

Bangladesh Army University Of Science And Technology,Saidpur



LAB REPORT

Department : Computer Science And Engineering

Course Code : CSE 3202

Course Title : Web engineering project

Report Topic : Final Project Presentation

Submitted by:

Submitted To:

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Level:3 Term:II

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fahim adnan

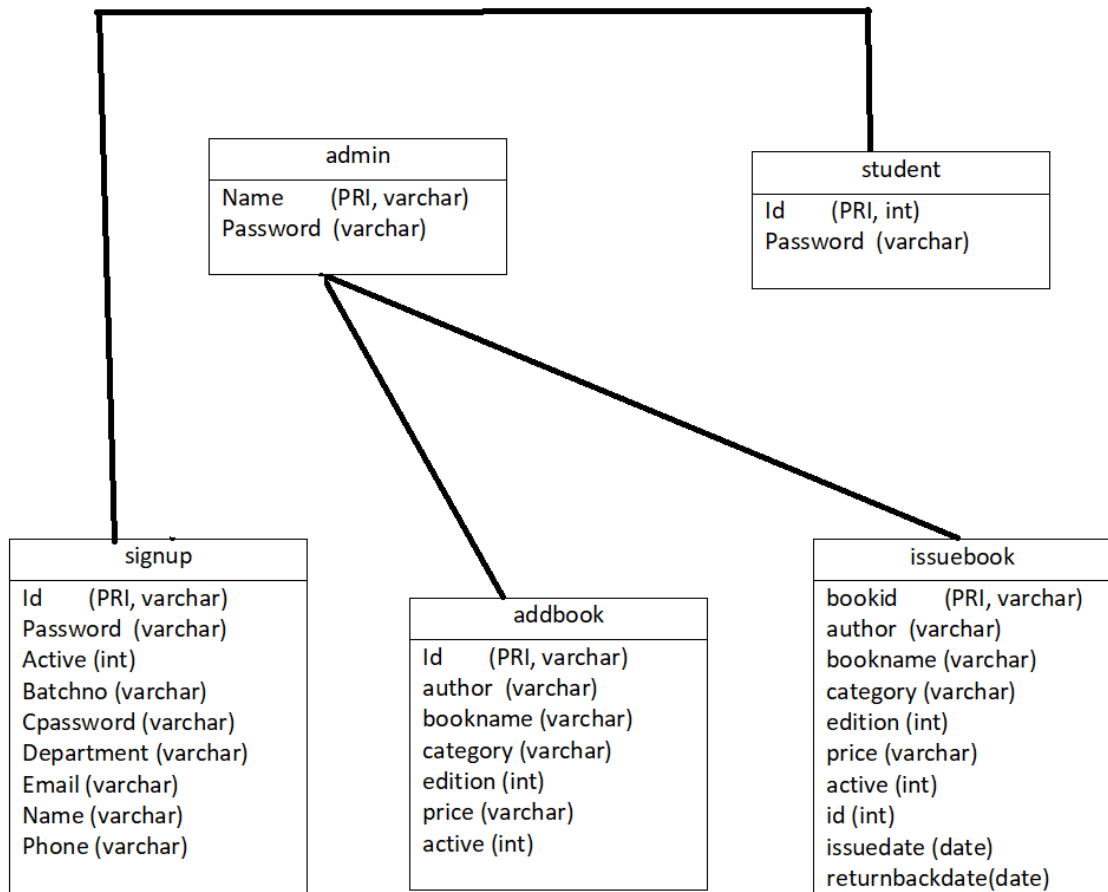
Submitted Date: 09.08.2021

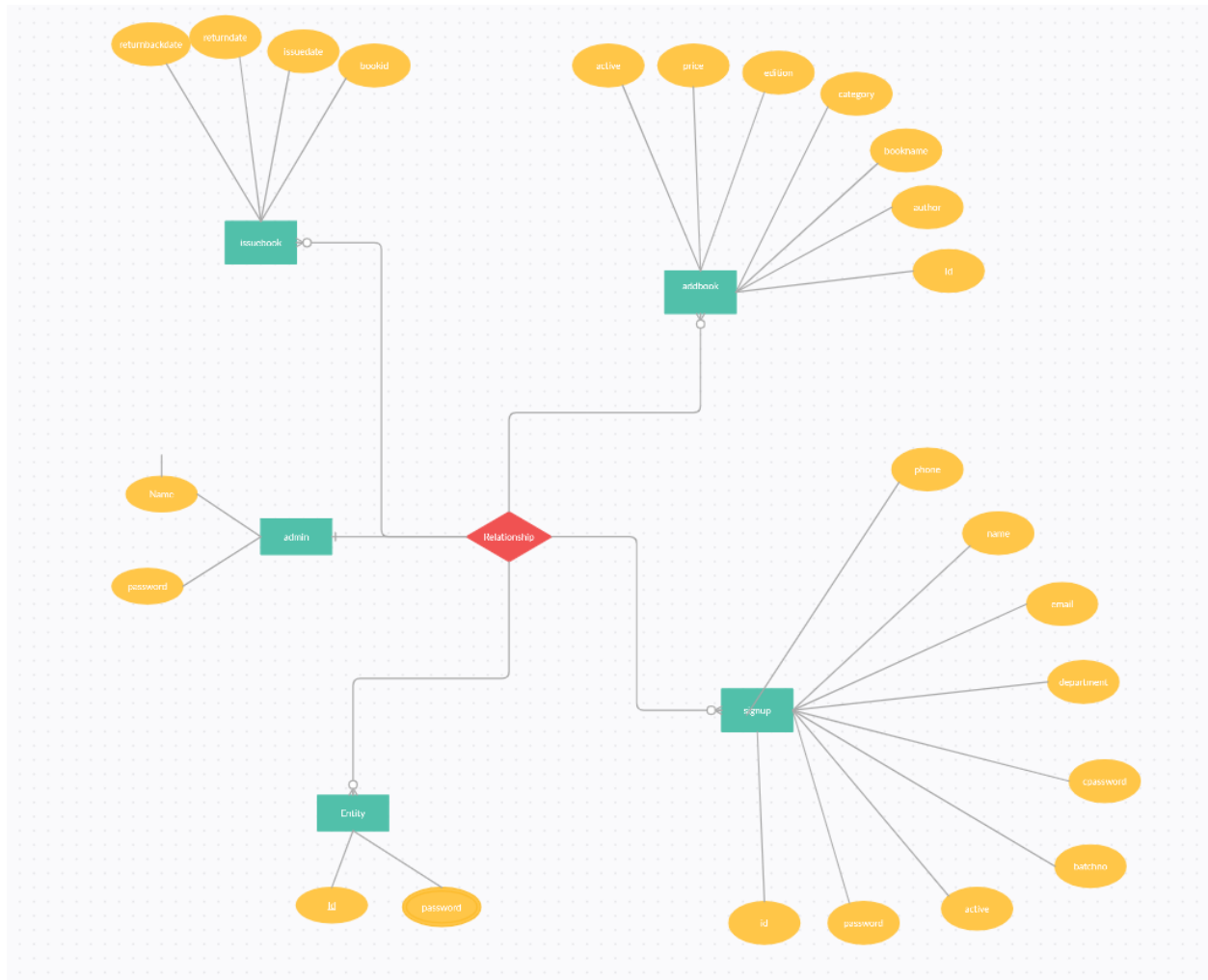
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Objectives:

- # Attractive user interfaces to navigate through the system for the users.
- # We want to gives knowledge about online library to students.
- # To Provides Online Reading Services in the near future As well.
- # Giving easy access to the users/members.

ER-Diagram:





Features:

Database connection

```
phpConnection > connect.php
1  <?php
2
3  $localhost = "127.0.0.1";
4  $username = "root";
5  $password = "";
6  $dbname = "olms";
7
8  $connect = mysqli_connect($localhost,$username,$password,$dbname);
9
10 if($connect->connect_error){
11     die("connection failed : ".$connect->connect_error);
12 }else{
13     //echo("successfully connected.");
14 }
15
16
17 ?>
```

