UI DESIGN FOR WEB BASED PLATFORM

CRUD

Operation	SQL	НТТР
Create	INSERT	PUT / POST
Read (Retrieve)	SELECT	GET
Update (Modify)	UPDATE	PUT / POST / PATCH
Delete (Destroy)	DELETE	DELETE

Ref: https://en.wikipedia.org/wiki/Create, read, update and delete

CODE SETUP

XAMPP: <u>Download</u> and install

Run in PHPMyAdmin, the script: _create_db.txt

Copy the "crud" folder in "htdocs" folder of XAMPP

Visit http://localhost/crud

SCREEN SHOTS

WEB PAGE # 1

Apache PHP MySQL

Database: db0 Table: t0

Click here to view the table

WEB PAGE # 2

f 0	fl	Delete	Update
			<u>Update</u>
v10	v11	<u>Delete</u>	<u>Update</u>

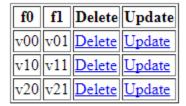
Insert a new record

WEB PAGE # 3

Insert Record

f0: v20 f1: v21

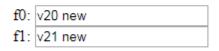
Insert



Insert a new record

http://localhost/crud/update_input.php?id=3&f0=v20&f1=v21

Update Record



Update

f0	fl	Delete	Update
v00	v01	<u>Delete</u>	<u>Update</u>
v10	v11	<u>Delete</u>	<u>Update</u>
v20 new	v21 new	<u>Delete</u>	<u>Update</u>

Insert a new record

SOURCE CODE

HOME PAGE

```
<h1>Apache PHP MySQL</h1>
Database: db0<br>
Table: t0<br>
Click <a href=select.php>here</a> to view the table
```

CRUD: CREATE (INSERT_INPUT.PHP)

```
<h1>Insert Record</h1>
<form method=get action=insert_result.php>
f0: <input type=text name=f0> <br>f1: <input type=text name=f1> <br><input type=submit value=Insert></form>
```

CRUD: CREATE (INSERT_RESULT.PHP)

CRUD: READ (SELECT.PHP)

```
<?
       $connect = mysql_connect("localhost", "root", "" )
               or die("Can not connect");
       mysql select db("db0")
               or die("Can not select database");
       $results = mysql_query( "SELECT * FROM t0" )
               or die("Can not execute query");
       echo " \n";
       echo "<th>f0</th> <th>f1</th> <th>Delete</th> <th>Update</th> \setminusn";
       while( $rows = mysql_fetch_array( $results ) ) {
               extract($rows);
               echo "";
               echo "$f0 ";
               echo "$f1 ";
               echo " <a href = 'delete.php?id=$id'> Delete </a> ";
               echo " <a href = 'update_input.php?id=$id&f0=$f0&f1=$f1'> Update </a> ";
               echo " \n";
       }
       echo " \n";
       echo "<a href=insert_input.php>Insert a new record</a>";
?>
```

CRUD: UPDATE (UPDATE_INPUT.PHP)

```
<?
    $id = $_GET[id];
    $f0 = $_GET[f0];
    $f1 = $_GET[f1];
?>
<h1>Update Record</h1>
<form method=get action=update_result.php>
    <input type=hidden name=id value='<? echo $id; ?>'> <br>
    f0: <input type=text name=f0 value='<? echo $f0; ?>'> <br>
    f1: <input type=text name=f1 value='<? echo $f1; ?>'> <br>

    <input type=submit value=Update>
</form>
```

CRUD: UPDATE (UPDATE_RESULT.PHP)

```
$id = $_GET[id];
$f0 = $_GET[f0];
$f1 = $_GET[f1];

$connect = mysql_connect("localhost", "root", "")
or die("Can not connect");

mysql_select_db("db0")
or die("Can not select database");

$query = "UPDATE t0 SET f0='$f0', f1='$f1' WHERE id = $id";
echo $query;

mysql_query( $query )
or die("Can not execute query");

echo "Record updated:<br/>f0 = $f0 <br/>f1 = $f1";
echo "<a href=select.php>View all records</a>";
```

CRUD: DELETE (DELETE.PHP)