

## **SCREENSHOOT**

### **PEMROGRAMAN WEB DAN MOBILE 1**



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**KELAS : 1 (AP 1)**

**MODUL : IV (Asynchronous JavaScript and XML (AJAX))**

**JURUSAN TEKNIK INFORMATIKA**

**FAKULTAS TEKNIK**

**UNIVERSITAS PALANGKA RAYA**

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## INDEX.PHP:

```
1  </php
2  session_start();
3
4  // Hapus semua data sesi
5  session_unset();
6
7  // Akhiri sesi
8  session_destroy();
9  ?>
10 <!DOCTYPE html>
11 <html>
12
13 <head>
14   <title>Hasil Pemilu</title>
15   <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>
16   <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
17   <link rel="stylesheet" href="style.css">
18 </head>
19
20 <body>
21   <div id="container">
22     <div id="menu">
23       <button onclick="location.href='login.php'" class="btn">Login</button>
24       <button onclick="location.href='register.php'" class="btn">Register</button>
25     </div>
26     <div id="chart-container">
27       <h1>Hasil Pemilu</h1>
28       <canvas id="myChart" width="400" height="400"></canvas>
29     </div>
30   </div>
31
32   <script>
33     var ctx = document.getElementById("myChart").getContext('2d');
34     var myChart = new Chart(ctx, {
35       type: 'bar',
36       data: {
37         labels: [], // Label calon akan diisi dari data yang didapatkan melalui AJAX
38         datasets: [{
39           label: 'Jumlah Suara',
40           data: [], // Data suara akan diisi dari data yang didapatkan melalui AJAX
41           backgroundColor: [
42             'rgba(255, 99, 132, 0.2)',
43             'rgba(54, 162, 235, 0.2)',
44             'rgba(255, 206, 86, 0.2)',
45             'rgba(75, 192, 192, 0.2)',
46             'rgba(153, 102, 255, 0.2)'
47           ],
48           borderColor: [
49             'rgba(255, 99, 132, 1)',
50             'rgba(54, 162, 235, 1)',
51             'rgba(255, 206, 86, 1)',
52             'rgba(75, 192, 192, 1)',
53             'rgba(153, 102, 255, 1)'
54           ],
55           borderWidth: 1
56         }]
57       },
58       options: {
59         scales: {
60           y: {
61             beginAtZero: true
62           }
63         }
64       }
65     });
66
67     $(document).ready(function() {
68       $.ajax({
69         url: 'koneksi.php',
70         type: 'GET',
71         success: function(data) {
72           var hasil = JSON.parse(data);
73           var labels = [];
74           var suara = [];
75           for (var key in hasil) {
76             labels.push(hasil[key]['nama_kandidat']);
77             suara.push(hasil[key]['jumlah_suara']);
78           }
79           myChart.data.labels = labels;
80           myChart.data.datasets[0].data = suara;
81           myChart.update();
82         }
83       });
84     });
85   </script>
86 </body>
87
88 </html>
```

## STYLE.CSS:

```
1  body {
2      display: flex;
3      justify-content: center;
4      align-items: center;
5      height: 100vh;
6      margin: 0;
7      padding: 0;
8      background-color: #f0f0f0;
9  }
10 h1 {
11     text-align: center;
12 }
13 #container {
14     max-width: 600px;
15     padding: 20px;
16 }
17 #menu {
18     text-align: center;
19     margin-bottom: 20px;
20 }
21 #menu .btn {
22     margin-right: 10px;
23     padding: 10px 20px;
24     background-color: #007bff;
25     color: #fff;
26     border: none;
27     border-radius: 5px;
28     cursor: pointer;
29     transition: background-color 0.3s ease;
30 }
31 #menu .btn:hover {
32     color: #000;
33     background-color: #e6ff00;
34 }
35 #menu .btn:active {
36     transform: translateY(2px);
37 }
38 #chart-container {
39     background-color: #fff;
40     border-radius: 10px;
41     box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
42 }
```