Student Login

LOGIN

Id

Password

submit

Don't have an account? [Register](#)

```

<?php
    if(isset($_POST['submit'])){
        $count=0;
        $idd=$_POST['lid'];
        $pass=$_POST['lpassword'];

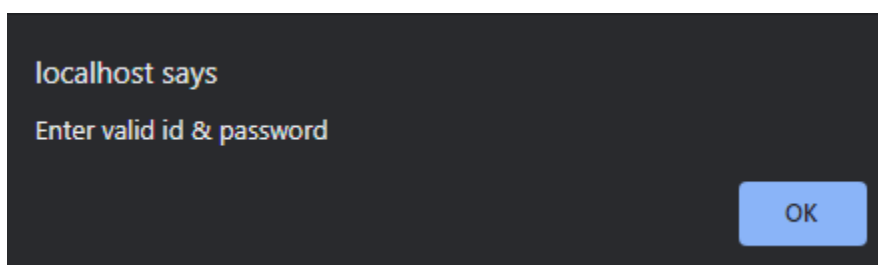
        $sql=mysqli_query($connect,"select * from signup1 where id= '$idd' and password='$pass'");
        $count=mysqli_num_rows($sql);

        if($count==0){
            ?>
            <script type="text/javascript">
                alert("Enter valid id & password");
            </script>
            <?php
        }else{
            session_start();
            $_SESSION['lid']=$idd;

            header('location:studentdashboard.php');
        }
    }
?>

```

For student login, using POST method we get id and password from input box of studentlogin.php page. If the id and password matched with olms database (signup table) data then the user can login or if the id or password not match then the user can't login.



Database olms table(signup)

Options

		name	id	password	cpassword	department	batchno	email	phone	active
<input type="checkbox"/>	Edit Copy Delete	Torikul Islam Oli	170102067	123456	123456	EEE	8	baust.cse.170201067@gmail.com	01711111111	1
<input type="checkbox"/>	Edit Copy Delete	solaiman	180101042	123456	123456	CSE	7	baust.cse.180101042@gmail.com	01701566573	1
<input type="checkbox"/>	Edit Copy Delete	Fahim Adnan	180101046	123456	123456	CSE	7	baust.cse.180101046@gmail.com	01701566573	1
<input type="checkbox"/>	Edit Copy Delete	Nirjon	180101047	123456	123456	CSE	7	baust.cse.180101047@gmail.com	01781724451	1
<input type="checkbox"/>	Edit Copy Delete	MD Faiyyaz Al Imran	180101052	123456	123456	CSE	7	baust.cse.180101052@gmail.com	01749525285	1

☐ Check all
 With selected: Edit Copy Delete Export

Admin Login

ADMIN

User Name

Password

submit

Student Register

REGISTRATION FORM

Name

Id

Department :

Batch No :

Email

Phone Number

Password

Confirm Password

Register

Already have an account? [Login](#)


```

$sql=mysqli_query($connect,"select id from signup1 where id= '$sid'");
$count=mysqli_num_rows($sql);
if($count != 0){
    echo "Id already exist";
    echo "<a href='../studentregister.php'><button type='button'>Back</button></a>";
    echo "<a href='../home.php'><button type='button'>Home</button></a>";
}else{
    if($spassword==$cspassword){
        $sql="insert into signup1(name,id,password,cpassword,department,batchno,email,phone,active) values ('$name','$sid','$spassword',
        if($connect->query($sql)===true){
            echo "Register successful.";
            echo "<a href='../studentregister.php'><button type='button'>Back</button></a>";
            echo "<a href='../home.php'><button type='button'>Home</button></a>";
        }else{
            echo ("Register not successful");
            $connect->connect_error;
        }
    }else{
        echo("password not matched!");
        echo "<a href='../studentregister.php'><button type='button'>Back</button></a>";
        echo "<a href='../home.php'><button type='button'>Home</button></a>";
    }
}

```

If any id already exists in database and if those id want to signup again then there will be an error.

Id already exist

If password or confirm password not matched then there will be an error.

password not matched!

Admin Dashboard

ONLINE LIBRARY MANAGEMENT SYSTEM

fahim

Logout

DASHBOARD	Add Books	Issue Books	Reg Students
Books List	Issued Books	Returned Books	Admin Account

fahim

LOGOUT

```
<?php
session_start();
session_destroy();
header('location:../home.php');
die;
exit();
?>
```

```
<?php

session_start();
$name=$_SESSION['name'];
//$_SESSION['id']=$_SESSION['lid'];
$sql = "select * from admin where name = '$name'";
$result = $connect->query($sql);
if($result->num_rows > 0){
    while($row = $result->fetch_assoc()) {
        echo "<tr>
        <td>".$row['name']." </td>
        </tr>";
    }
}

?>
```

