

**LAPORAN PRAKTIKUM  
PEMROGRAMAN BERBASIS WEB**

*“Tugas 4”*



Nama :

Muhammad Hakim / 4522210092

**PROGRAM STUDI TEKNIK INFORMATIKA  
UNIVERSITAS PANCASILA**

**2022**

# KODE

```
admin.php - pbw-prak - Visual Studio Code

buku-tamu > admin.php

1 <?php
2 session_start();
3 if (!isset($_SESSION['admin'])) {
4     header("Location: login.php");
5     exit();
6 }
7
8 require_once 'controllers/GuestController.php';
9
10 $guestController = new GuestController();
11
12 if (isset($_GET['delete_id'])) {
13     $id = $_GET['delete_id'];
14     $guestController->delete($id);
15     header("Location: admin.php");
16 }
17
18 $guests = $guestController->readAll();
19
20 include 'views/admin_dashboard.php';
21 ?>
22
23
```

EXPLORER

- pbw-prak
  - buku-tamu
    - config
    - controllers
    - models
    - views
      - admin.php
      - edit.php
      - index.php
      - login.php
      - logout.php
    - praktikum3
    - thewedding

OUTLINE

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF PHP Go Live

```
edit.php - pbw-prak - Visual Studio Code

buku-tamu > edit.php

1 <?php
2 session_start();
3 if (!isset($_SESSION['admin'])) {
4     header("Location: login.php");
5     exit();
6 }
7
8 require_once 'controllers/GuestController.php';
9
10 $guestController = new GuestController();
11
12 if (isset($_GET['id'])) {
13     $id = $_GET['id'];
14     $stmt = $guestController->readAll();
15     while ($row = $stmt->fetch(PDO::FETCH_ASSOC)) {
16         if ($row['id'] == $id) {
17             $name = $row['name'];
18             $comment = $row['comment'];
19             break;
20         }
21     }
22 }
23
24 if ($_SERVER['REQUEST_METHOD'] == 'POST') {
25     $id = $_POST['id'];
26     $name = $_POST['name'];

```

EXPLORER

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OUTLINE

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF PHP Go Live

```
edit.php - pbw-prak - Visual Studio Code

buku-tamu > edit.php
1 <?php
23
24     if ($ _SERVER['REQUEST_METHOD'] == 'POST') {
25         $id = $_POST['id'];
26         $name = $_POST['name'];
27         $comment = $_POST['comment'];
28         $guestController->update($id, $name, $comment);
29         header("Location: admin.php");
30     }
31
32 ?>
33
34 <!DOCTYPE html>
35 <html lang="en">
36 <head>
37     <meta charset="UTF-8">
38     <meta name="viewport" content="width=device-width, initial-scale=1.0">
39     <title>Document</title>
40 </head>
41 <body>
42     <h2>Edit Komentar</h2>
43     <form action="edit.php" method="post">
44         <input type="hidden" name="id" value="<?php echo $id; ?>">
45         <label for="name">Nama:</label><br>
46         <input type="text" name="name" value="<?php echo htmlspecialchars($name); ?>">
47         <label for="comment">Komentar:</label><br>
48         <input type="text" name="comment" value="<?php echo htmlspecialchars($comment); ?>">
49         <input type="submit" value="Update">
50     </form>
51 </body>
52 </html>
```

```
edit.php - pbw-prak - Visual Studio Code

buku-tamu > edit.php
32 ?>
33
34 <!DOCTYPE html>
35 <html lang="en">
36 <head>
37     <meta charset="UTF-8">
38     <meta name="viewport" content="width=device-width, initial-scale=1.0">
39     <title>Document</title>
40 </head>
41 <body>
42     <h2>Edit Komentar</h2>
43     <form action="edit.php" method="post">
44         <input type="hidden" name="id" value="<?php echo $id; ?>">
45         <label for="name">Nama:</label><br>
46         <input type="text" name="name" value="<?php echo htmlspecialchars($name); ?>">
47         <label for="comment">Komentar:</label><br>
48         <textarea name="comment" rows="5" required><?php echo htmlspecialchars($comment); ?>
49         <input type="submit" value="Update">
50     </form>
51 </body>
52 </html>
```

```
index.php - pbw-prak - Visual Studio Code

index.php x
buku-tamu > index.php
1 <?php
2     require_once 'controllers/GuestController.php';
3
4     $guestController = new GuestController();
5
6     if ($_SERVER['REQUEST_METHOD'] == 'POST') {
7         $name = $_POST['name'];
8         $comment = $_POST['comment'];
9         $guestController->create($name, $comment);
10        header("Location: index.php");
11    }
12
13    $guests = $guestController->readAll();
14
15
16 ?>
17
18 <!DOCTYPE html>
19 <html lang="en">
20 <head>
21     <meta charset="UTF-8">
22     <meta name="viewport" content="width=device-width, initial-scale=1.0">
23     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min"
24     <title>Document</title>
25 </head>
26 <body>
```

