

**LA GRANDEE INTERNATIONAL COLLEGE**

**Simalchaur, Pokhara, Nepal**

Assignment II

**Submitted to**

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La Grandee International College

Bachelor of Computer Application (BCA) Program

In partial fulfillment of the requirements for the degree of Program Name under

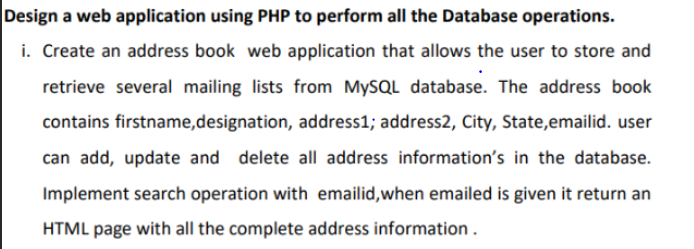
Pokhara University

**Submitted by**

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| **Name:** | **Course** | **Semester** | **P.U. Registration Number** |
| Subash Gurung | BCA | 6th | 2022-1-53-0147 |

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**Question:**



1. **Introduction**

This project is an Address Book web application developed using PHP and MySQL. It allows users to add, update, delete, and search address records with fields like name, designation, address, city, state, and email. The system includes input validation and stores data securely in the database, providing a simple and efficient way to manage mailing lists.

1. **db.php file code**
2. <?php
3. $host = "localhost";
4. $user = "root";
5. $pass = "";
6. $db = "assignment2";
7. $conn = new mysqli($host, $user, $pass, $db);
8. if ($conn->connect\_error) {
9. die("Connection failed: " . $conn->connect\_error);
10. }

**4.delete.php**

<?php

include 'db.php';

$id = $\_GET['id'];

$conn->query("DELETE FROM contacts WHERE id=$id");

echo "Deleted! <a href='index.php'>Back</a>";

?>

**5.index.php**

<?php include 'db.php'; ?>

<!DOCTYPE html>

<html>

<head><title>Address Book</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<h2>Add New Contact</h2>

<div class="container">

    <form action="insert.php" method="POST">

    First Name: <input name="firstname" required><br>

    Designation: <input name="designation"><br>

    Address1: <input name="address1"><br>

    Address2: <input name="address2"><br>

    City: <input name="city"><br>

    State: <input name="state"><br>

    Email: <input name="emailid" type="email" required><br>

    <button type="submit">Add</button>

</form>

</div>

<h2>Search Contact by Email</h2>

<div class="container">

<form action="search.php" method="GET">

    <input type="email" name="emailid" placeholder="Enter email">

    <button type="submit">Search</button>

</form>

</div>

<h2>All Contacts</h2>

<?php

$result = $conn->query("SELECT \* FROM contacts");

while($row = $result->fetch\_assoc()) {

    echo "<p>{$row['firstname']} | {$row['emailid']}

    <a href='update.php?id={$row['id']}'>Edit</a> |

    <a href='delete.php?id={$row['id']}'>Delete</a></p>";

}

?>

</body>

</html>

**6.insert.php**

<?php

include 'db.php';

$stmt = $conn->prepare("INSERT INTO contacts (firstname, designation, address1, address2, city, state, emailid)

VALUES (?, ?, ?, ?, ?, ?, ?)");

$stmt->bind\_param("sssssss", $\_POST['firstname'], $\_POST['designation'], $\_POST['address1'], $\_POST['address2'], $\_POST['city'], $\_POST['state'], $\_POST['emailid']);

$stmt->execute();

echo "Contact added! <a href='index.php'>Back</a>";

?>

**7.search.php**

<?php

include 'db.php';

$email = $\_GET['emailid'];

$result = $conn->query("SELECT \* FROM contacts WHERE emailid='$email'");

if ($result->num\_rows > 0) {

    $row = $result->fetch\_assoc();

    echo "<h2>Details</h2>";

    echo "<p>Name: {$row['firstname']}</p>";

    echo "<p>Designation: {$row['designation']}</p>";

    echo "<p>Address1: {$row['address1']}</p>";

    echo "<p>Address2: {$row['address2']}</p>";

    echo "<p>City: {$row['city']}</p>";

    echo "<p>State: {$row['state']}</p>";

    echo "<p>Email: {$row['emailid']}</p>";

} else {

    echo "No contact found.";

}

?>

**8.style.css**

body {

    font-family: Arial, sans-serif;

    background: #f2f2f2;

    margin: 20px;

    padding: 20px;

    color: #333;

}

.container {

    display: flex;

    flex-direction: column;

    align-items: center;

    justify-content: center;

    min-height: 10vh;

}

h2 {

    color: #444;

    margin-top: 40px;

    border-bottom: 2px solid #ddd;

    padding-bottom: 5px;

    align-items: center;

    justify-content: center;

    display: flex;

}

form {

    background: white;

    padding: 20px;

    margin-bottom: 20px;

    border-radius: 8px;

    box-shadow: 0 2px 5px rgba(0,0,0,0.1);

    width: 400px;

}

input {

    width: 100%;

    padding: 8px;

    margin: 8px 0;

    border: 1px solid #ccc;

    border-radius: 4px;

}

button {

    background-color: #4CAF50;

    color: white;

    padding: 10px 15px;

    border: none;

    border-radius: 4px;

    cursor: pointer;

    margin-top: 10px;

}

button:hover {

    background-color: #45a049;

}

p {

    background: white;

    padding: 10px;

    border-radius: 5px;

    margin-bottom: 10px;

}

a {

    color: #007bff;

    margin-left: 10px;

    text-decoration: none;

}

a:hover {

    text-decoration: underline;

}

**9.update.php**

<?php include 'db.php';

$id = $\_GET['id'];

$data = $conn->query("SELECT \* FROM contacts WHERE id=$id")->fetch\_assoc();

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

    $stmt = $conn->prepare("UPDATE contacts SET firstname=?, designation=?, address1=?, address2=?, city=?, state=?, emailid=? WHERE id=?");

    $stmt->bind\_param("sssssssi", $\_POST['firstname'], $\_POST['designation'], $\_POST['address1'], $\_POST['address2'], $\_POST['city'], $\_POST['state'], $\_POST['emailid'], $id);

    $stmt->execute();

    echo "Updated! <a href='index.php'>Back</a>";

} else {

?>

<form method="POST">

    First Name: <input name="firstname" value="<?= $data['firstname'] ?>"><br>

    Designation: <input name="designation" value="<?= $data['designation'] ?>"><br>

    Address1: <input name="address1" value="<?= $data['address1'] ?>"><br>

    Address2: <input name="address2" value="<?= $data['address2'] ?>"><br>

    City: <input name="city" value="<?= $data['city'] ?>"><br>

    State: <input name="state" value="<?= $data['state'] ?>"><br>

    Email: <input name="emailid" value="<?= $data['emailid'] ?>"><br>

    <button>Update</button>

</form>

<?php } ?>

**10.Snapshots**