Add Books

ADD BOOKS

Category :

Book Name

Author

Edition :

Price

ADD Book

Issue Book

```
$issuedate=date('y-m-d',strtotime($_POST['sdate']));  
$returndate=date('y-m-d',strtotime($_POST['rdate']));  
$currentdate=date("Y/m/d");
```

ISSUE BOOKS

Student ID

Category :

Book Name

Author

Edition :

Issue Date



Return Date



Issue Book

Registration Students Info

Student ID	Name	Password	Department	Batch NO	Email	Phone Number	Action
170102067	Torikul Islam Oli	123456	EEE	8	baust.cse.170201067@gmail.com	01711111111	Edit Remove
180101042	solaiman	123456	CSE	7	baust.cse.180101042@gmail.com	01701566573	Edit Remove
180101046	Fahim Adnan	123456	CSE	7	baust.cse.180101046@gmail.com	01701566573	Edit Remove
180101047	Nirjon	123456	CSE	7	baust.cse.180101047@gmail.com	01781724451	Edit Remove
180101052	MD Faiyyaz Al Imran	123456	CSE	7	baust.cse.180101052@gmail.com	01749525285	Edit Remove

Search Student

Department :

Id

submit

```

<?php
    if(isset($_POST['submit'])){
        $idd=$_POST['sid'];
        $dept=$_POST['department'];
        $count=0;
        $sql=mysqli_query($connect,"select * from signup1 where (id= '$idd' AND department=$dept) ");
        $count=mysqli_num_rows($sql);
        echo($count);
        if($count==0){
            ?>
            <script type="text/javascript">
                alert("Enter valid id & Department");
            </script>
            <?php
        }else{
            $_SESSION['sidd']=$idd;
            $_SESSION['dept']=$dept;
            header('location:searchid.php');
        }
    }
?>

```

Student ID	Name	Password	Department	Batch NO	Email	Phone Number	Action
180101046	Fahim Adnan	123456	CSE	7	baust.cse.180101046@gmail.com	01701566573	<input type="button" value="Edit"/> <input type="button" value="Remove"/>

Remove Student Information

```
if($_GET['id']) {  
    $id = $_GET['id'];  
  
    $sql = "SELECT * FROM signup1 WHERE id = {$id}";  
    $result = $connect->query($sql);  
    $data = $result->fetch_assoc();  
  
    $connect->close();  
?>
```

```
if($_POST) {  
    $id = $_POST['id'];  
  
    $sql = "UPDATE signup1 SET active = 2 WHERE id = {$id}";  
    if($connect->query($sql) === TRUE) {  
        echo "<p>Successfully removed!!</p>";  
        echo "<a href='../regstudents.php'><button type='button'>Back</button></a>";  
    } else {  
        echo "Error updating record : " . $connect->error;  
    }  
  
    $connect->close();  
}
```

Update Student Information

REGISTRATION FORM

Name

Torikul Islam Oli

Id

170102067

Password

.....

Confirm Password

.....

Department :

EEE

Batch No :

8

Email

baust.cse.170201067@gmail.com

Phone Number

01711111111

Update

Back

Books Information

Category	Book Name	Author	Edition	Price	Action
CSE	ccc	aaa	12	88	Edit Remove
CSE	python	andrew	2	13	Edit Remove
CSE	andoid	andrew	5	100	Edit Remove
CSE	laravel	pope	4	300	Edit Remove
CSE	python	syke	11	500	Edit Remove

Books Information Update

EDIT BOOK INFO

Book Name

ccc

Author

aaa

Category

None



Edition

12

Price

88

Update

Back

Issued Books List

Student ID	Book ID	Category	Book Name	Author	Edition	Issue Date	Return Date	Today	Fine	Action
180101046	51	CSE	c	andrew	10	2021-09-06	2021-09-06	2021-09-13	100	Edit Return
180101052	53	CSE	python	andrew	10	2021-09-08	2021-09-10	2021-09-13	100	Edit Return
180101067	54	CSE	python	andrew	11	2021-09-08	2021-09-08	2021-09-13	100	Edit Return
180101047	55	CSE	database management system	weydon	7	2021-09-06	2021-09-07	2021-09-13	100	Edit Return