EXPLORER

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OUTLINE

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF PHP Go Live

```
index.php - pbw-prak - Visual Studio Code

index.php x
buku-tamu > index.php
16 ?>
17
18 <!DOCTYPE html>
19 <html lang="en">
20 <head>
21     <meta charset="UTF-8">
22     <meta name="viewport" content="width=device-width, initial-scale=1.0">
23     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min"
24     <title>Document</title>
25 </head>
26 <body>
27
28     <div class="container mt-4">
29         <div class="row row-cols-1 row-cols-md-2 g-4">
30             <?php include 'views/guest_form.php';?>
31             <?php include 'views/guest_list.php';?>
32         </div>
33     </div>
34
35     <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bun
36 </body>
37 </html>
```

EXPLORER

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OUTLINE

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF PHP Go Live

```
login.php - pbw-prak - Visual Studio Code

login.php
buku-tamu > login.php
1 <?php
2 session_start();
3 require_once 'controllers/AdminController.php';
4
5 $adminController = new AdminController();
6
7 if ($_SERVER['REQUEST_METHOD'] == 'POST') {
8     $username = $_POST['username'];
9     $password = $_POST['password'];
10
11     if ($adminController->login($username, $password)) {
12         $_SESSION['admin'] = $username;
13         header("Location: admin.php");
14     } else {
15         $error = "Username atau password salah!";
16     }
17 }
18
19 include 'views/admin_login.php';
20
21 if (isset($error)) {
22     echo "<p style='color:red;'>$error</p>";
23 }
24 ?>
```

EXPLORER

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OUTLINE

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF PHP Go Live

```
logout.php - pbw-prak - Visual Studio Code

logout.php
buku-tamu > logout.php
1 <?php
2 session_start();
3 session_unset();
4 session_destroy();
5 header("Location: login.php");
6 ?>
```

EXPLORER

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OUTLINE

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF PHP Go Live

```
Database.php - pbw-prak - Visual Studio Code

Database.php
buku-tamu > config > Database.php
1 <?php
2 class Database {
3     private $host = "localhost";
4     private $db_name = "buku_tamu";
5     private $username = "root";
6     private $password = "root";
7     public $conn;
8
9     public function getConnection() {
10         $this->conn = null;
11         try {
12             $this->conn = new PDO("mysql:host=" . $this->host . ";dbname=" . $this->db_name);
13             $this->conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
14         } catch(PDOException $exception) {
15             echo "Koneksi error: " . $exception->getMessage();
16         }
17         return $this->conn;
18     }
19 }
20 ?>
```

