

SCREENSHOOT

PEMROGRAMAN WEB DAN MOBILE 1



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KELAS : 1 (AP 1)

MODUL : III (PHP MySQL Database)

JURUSAN TEKNIK INFORMATIKA

FAKULTAS TEKNIK

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INDEX.PHP:

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Manajemen Pegawai AIPP</title>
8      <link rel="stylesheet" href="style.css">
9  </head>
10
11 <body>
12     <div class="container">
13         <h2>AIPP Employee Management</h2>
14         <!-- Form input pegawai -->
15         <form action="insert.php" method="POST">
16             <input type="text" name="id_pegawai" placeholder="ID Pegawai (Manual)">
17             <input type="text" name="nama" placeholder="Nama Pegawai" required>
18             <input type="text" name="alamat" placeholder="Alamat" required>
19             <input type="text" name="username" placeholder="Username" required>
20             <input type="password" name="password" placeholder="Password" required>
21             <select name="jabatan" required>
22                 <option value="">Pilih Jabatan</option>
23                 <?php
24                     // Koneksi ke database localhost PHPMyAdmin
25                     $conn = new mysqli('localhost', 'root', '', 'bengkel_mobil');
26
27                     if ($conn->connect_error) {
28                         die("Koneksi gagal: " . $conn->connect_error);
29                     }
30
31                     // Ambil data jabatan dari tabel jabatan
32                     $sql = "SELECT * FROM jabatan";
33                     $result = $conn->query($sql);
34
35                     if ($result->num_rows > 0) {
36                         while ($row = $result->fetch_assoc()) {
37                             echo "<option value='" . $row["ID_Jabatan"] . "'> . $row["Nama_Jabatan"] . "</option>";
38                         }
39                     }
40
41                     $conn->close();
42                 >?
43             </select>
44             <button type="submit" name="submit_insert">Simpan Pegawai</button>
45         </form>
46
47         <!-- Form hapus pegawai -->
48         <form action="delete.php" method="POST">
49             <input type="text" name="id_delete" placeholder="ID Pegawai yang akan dihapus" required>
50             <button type="submit" name="submit_delete">Hapus Pegawai</button>
51         </form>
52
53         <!-- Form update pegawai -->
54         <form action="update.php" method="POST">
55             <input type="text" name="id_update" placeholder="ID Pegawai yang akan diubah" required>
56             <input type="text" name="nama_baru" placeholder="Nama Pegawai Baru">
57             <input type="text" name="alamat_baru" placeholder="Alamat Baru">
58             <input type="text" name="username_baru" placeholder="Username Baru">
59             <input type="password" name="password_baru" placeholder="Password Baru">
60             <button type="submit" name="submit_update">Update Pegawai</button>
61         </form>
62
63         <!-- Tabel pegawai -->
64         <h3>Data Pegawai</h3>
65         <table border="1" cellspacing="0" cellpadding="5">
66             <tr>
67                 <th>ID Pegawai</th>
68                 <th>Nama</th>
69                 <th>Alamat</th>
70                 <th>Username</th>
71                 <th>Password</th>
72                 <th>Jabatan</th>
73             </tr>
74             <?php
75                 // Koneksi ke database localhost PHPMyAdmin
76                 $conn = new mysqli('localhost', 'root', '', 'bengkel_mobil');
77
78                 if ($conn->connect_error) {
79                     die("Koneksi gagal: " . $conn->connect_error);
80                 }
81         </table>
```