Issued Books Search By Student Id

Department :

CSE

Id

180101046

submit

Student ID	Category	Book Name	Edition	Issue Date	Return Date	Today	Fine	Action
180101046	CSE	c	10	2021-09-06	2021-09-06	21-09-13	100	Edit Remove
180101046	CSE	c	10	2021-09-06	2021-09-06	21-09-13	100	Edit Remove
180101046	CSE	c	10	2021-09-06	2021-09-06	21-09-13	100	Edit Remove
180101046	CSE	c	10	2021-09-06	2021-09-06	21-09-13	100	Edit Remove

Fine

```
if($result->num_rows > 0) {  
    while($row = $result->fetch_assoc()) {  
        $returndate=$row['returndate'];  
        $currentdate=date("Y/m/d");  
        $dateTimestamp1 = strtotime($currentdate);  
        $dateTimestamp2 = strtotime($returndate);  
        if($dateTimestamp1>$dateTimestamp2){  
            $fine=100;  
        }else{  
            $fine=0;  
        }  
    }  
}
```

Return Issued Book date

```
if($_GET['id']) {  
    $id = $_GET['id'];  
    #echo $id;  
    $sql = "SELECT * FROM issuebook WHERE bookid = {$id} ";  
    $result = $connect->query($sql);  
    $data = $result->fetch_assoc();  
  
    $connect->close();  
}
```

?>

```

<?php

require_once 'phpConnection/connect.php';

if($_POST) {
    $id = $_POST['id'];
    $bookid=$_POST['bookid'];
    $currentdate = date('Y-m-d',time());
    $returnbackdate = date('Y-m-d',strtotime($currentdate));
    #echo $bookid;

    # $sql = "INSERT INTO issuebook(returnbackdate) VALUES ($returnbackdate) ";
    $sql = "UPDATE issuebook SET active = 2, returnbackdate='{$returnbackdate}' WHERE bookid={$bookid}";

    if($connect->query($sql) === TRUE) {
        echo "<p>Successfully removed!!</p>";
        echo "<a href='manageissuebook.php'><button type='button'>Back</button></a>";
    } else {
        echo "Error updating record : " . $connect->error;
    }

    $connect->close();
}

# && bookid={$bookid}
?>

```

Issued Book Info Update

EDIT ISSUED BOOKS

Student ID

180101046

Category

CSE

Book Name

c

Author

andrew

Edition

10

Issue Date

09/06/2021



Return Date

09/06/2021



Update

Back

Returned Books

Student ID	Category	Book Name	Edition	Issue Date	Return Date
180101046	CSE	c	10	2021-09-06	2021-09-06
180101047	CSE	database management system	7	2021-09-06	2021-09-06
180101052	CSE	computer networks	12	2021-09-07	2021-09-06
170201067	CSE	c	10	2021-09-06	2021-09-06
180101046	CSE	c	10	2021-09-06	2021-09-06
180101046	CSE	c	10	2021-09-06	2021-09-06

Admin Register

ADMIN REGISTER

User Name

Password

Register

Online Books Website

Online Books	Issued Books
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[Free Frontend](#)

[w3schools](#)

[Science Books Online](#)

Student Issued Books

Student ID	Category	Book Name	Edition	Issue Date	Return Date	Today	Fine
180101046	CSE	c	10	2021-09-06	2021-09-06	2021-09-13	100

Student Returned Books

Student ID	Category	Book Name	Edition	Issue Date	Return Date
180101046	CSE	c	10	2021-09-06	2021-09-06
180101046	CSE	c	10	2021-09-06	2021-09-06
180101046	CSE	c	10	2021-09-06	2021-09-06

Development Tools: Language: HTML,CSS,JAVA SCRIPT
 Server: Apache
 Database: Xampp
 IDE: VS Code

Future Works:

- # In the near future, technology is growing rapidly and so this Library Management system will be very helpful in the future.
- # Every Universities can use this system.
- # Easy to Access and No loss of time.

Conclusion:

- #Hence, we have completed our project without any problems.
We have done various research for this project and this system Is designed using PHP and HTML in the front end and XAMPP In the back-end database.
- # We have used CRUD Functions in it, just which is regularly Use in the library. This System helps in the universities Where works makes easy for librarian and Users.

THANK YOU