

## EXPERIMENT NO. 4

**Aim:** To Perform CRUD operations using PHP and MySQL

### Theory:

**CRUD** is an acronym for Create, Read, Update and Delete. Creating, editing, updating and deleting content on a website makes the site dynamic.

A user who visits the site will be able to create records that will be stored in a MySQL database and display them on the webpage. Each record will be displayed with an update and delete buttons to allow user to update records as well as delete them.

Here, we have created database named exp4. In exp4 database, create a table called crudtable.

The crudtable table have the following columns:

- id – int(11) Auto\_Incremented Primary key
- username– varchar(30)
- password– varchar(15)

Then we write a php code to connect to the database by using

```
$conn = mysqli_connect($dbhost,$dbuser,$dbpass,$db) ;
```

Function with parameters like HOST, USER, PASSWORD, DB\_NAME and connect to database

We have following files to make to make User Login-Registration interface along with database connection:

- 1.**dbconnect.php** - which contains php code to connect to the database using `mysqli_connect()` with parametres HOST, USER, PASSWORD,DB\_NAME.
2. **index.html** - This is the default page of our site which displays existing data record in table format. There is an insert button to insert data into database which redirects us to insert.php to insert data into database. Along with that each data table has delete button to delete a record and update table to update those records.
- 3.**insert.php** - this page has interface to insert data into database by taking input from user. After successful insertion of data one is redirected to index.php.
4. **delete.php** - which contains php code to delete a record. It Gets 'id' of selected record and fire a query to delete it from database. After deletion one is redirected to index.php
- 5.**update.php** - which is used to update data of selected record.

Below are some snapshot of CRUD system :

### Display Table Data

Insert

Id	Username	Password	Delete	Update
1	Rahul	rahul123	Delete	Update
2	Rohit	rohit123	Delete	Update

**Fig1.**Index.php which shows existing records

### Insert Operation

Username:

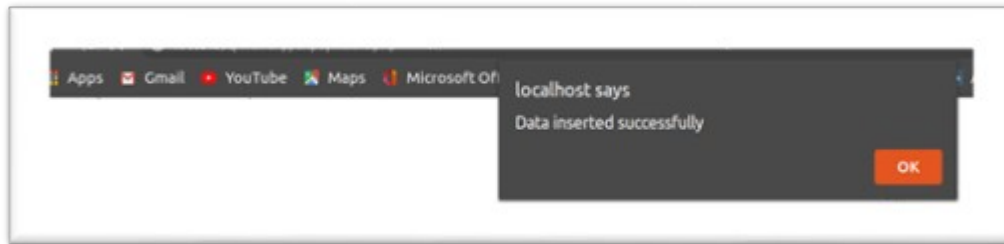
Varun

Password:

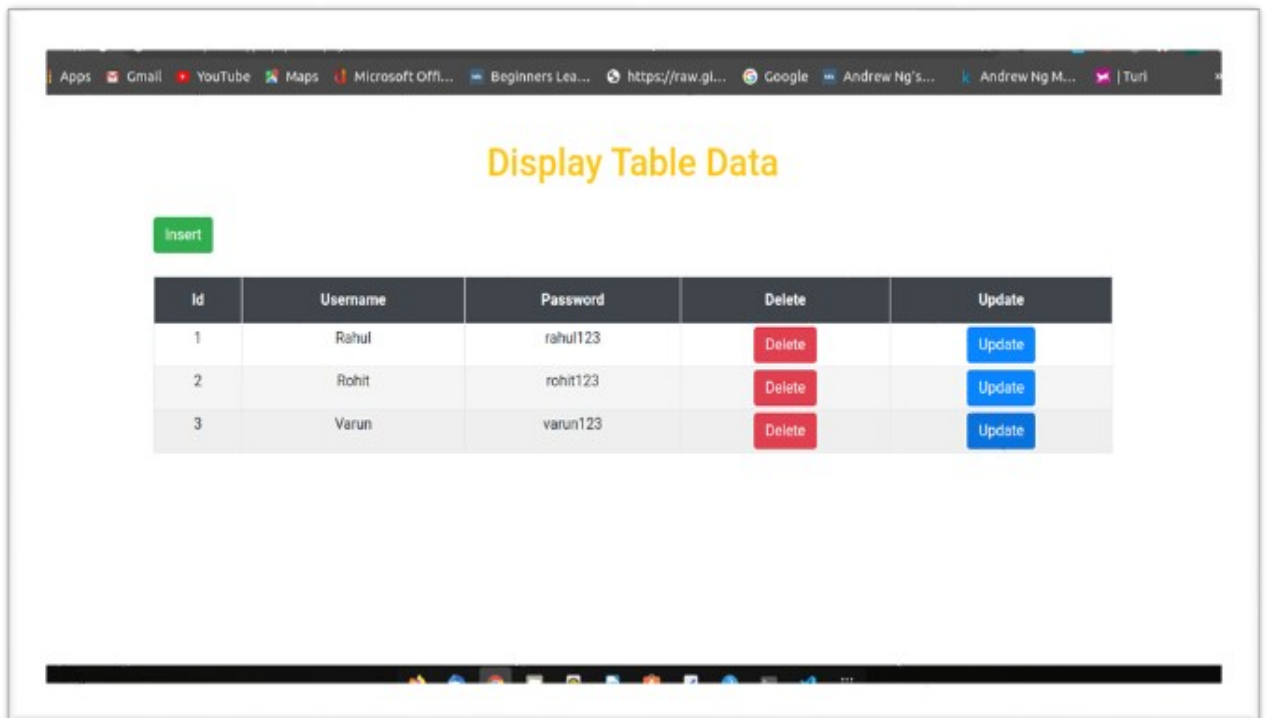
\*\*\*\*\*

Submit

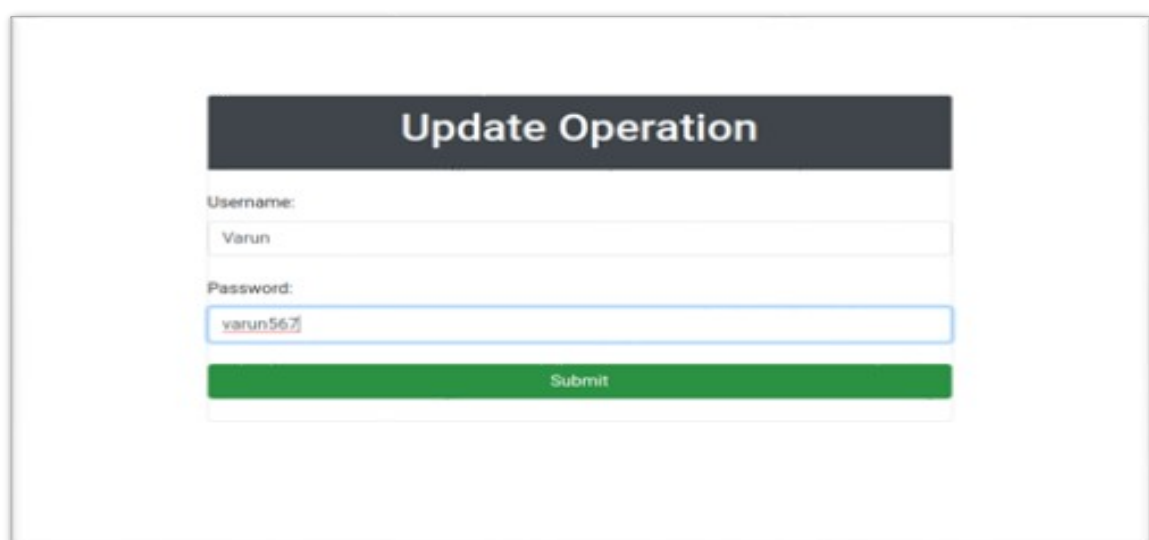
**Fig2.** Insert.php interface to insert data



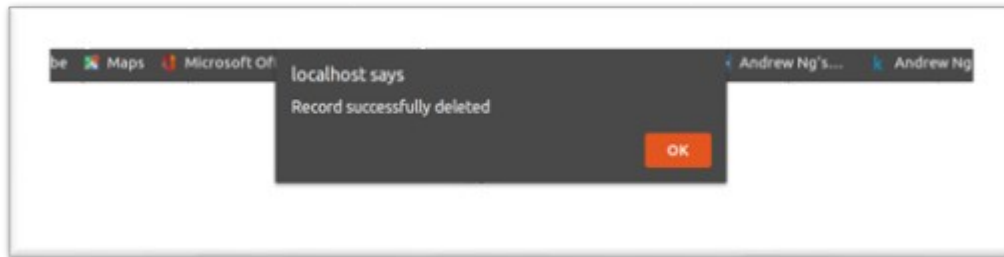
**Fig.3** Pop that shows 'data is inserted successfully'.



**Fig4.** Inserted data visible



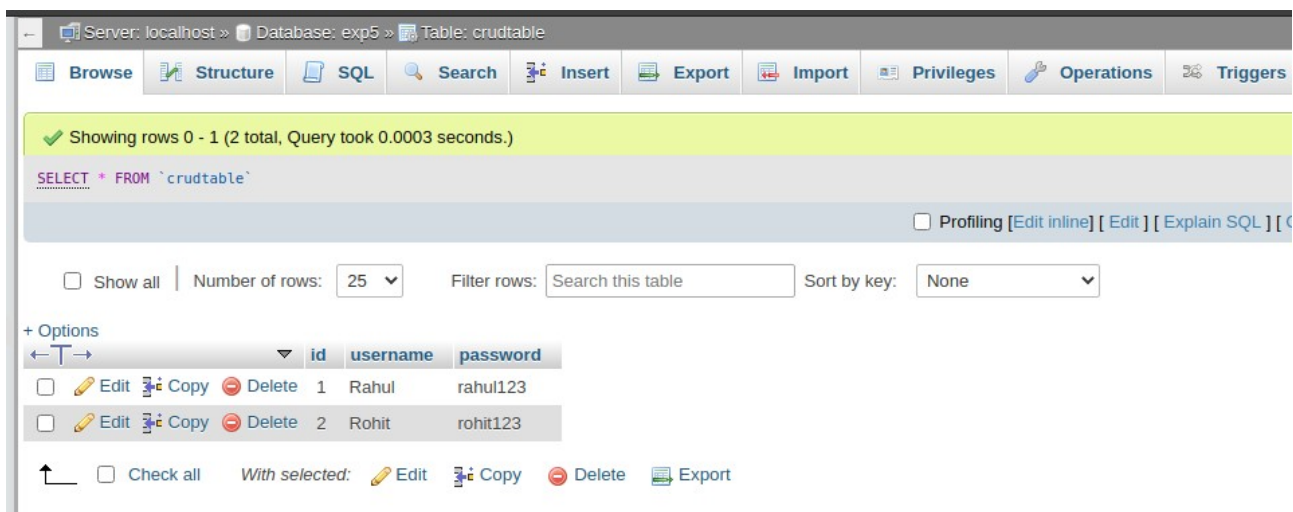
**Fig.5** update.php with Update Operation interface.



**Fig6.** Pop-up showing 'Data updated Successfully'.



**Fig7.** Deleted data is removed



**Fig.8** Database

**Conclusion :** Thus in this experiment we have successfully implemented CRUD System using PHP and MySQL.