```

81
82 // Ambil data pegawai dari tabel pegawai dengan join ke tabel jabatan
83 $sql = "SELECT Pegawai.ID_Pegawai, Pegawai>Nama_Pegawai, Pegawai.Alamat, Pegawai.Username, Pegawai.Password, Jabatan>Nama_Jabatan
84 FROM Pegawai
85 JOIN Jabatan ON Pegawai.ID_Jabatan = Jabatan.ID_Jabatan";
86 $result = $conn->query($sql);
87
88 if ($result->num_rows > 0) {
89     while ($row = $result->fetch_assoc()) {
90         echo "<tr>";
91         echo "<td>" . $row["ID_Pegawai"] . "</td>";
92         echo "<td>" . $row["Nama_Pegawai"] . "</td>";
93         echo "<td>" . $row["Alamat"] . "</td>";
94         echo "<td>" . $row["Username"] . "</td>";
95         echo "<td>" . $row["Password"] . "</td>";
96         echo "<td>" . $row["Nama_Jabatan"] . "</td>";
97         echo "</tr>";
98     }
99 } else {
100     echo "<tr><td colspan='6'>Tidak ada data pegawai</td></tr>";
101 }
102
103 $conn->close();
104 ?>
105 </table>
106
107 <!-- Pesan peringatan -->
108 <?php
109 session_start();
110 if (isset($_SESSION['error'])) {
111     $error_message = $_SESSION['error'];
112     if ($error_message == 'id_pegawai_sudah_ada') {
113         echo "<p style='color: red;'>ID Pegawai sudah ada dalam database!</p>";
114     } elseif ($error_message == 'id_pegawai_tidak_ditemukan') {
115         echo "<p style='color: red;'>ID Pegawai tidak ditemukan dalam database!</p>";
116     }
117     // Hapus pesan dari session setelah ditampilkan
118     unset($_SESSION['error']);
119 }
120
121 // Pesan sukses
122 if (isset($_SESSION['success'])) {
123     $success_message = $_SESSION['success'];
124     if ($success_message == 'pegawai_ditambahkan') {
125         echo "<p style='color: green;'>Pegawai berhasil ditambahkan!</p>";
126     } elseif ($success_message == 'pegawai_dihapus') {
127         echo "<p style='color: green;'>Pegawai berhasil dihapus!</p>";
128     } elseif ($success_message == 'pegawai_diupdate') {
129         echo "<p style='color: green;'>Pegawai berhasil diupdate!</p>";
130     }
131     // Hapus pesan dari session setelah ditampilkan
132     unset($_SESSION['success']);
133 }
134 ?>
135 </div>
136 </body>
137
138 </html>

```

STYLE.CSS:

```

1 body {
2     font-family: "Arial", sans-serif;
3     background-color: #111;
4     color: #fff;
5 }
6
7 .container {
8     max-width: 600px;
9     margin: 50px auto;
10    padding: 20px;
11    border: 2px solid transparent;
12    border-radius: 10px;
13    box-shadow: 0 0 10px #444;
14    background: linear-gradient(45deg, #000000, #444444, #888888, #cccccc);
15    background-size: 400% 400%;
16    animation: gradient 10s infinite linear;
17 }
18
19 @keyframes gradient {
20     0% {
21         background-position: 0% 50%;
22     }
23     50% {
24         background-position: 100% 50%;
25     }
26     100% {
27         background-position: 0% 50%;
28     }
29 }
30
31 h2 {
32     text-align: center;
33 }
34
35 form {
36     margin-bottom: 20px;
37 }
38

```

```

39 input[type="text"],
40 input[type="password"],
41 select {
42     width: 95%;
43     padding: 10px;
44     margin-bottom: 10px;
45     border: 1px solid transparent;
46     border-radius: 4px;
47     background-color: #222;
48     color: #fff;
49 }
50
51 input[type="text"]:focus,
52 input[type="password"]:focus,
53 select:focus {
54     outline: none;
55     border-color: rgba(255, 255, 255, 0.2);
56 }
57
58 button {
59     background-color: #15b400;
60     color: #fff;
61     padding: 10px 20px;
62     border: none;
63     border-radius: 4px;
64     cursor: pointer;
65 }
66
67 button:hover {
68     background-color: #f6ff00;
69     color: #111;
70 }
71
72 select {
73     appearance: none;
74     width: 30%;
75     -webkit-appearance: none;
76     -moz-appearance: none;
77     background-image: url([data:image/svg+xml;utf8,<svg fill="#23fff" height="24" viewBox="0 0 24 24" width="24" xmlns="http://www.w3.org/2000/svg"><path d="M7 10 5 5 15 5" /><path d="M0 0 24 24" />]);
78     background-repeat: no-repeat;
79     background-position: right 10px top 50%;
80     background-size: 24px;
81 }
82
83 select:hover {
84     border-color: rgba(255, 255, 255, 0.2);
85 }
86

```

INSERT.PHP:

```

1 <?php
2 session_start();
3
4 $conn = new mysqli('localhost', 'root', '', 'bengkel_mobil');
5
6 if ($conn->connect_error) {
7     die("Koneksi gagal: " . $conn->connect_error);
8 }
9
10 if (isset($_POST['submit_insert'])) {
11     $id_pegawai = $_POST['id_pegawai'];
12     $nama = $_POST['nama'];
13     $alamat = $_POST['alamat'];
14     $username = $_POST['username'];
15     $password = $_POST['password'];
16     $jabatan = $_POST['jabatan'];
17
18     // Periksa apakah ID pegawai sudah ada dalam database
19     $check_query = "SELECT * FROM Pegawai WHERE ID_Pegawai='$id_pegawai'";
20     $result = $conn->query($check_query);
21     if ($result->num_rows > 0) {
22         // Jika ID pegawai sudah ada, simpan pesan error ke dalam session
23         $_SESSION['error'] = 'id_pegawai_sudah_ada';
24     } else {
25         // Lakukan penyimpanan data pegawai ke dalam database
26         $insert_query = "INSERT INTO Pegawai (ID_Pegawai, ID_Jabatan, Nama_Pegawai, Alamat, Username, PASSWORD)
27             VALUES ('$id_pegawai', '$jabatan', '$nama', '$alamat', '$username', '$password')";
28
29         if ($conn->query($insert_query) === TRUE) {
30             // Jika berhasil, simpan pesan sukses ke dalam session
31             $_SESSION['success'] = 'pegawai_ditambahkan';
32         } else {
33             echo "Error: " . $insert_query . "<br>" . $conn->error;
34         }
35     }
36 }
37
38 $conn->close();
39
40 // Redirect kembali ke halaman index.php
41 header("Location: index.php");
42 exit();
43

```

DELETE.PHP:

```
delete.php > ...
1  <?php
2  session_start();
3
4  $conn = new mysqli('localhost', 'root', '', 'bengkel_mobil');
5
6  if ($conn->connect_error) {
7      die("Koneksi gagal: " . $conn->connect_error);
8  }
9
10 if (isset($_POST['submit_delete'])) {
11     $id_delete = $_POST['id_delete'];
12
13     // Periksa apakah ID pegawai ada dalam database
14     $check_query = "SELECT * FROM Pegawai WHERE ID_Pegawai='$id_delete'";
15     $result = $conn->query($check_query);
16     if ($result->num_rows == 0) {
17         // Jika ID pegawai tidak ada, simpan pesan error ke dalam session
18         $_SESSION['error'] = 'id_pegawai_tidak_ditemukan';
19     } else {
20         // Lakukan penghapusan data pegawai dari database
21         $delete_query = "DELETE FROM Pegawai WHERE ID_Pegawai='$id_delete'";
22
23         if ($conn->query($delete_query) === TRUE) {
24             // Jika berhasil, simpan pesan sukses ke dalam session
25             $_SESSION['success'] = 'pegawai_dihapus';
26         } else {
27             echo "Error: " . $delete_query . "<br>" . $conn->error;
28         }
29     }
30 }
31
32 $conn->close();
33
34 // Redirect kembali ke halaman index.php
35 header("Location: index.php");
36 exit();
37
```

UPDATE.PHP:

```
update.php > ...
1  <?php
2  session_start();
3
4  $conn = new mysqli('localhost', 'root', '', 'bengkel_mobil');
5
6  if ($conn->connect_error) {
7      die("Koneksi gagal: " . $conn->connect_error);
8  }
9
10 if (isset($_POST['submit_update'])) {
11     $id_update = $_POST['id_update'];
12     $nama_baru = $_POST['nama_baru'];
13     $alamat_baru = $_POST['alamat_baru'];
14     $username_baru = $_POST['username_baru'];
15     $password_baru = $_POST['password_baru'];
16
17     // Periksa apakah ID pegawai ada dalam database
18     $check_query = "SELECT * FROM Pegawai WHERE ID_Pegawai='$id_update'";
19     $result = $conn->query($check_query);
20     if ($result->num_rows == 0) {
21         // Jika ID pegawai tidak ada, simpan pesan error ke dalam session
22         $_SESSION['error'] = 'id_pegawai_tidak_ditemukan';
23     } else {
24         // Lakukan update data pegawai di dalam database
25         $update_query = "UPDATE Pegawai SET Nama_Pegawai='$nama_baru', Alamat='$alamat_baru', Username='$username_baru', PASSWORD='$password_baru' WHERE ID_Pegawai='$id_update'";
26
27         if ($conn->query($update_query) === TRUE) {
28             // Jika berhasil, simpan pesan sukses ke dalam session
29             $_SESSION['success'] = 'pegawai_diupdate';
30         } else {
31             echo "Error: " . $update_query . "<br>" . $conn->error;
32         }
33     }
34 }
35
36 $conn->close();
37
38 // Redirect kembali ke halaman index.php
39 header("Location: index.php");
40 exit();

```

OUTPUT:

AIPP Employee Management

Form fields for adding/updating an employee:

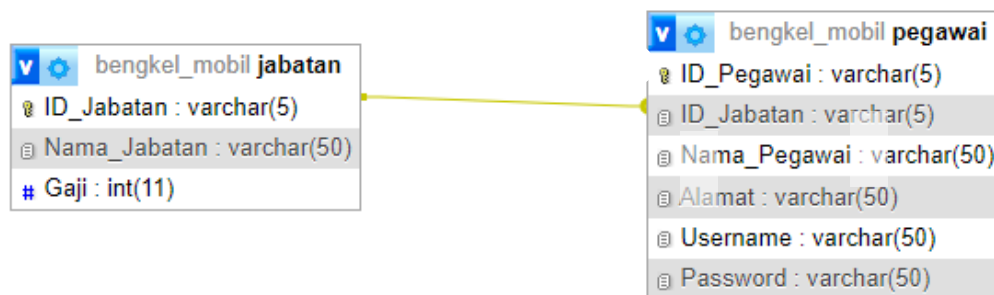
- ID Pegawai (Mandatory)
- Nama Pegawai
- Alamat
- Username
- Password
- Pilih Jabatan (Dropdown menu)
- Tampilkan Pegawai (Button)

Buttons: Hapus Pegawai, Tampilkan Pegawai

Data Pegawai

ID Pegawai	Nama	Alamat	Username	Password	Jabatan
P001	Budi	Jl. Bapakmu KM 5	budi	budi123	MANAJER
P002	Susi	Jl. Kalimana	susi	susi123	KASIR
P003	Rudi	Jl. Jalan Aja	rudi	rudi123	MONTIR
P004	Tenz	Jl. Cinta NO 20	tenz	tenz123	MONTIR
P005	Jhonson	Jl. Valir	john	john123	KASIR

RELASI TABEL PADA DATABASE:



DATABASE:

1. Tabel Jabatan

				ID_Jabatan	Nama_Jabatan	Gaji
<input type="checkbox"/>				J001	MANAJER	10000000
<input type="checkbox"/>				J002	KASIR	5000000
<input type="checkbox"/>				J003	MONTIR	7000000

2. Tabel Pegawai

				ID_Pegawai	ID_Jabatan	Nama_Pegawai	Alamat	Username	Password
<input type="checkbox"/>				P001	J001	Budi	Jl. Bapakmu KM 5	budi	budi123
<input type="checkbox"/>				P002	J002	Susi	Jl. Kalimana	susi	susi123
<input type="checkbox"/>				P003	J003	Rudi	Jl. Jalan Aja	rudi	rudi123
<input type="checkbox"/>				P004	J003	Tenz	Jl. Cinta NO 20	tenz	tenz123
<input type="checkbox"/>				P005	J002	Jhonson	Jl. Valir	john	john123