## CONNECTION.PHP:

```
1  <?php
2  $host = "localhost";
3  $username = "root";
4  $password = "";
5  $database = "Pemilu";
6
7  $koneksi = mysqli_connect($host, $username, $password, $database);
8
9  if (!$koneksi) {
10     die("Koneksi gagal: " . mysqli_connect_error());
11 }
12
13 $query = "SELECT K.nama_kandidat, JS.jumlah_suara
14         FROM Kandidat K INNER JOIN Jumlah_Suara JS ON K.id_kandidat = JS.id_kandidat";
15 $result = mysqli_query($koneksi, $query);
16
17 $data = [];
18 while ($row = mysqli_fetch_assoc($result)) {
19     $data[] = $row;
20 }
21
22 echo json_encode($data);
23
24 mysqli_close($koneksi);
25
```

## REGISTER.PHP:

```
1  <!DOCTYPE html>
2  <html>
3
4  <head>
5      <title>Register</title>
6      <link rel="stylesheet" href="style.css">
7  </head>
8
9  <body>
10     <div id="container">
11         <div id="register-form" class="form-container">
12             <h2>Register</h2>
13             <form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>" method="post">
14                 <div class="form-group">
15                     <input type="text" name="nama" placeholder="Nama" required>
16                 </div>
17                 <div class="form-group">
18                     <input type="email" name="email" placeholder="Email" required>
19                 </div>
20                 <div class="form-group">
21                     <input type="password" name="password" placeholder="Password" required>
22                 </div>
23                 <div class="form-group">
24                     <input type="text" name="alamat" placeholder="Alamat" required>
25                 </div>
26                 <div class="form-group">
27                     <input type="tel" name="no_telp" placeholder="Nomor Telepon" required>
28                 </div>
29                 <button type="submit" class="btn" name="register">Register</button>
30             </form>
31             <p>Sudah punya akun? <a href="login.php">Login</a></p>
32         </div>
33     </div>
34
35     <?php
36     // Proses registrasi
37     if ($_SERVER["REQUEST_METHOD"] == "POST") {
38         // Menerima data dari formulir
39         $nama = $_POST["nama"];
40         $email = $_POST["email"];
41         $password = $_POST["password"];
42         $alamat = $_POST["alamat"];
43         $no_telp = $_POST["no_telp"];
44
45         // Koneksi ke database
46         $host = "localhost";
47         $username = "root";
48         $password_db = "";
49         $database = "Pemilu";
50
51         $koneksi = mysqli_connect($host, $username, $password_db, $database);
52
53         if (!$koneksi) {
54             die("Koneksi gagal: " . mysqli_connect_error());
55         }
56
57         // Query untuk memasukkan data pemilih ke database
58         $query = "INSERT INTO Pemilih (nama_pemilih, email_pemilih, password_pemilih, alamat_pemilih, no_telp) VALUES ('$nama', '$email', '$password', '$alamat', '$no_telp')";
59
60         if (mysqli_query($koneksi, $query)) {
61             echo "<p>Registrasi berhasil. Silakan <a href='login.php'>login</a>.</p>";
62         } else {
63             echo "Error: " . $query . "<br>" . mysqli_error($koneksi);
64         }
65
66         mysqli_close($koneksi);
67     }
68     >
69 </body>
70
71 </html>
```