EXPLORER

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OUTLINE

Ln 6, Col 36 Spaces: 4 UTF-8 CRLF PHP Go Live

```
AdminController.php - pbw-prak - Visual Studio Code

AdminController.php
buku-tamu > controllers > AdminController.php

1 <?php
2 include_once __DIR__.'../config/Database.php';
3 include_once __DIR__.'../models/Admin.php';
4
5 class AdminController {
6     private $admin;
7
8     public function __construct() {
9         $database = new Database();
10        $db = $database->getConnection();
11        $this->admin = new Admin($db);
12    }
13
14    // Fungsi untuk login
15    public function login($username, $password) {
16        $this->admin->username = $username;
17        $this->admin->password = $password;
18        return $this->admin->login();
19    }
20 }
21 ?>
```

EXPLORER

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```
GuestController.php - pbw-prak - Visual Studio Code

GuestController.php
buku-tamu > controllers > GuestController.php

1 <?php
2 include_once __DIR__.'../config/Database.php';
3 include_once __DIR__.'../models/Guest.php';
4
5 class GuestController {
6     private $guest;
7
8     public function __construct() {
9         $database = new Database();
10        $db = $database->getConnection();
11        $this->guest = new Guest($db);
12    }
13
14    // Fungsi untuk menambahkan tamu baru
15    public function create($name, $comment) {
16        $this->guest->name = $name;
17        $this->guest->comment = $comment;
18        return $this->guest->create();
19    }
20
21    // Fungsi untuk mendapatkan semua data tamu
22    public function readAll() {
23        return $this->guest->readAll();
24    }
25
26    // Fungsi untuk menghapus tamu
```

EXPLORER

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OUTLINE

Ln 2, Col 24 (5 selected) | Spaces: 4 | UTF-8 | CRLF | PHP | Go Live

```
GuestController.php - pbw-prak - Visual Studio Code

GuestController.php
buku-tamu > controllers > GuestController.php

5 class GuestController {
20
21    // Fungsi untuk mendapatkan semua data tamu
22    public function readAll() {
23        return $this->guest->readAll();
24    }
25
26    // Fungsi untuk menghapus tamu
27    public function delete($id) {
28        $this->guest->id = $id;
29        return $this->guest->delete();
30    }
31
32    // Fungsi untuk mengupdate tamu
33    public function update($id, $name, $comment) {
34        $this->guest->id = $id;
35        $this->guest->name = $name;
36        $this->guest->comment = $comment;
37        return $this->guest->update();
38    }
39 }
40 ?>
```

EXPLORER

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```
Admin.php - pbw-prak - Visual Studio Code

buku-tamu > models > Admin.php

1  <?php
2      class Admin {
3          private $conn;
4          private $table_name = "admins";
5
6          public $id;
7          public $username;
8          public $password;
9
10         public function __construct($db) {
11             $this->conn = $db;
12         }
13
14         // Fungsi login admin
15         public function login() {
16             $query = "SELECT * FROM " . $this->table_name . " WHERE username = :username";
17             $stmt = $this->conn->prepare($query);
18
19             // Bersihkan data
20             $this->username = htmlspecialchars(strip_tags($this->username));
21
22             // Bind data
23             $stmt->bindParam(":username", $this->username);
24             $stmt->execute();
25
26             $row = $stmt->fetch(PDO::FETCH_ASSOC);
```

```
Admin.php - pbw-prak - Visual Studio Code

buku-tamu > models > Admin.php

15     public function login() {
26         $row = $stmt->fetch(PDO::FETCH_ASSOC);
27
28         if($row) {
29             if(password_verify($this->password, $row['password'])) {
30                 $this->id = $row['id'];
31                 return true;
32             }
33         }
34         return false;
35     }
36 }
37 ?>
```

```
Guest.php - pbw-prak - Visual Studio Code

buku-tamu > models > Guest.php

1  <?php
2      class Guest {
3          private $conn;
4          private $table_name = "guests";
5
6          public $id;
7          public $name;
8          public $comment;
9          public $created_at;
10
11         public function __construct($db) {
12             $this->conn = $db;
13         }
14
15         // Menambahkan data tamu baru
16         public function create() {
17             $query = "INSERT INTO " . $this->table_name . " SET name=:name, comment=:comment";
18             $stmt = $this->conn->prepare($query);
19
20             // Bersihkan data
21             $this->name = htmlspecialchars(strip_tags($this->name));
22             $this->comment = htmlspecialchars(strip_tags($this->comment));
23
24             // Bind data
25             $stmt->bindParam(":name", $this->name);
```

```
Guest.php - pbw-prak - Visual Studio Code

buku-tamu > models > Guest.php
1  <?php
2  class Guest {
16 public function create() {
24     // Bind data
25     $stmt->bindParam(":name", $this->name);
26     $stmt->bindParam(":comment", $this->comment);
27
28     if($stmt->execute()) {
29         return true;
30     }
31     return false;
32 }
33
34 // Mengambil semua data tamu
35 public function readAll() {
36     $query = "SELECT * FROM " . $this->table_name . " ORDER BY created_at
37     DESC";
38     $stmt = $this->conn->prepare($query);
39     $stmt->execute();
40     return $stmt;
41 }
42
43 // Menghapus data tamu
44 public function delete() {
45     $query = "DELETE FROM " . $this->table_name . " WHERE id = ?";
46     $stmt = $this->conn->prepare($query);
47 }
```

