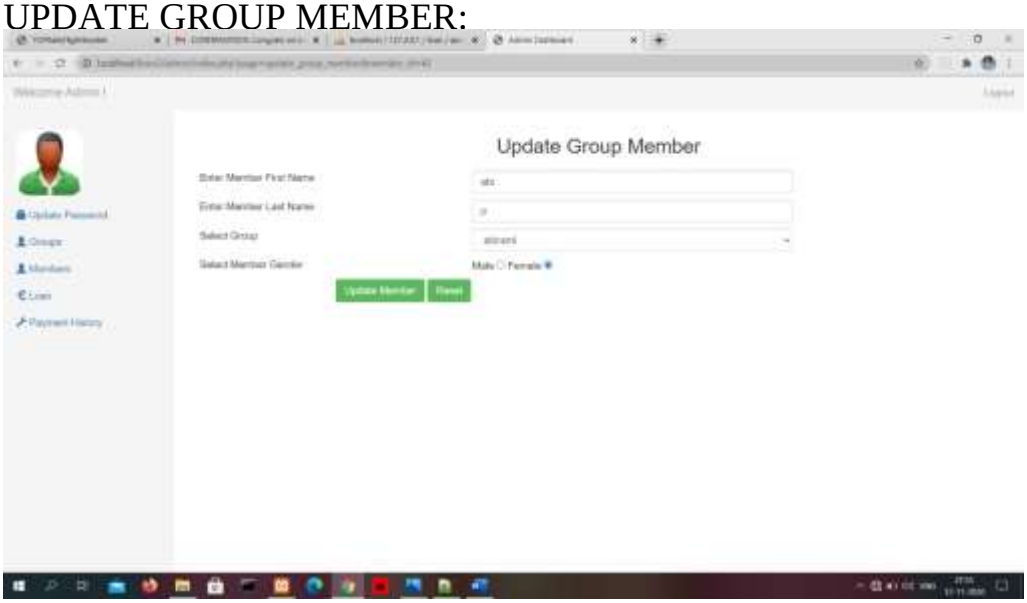
SEARCH GROUP MEMBERS:



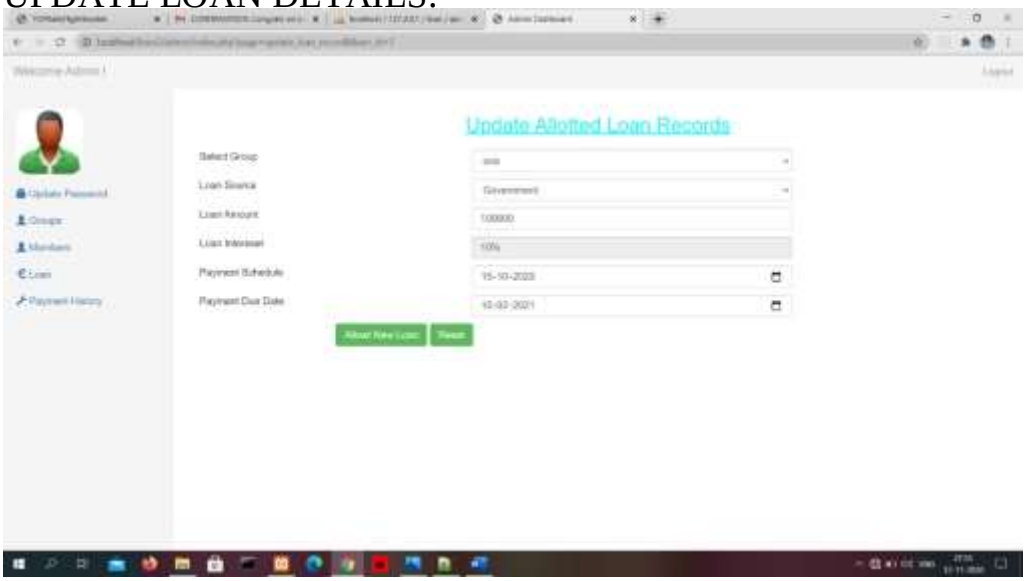
SEARCHLOANS:



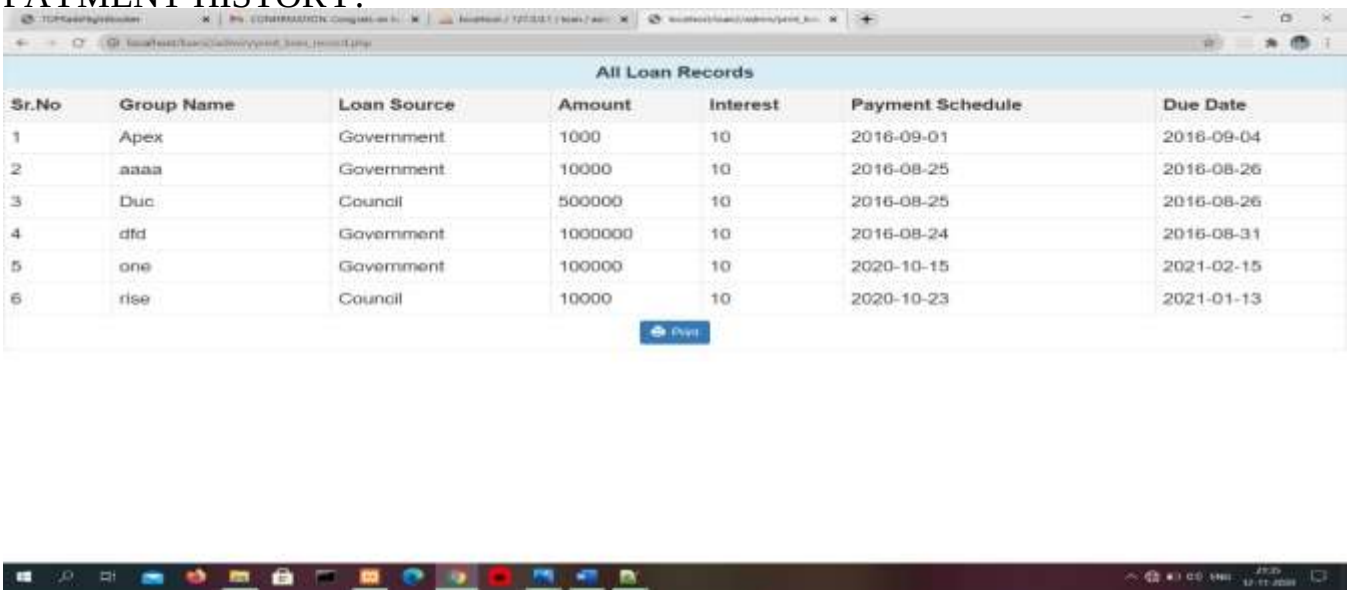
UPDATE GROUP MEMBER:



UPDATE LOAN DETAILS:



PAYMENT HISTORY:



All Loan Records

Sr.No	Group Name	Loan Source	Amount	Interest	Payment Schedule	Due Date
1	Apex	Government	1000	10	2016-09-01	2016-09-04
2	aaaa	Government	10000	10	2016-08-25	2016-08-26
3	Duc	Council	500000	10	2016-08-25	2016-08-26
4	dfd	Government	1000000	10	2016-08-24	2016-08-31
5	one	Government	100000	10	2020-10-15	2021-02-15
6	rise	Council	10000	10	2020-10-23	2021-01-13

RESULT:

The Loan Management System is meant to handle all the loan details of the user. The proposed project automates the loan process for both the admin and customer perspective. The project acts as a interface which facilitates a user to apply for a loan online and track the status from time to time. It will be very helpful for those banking staffs who are in charge of loan management. It provides a very convenient way for the loan transaction. It is an automated paperless version of the manual system.