# LOGIN.PHP:

```
1  </php
2  session_start();
3
4  // Cek apakah pengguna sudah login, jika sudah arahkan ke coblos.php
5  if (isset($_SESSION["id_pemilih"])) {
6      header("location: coblos.php");
7      exit;
8  }
9
10 // Proses login
11 if ($_SERVER["REQUEST_METHOD"] == "POST") {
12     // Menerima data dari formulir
13     $email = $_POST["email"];
14     $password = $_POST["password"];
15
16     // Koneksi ke database
17     $host = "localhost";
18     $username = "root";
19     $password_db = "";
20     $database = "Pemilu";
21
22     $koneksi = mysqli_connect($host, $username, $password_db, $database);
23
24     if (!$koneksi) {
25         die("Koneksi gagal: " . mysqli_connect_error());
26     }
27
28     // Query untuk mencari pemilih berdasarkan email dan password
29     $query = "SELECT * FROM Pemilih WHERE email_pemilih = '$email' AND password_pemilih = '$password'";
30     $result = mysqli_query($koneksi, $query);
31
32     if (mysqli_num_rows($result) == 1) {
33         // Jika data ditemukan, cek status pemilih
34         $row = mysqli_fetch_assoc($result);
35         if ($row["status_pemilih"] == "Sudah Memilih") {
36             // Jika pemilih sudah memilih, tampilkan pesan dan arahkan kembali ke index.php
37             $error = "Anda sudah memilih!";
38         } else {
39             // Jika belum memilih, set session dan arahkan ke halaman coblos.php
40             $_SESSION["id_pemilih"] = $row["id_pemilih"];
41             header("location: coblos.php");
42             exit;
43         }
44     } else {
45         // Jika data tidak ditemukan, tampilkan pesan error
46         $error = "Email atau password salah!";
47     }
48
49     mysqli_close($koneksi);
50 }
51 ?>
52
53 <!DOCTYPE html>
54 <html>
55
56 <head>
57     <title>Login</title>
58     <link rel="stylesheet" href="style.css">
59 </head>
60
61 <body>
62     <div id="container">
63         <div id="login-form" class="form-container">
64             <h2>Login</h2>
65             <form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>" method="post">
66                 <div class="form-group">
67                     <input type="email" name="email" placeholder="Email" required>
68                 </div>
69                 <div class="form-group">
70                     <input type="password" name="password" placeholder="Password" required>
71                 </div>
72                 <button type="submit" class="btn" name="login">Login</button>
73             </form>
74             <?php
75             // Tampilkan pesan error jika login gagal atau pemilih sudah memilih
76             if (isset($error)) {
77                 echo "<p>$error</p>";
78             }
79             ?>
80             <p>Belum punya akun? <a href="register.php">Register</a></p>
81         </div>
82     </div>
83 </body>
84
85 </html>
```

## COBLOS.PHP:






```
1 <?php
2 session_start();
3
4 // Cek apakah pengguna sudah login, jika belum arahkan ke halaman login.php
5 if (!isset($_SESSION["id_pemilih"])) {
6     header("location: login.php");
7     exit;
8 }
9
10 // Cek apakah pengguna sudah mencoblos, jika sudah arahkan ke halaman index.php
11 if (isset($_SESSION["sudah_coblos"])) {
12     header("location: index.php");
13     exit;
14 }
15
16 // Proses coblos
17 if ($_SERVER["REQUEST_METHOD"] == "POST") {
18     // Menerima data dari formulir
19     $id_kandidat = $_POST["kandidat"];
20
21     // Koneksi ke database
22     $host = "localhost";
23     $username = "root";
24     $password_db = "";
25     $database = "Pemilu";
26
27     $koneksi = mysqli_connect($host, $username, $password_db, $database);
28
29     if (!$koneksi) {
30         die("Koneksi gagal: " . mysqli_connect_error());
31     }
32
33     // Ambil id_pemilih dari session
34     $id_pemilih = $_SESSION["id_pemilih"];
35
36     // Query untuk memasukkan data coblos ke dalam tabel HasilPemilihan
37     $query = "INSERT INTO HasilPemilihan (id_pemilih, id_kandidat) VALUES ('$id_pemilih', '$id_kandidat')";
38
39     if (mysqli_query($koneksi, $query)) {
40         // Set session sudah_coblos menjadi true
41         $_SESSION["sudah_coblos"] = true;
42         header("location: index.php");
43         exit;
44     } else {
45         echo "Error: " . $query . "<br>" . mysqli_error($koneksi);
46     }
47     mysqli_close($koneksi);
48 }
49 ?>
50
51 <!DOCTYPE html>
52 <html>
53
54 <head>
55     <title>Coblos</title>
56     <link rel="stylesheet" href="coblos.css">
57 </head>
58
59 <body>
60     <div id="container">
61         <div id="coblos-form" class="form-container">
62             <h2>Coblos</h2>
63             <?php
64                 // Koneksi ke database
65                 $host = "localhost";
66                 $username = "root";
67                 $password_db = "";
68                 $database = "Pemilu";
69
70                 $koneksi = mysqli_connect($host, $username, $password_db, $database);
71
72                 if (!$koneksi) {
73                     die("Koneksi gagal: " . mysqli_connect_error());
74                 }
75
76                 // Query untuk mengambil data kandidat
77                 $query = "SELECT * FROM Kandidat";
78                 $result = mysqli_query($koneksi, $query);
79
80                 // Tampilkan opsi kandidat dalam dropdown
81                 while ($row = mysqli_fetch_assoc($result)) {
82                     echo "<div class='kandidat-info'>";
83                     echo "<h3>" . $row["nama_kandidat"] . "</h3>";
84                     echo "<p>Partai: " . $row["partai_kandidat"] . "</p>";
85                     echo "<p>Motto: " . $row["motto_kandidat"] . "</p>";
86                     echo "<form action='coblos.php' method='post'>";
87                     echo "<button type='submit' class='btn' name='kandidat' value='" . $row['id_kandidat'] . "'>Coblos</button>";
88                     echo "</form>";
89                     echo "</div>";
90                 }
91
92                 mysqli_close($koneksi);
93             ?>
94         </div>
95     </div>
```