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    - thewedding

OUTLINE

Ln 3, Col 23 Spaces: 4 UTF-8 CRLF PHP Go Live

```
Guest.php - pbw-prak - Visual Studio Code

buku-tamu > models > Guest.php
1  <?php
2  class Guest {
53
54 // Mengupdate data tamu
55 public function update() {
56     $query = "UPDATE " . $this->table_name . " SET name=:name,
57     comment=:comment WHERE id=:id";
58     $stmt = $this->conn->prepare($query);
59
60 // Bersihkan data
61 $this->name = htmlspecialchars(strip_tags($this->name));
62 $this->comment = htmlspecialchars(strip_tags($this->comment));
63 $this->id = htmlspecialchars(strip_tags($this->id));
64
65 // Bind data
66 $stmt->bindParam(":name", $this->name);
67 $stmt->bindParam(":comment", $this->comment);
68 $stmt->bindParam(":id", $this->id);
69
70 if($stmt->execute()) {
71     return true;
72 }
73 return false;
74 }
75 }
76 }
```

EXPLORER

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OUTLINE

Ln 3, Col 23 Spaces: 4 UTF-8 CRLF PHP Go Live



```
admin_dashboard.php - pbw-prak - Visual Studio Code

admin_dashboard.php x
buku-tamu > views > admin_dashboard.php
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.
  min.css" rel="stylesheet"
  integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMHjY6hw
  +ALEwIH" crossorigin="anonymous">
7   <title>Document</title>
8 </head>
9 <body>
10
11   <div class="container mt-4">
12     <div class="d-flex align-items-end justify-content-between mb-5">
13       <div>
14         <h2>Dashboard Admin</h2>
15         <p class="mb-0">Selamat datang, Admin!</p>
16       </div>
17       <a type="button" class="btn btn-sm btn-danger" href="logout.
  php">Logout</a>
18     </div>
19
20     <div class="table-responsive">
21       <table class="table table-hover table-striped table-bordered">
22         <tr>
```

```
admin_dashboard.php - pbw-prak - Visual Studio Code

admin_dashboard.php x
buku-tamu > views > admin_dashboard.php
9 <body>
11   <div class="container mt-4">
20     <div class="table-responsive">
21       <table class="table table-hover table-striped table-bordered">
22         <tr>
23           <th>Nama</th>
24           <th>Komentar</th>
25           <th>Waktu</th>
26           <th>Aksi</th>
27         </tr>
28         <?php while ($row = $guests->fetch(PDO::FETCH_ASSOC)) { ?>
29         <tr>
30           <td><?php echo htmlspecialchars($row['name']); ?></td>
31           <td><?php echo htmlspecialchars($row['comment']); ?></td>
32           <td><?php echo $row['created_at']; ?></td>
33           <td>
34             <a href="edit.php?id=<?php echo $row['id']; ?>">Edit</a> |
35             <a href="admin.php?delete_id=<?php echo $row['id']; ?>"
  onclick="return confirm('Yakin ingin menghapus?')">Hapus</
  a>
36           </td>
37         </tr>
38         <?php } ?>
39       </table>
40     </div>
41   </div>
```

```
admin_login.php - pbw-prak - Visual Studio Code

buku-tamu > views > admin_login.php
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min"
7   <title>Document</title>
8 </head>
9 <body>
10   <div class="container mt-4">
