



Green University of Bangladesh
Department of Computer Science and Engineering(CSE)
Faculty of Sciences and Engineering
Semester: (Fall, Year:2024), B.Sc. in CSE (Day)

LAB REPORT NO # 04
Course Title: Web Programming Lab
Course Code: CSE -302 Section:221-D1

Lab Experiment Name: PHP – CRUD Operations.

Student Details

Name		ID
1.	Hazrat Ali	221002388

Lab Date : 11-12-2024
Submission Date : 17-12-2024
Course Teacher's Name :Rusmita Halim Chaity

[For Teachers use only: **Don't Write Anything inside this box**]

Lab Report Status

Marks:

Signature:.....

Comments:.....

Date:.....

1.TITLE OF THE LAB EXPERIMENT

PHP – CRUD Operations.

1. OBJECTIVES:

- To be familiar with CRUD (create, read, update, and delete) Operations using PHP.

3. PROCEDURE

The CRUD acronym comprises all the major operations that are performed on a relational database.

It stands for: C = Create

R = Read

U = Update

D = Delete

4. IMPLEMENTATION

// Insert new data

```
if (isset($_POST['insert'])) {  
    $id = $_POST['id'];  
    $name = $_POST['name'];  
    $department = $_POST['department'];  
  
    if ($id && $name && $department) {  
        $query = "INSERT INTO students (id, name, department) VALUES ('$id', '$name', '$department')"; $mysqli->query($query);  
    }  
}  
  
// Delete data if  
(isset($_GET['delete_id'])) {  
    $id = $_GET['delete_id'];  
    $query = "DELETE FROM students WHERE id = $id";  
    $mysqli->query($query);  
}
```

5.TEST RESULT / OUTPUT

Insert new data :

Connected successfully

Student ID:

Student Name:

Department:

Insert

ID	Student Name	Student Dept.	Edit	Delete
221002171	Ferdous Hossen	CSE	Update	Delete
221002172	Asraful	CSE	Update	Delete
221002638	Taj	EEE	Update	Delete

Figure 1 : Update Data

Delete data :

Connected successfully

Student ID:

Student Name:

Department:

Insert

ID	Student Name	Student Dept.	Edit	Delete
221002171	Ferdous Hossen	CSE	Update	Delete
221002638	Taj	EEE	Update	Delete

Figure 2 : Delete Data

Update Database :

New

ferdaus

New

students

information_schema

mysql

performance_schema

phpmyadmin

student_management

test

Showing rows 0 - 1 (2 total, Query took 0.0003 seconds.)

SELECT * FROM `students`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

id

name

department

☐ Edit ☐ Copy ☐ Delete 221002171 Ferdous Hossen CSE

☐ Edit ☐ Copy ☐ Delete 221002638 Taj EEE

Figure 3 : Database Data

6. ANALYSIS AND DISCUSSION

- The implemented system successfully handles basic CRUD operations (Create, Read, Update, Delete).
- All operations reflect real-time updates in the database, ensuring data consistency.