11     <div class="card mx-auto" style="max-width: 300px; width:100%;">
12       <div class="card-header">
13         <h5>Login Admin</h5>
14       </div>
15       <div class="card-body">
16         <form action="login.php" method="post">
17           <div class="mb-3">
18             <label for="username" class="form-label">Username:</label>
19             <input type="text" name="username" class="form-control" req
20           </div>
21           <div class="mb-3">
22             <label for="password" class="form-label">Password:</label>
23             <input type="password" name="password" class="form-control"
24           </div>
25           <input type="submit" class="btn btn-primary" value="Login">
26         </form>
27       </div>
28     </div>
29   </div>
30 </body>
31 </html>
```

```
guest_form.php - pbw-prak - Visual Studio Code

buku-tamu > views > guest_form.php
1 <div class="col">
2   <div class="card">
3     <div class="card-header">
4       <h5>Selamat Datang di Buku Tamu</h5>
5     </div>
6     <div class="card-body">
7       <form action="index.php" method="post">
8         <div class="mb-3">
9           <label for="name" class="form-label">Nama:</label>
10          <input type="text" name="name" class="form-control" required>
11        </div>
12        <div class="mb-3">
13          <label for="comment" class="form-label">Komentar:</label>
14          <textarea name="comment" rows="5" class="form-control"
15            required></textarea>
16        </div>
17        <input type="submit" class="btn btn-primary" value="Kirim">
18      </form>
19    </div>
20  </div>
21 </div>
```

Visual Studio Code interface showing the file `guest_list.php` in the `views` directory of a project named `pbw-prak`.

```
1 <div class="col">
2   <h5>Daftar Komentar</h5>
3   <div class="table-responsive">
4     <table class="table table-hover table-striped table-bordered">
5       <tr>
6         <th>Nama</th>
7         <th>Komentar</th>
8         <th>Waktu</th>
9       </tr>
10      <?php while ($row = $guests->fetch(PDO::FETCH_ASSOC)) { ?>
11        <tr>
12          <td><?php echo htmlspecialchars($row['name']); ?></td>
13          <td><?php echo htmlspecialchars($row['comment']); ?></td>
14          <td><?php echo $row['created_at']; ?></td>
15        </tr>
16      <?php } ?>
17    </table>
18  </div>
19 </div>
```

The Explorer sidebar shows the project structure:

- pbw-prak
  - buku-tamu
    - config
    - controllers
    - models
    - views
      - admin\_dashboard.php
      - admin\_login.php
      - guest\_form.php
      - guest\_list.php
      - admin.php
      - edit.php
      - index.php
      - login.php
      - logout.php
  - praktikum3
  - thewedding

The status bar at the bottom indicates: Ln 9, Col 18 | Spaces: 4 | UTF-8 | CRLF | PHP | Go Live

# HASIL



### Selamat Datang di Buku Tamu

Nama:

Komentar:

Kirim

Daftar Komentar

Nama	Komentar	Waktu
Mamat	Keren	2024-09-27 11:32:48



### Login Admin

Username:

Password:

Login



## Dashboard Admin

Selamat datang, Admin!

Logout

Nama	Komentar	Waktu	Aksi
Mamat	Keren	2024-09-27 11:32:48	<a href="#">Edit</a>   <a href="#">Hapus</a>