## COBLOS.CSS:

```
1  body {
2    font-family: Arial, sans-serif;
3    background-color: #f0f0f0;
4    margin: 0;
5    padding: 0;
6  }
7
8  #container {
9    display: flex;
10   justify-content: center;
11   align-items: center;
12   height: 100vh;
13 }
14
15 #coblos-form {
16   background-color: #fff;
17   padding: 20px;
18   border-radius: 10px;
19   box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
20   max-width: 600px;
21   width: 100%;
22 }
23
24 h2 {
25   text-align: center;
26 }
27
28 .form-group {
29   margin-bottom: 20px;
30 }
31
32 .form-group label {
33   display: block;
34   font-weight: bold;
35 }
36
37 select {
38   width: 100%;
39   padding: 10px;
40   border-radius: 5px;
41   border: 1px solid #ccc;
42   font-size: 16px;
43 }
44
45 .btn {
46   display: block;
47   width: 100%;
48   padding: 10px;
49   background-color: #007bff;
50   color: #fff;
51   border: none;
52   border-radius: 5px;
53   font-size: 16px;
54   cursor: pointer;
55   transition: background-color 0.3s ease;
56 }
57
58 .btn:hover {
59   background-color: #ff0000;
60 }
61
62 /* Style untuk keterangan kandidat */
63 .kandidat-info {
64   margin-bottom: 20px;
65 }
66
67 .kandidat-info h3 {
68   margin-bottom: 5px;
69 }
70
71 .kandidat-info p {
72   margin: 0;
73 }
74
```

## DATABASE:

### 1. Tabel Pemilih

			id_pemilih	nama_pemilih	email_pemilih	password_pemilih	alamat_pemilih	no_telp	status_pemilih	
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	II001	Irwin	aipirwin@gmail.com	aipp123	jl.iskandar	082254892043	Sudah Memilih
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	PP002	Putra Pangesti Yeah	pangesti@gmail.com	pangesti	jl.mana aja	082254892043	Sudah Memilih
<input type="checkbox"/>	 Ubah	 Salin	 Hapus	YY003	yokoso	yo@gmail.com	12345	jl.yos	0821345263	Belum Memilih

### 2. Tabel Kandidat

					id_kandidat	nama_kandidat	motto_kandidat	partai_kandidat
<input type="checkbox"/>	 Ubah	 Salin	 Hapus		K001	Joko Widodo	Kerja Keras	PDIP
<input type="checkbox"/>	 Ubah	 Salin	 Hapus		K002	Prabowo Subianto	Kerja Cerdas	Gerindra
<input type="checkbox"/>	 Ubah	 Salin	 Hapus		K003	Anies Baswedan	Kerja Tuntas	PKS
<input type="checkbox"/>	 Ubah	 Salin	 Hapus		K004	Ridwan Kamil	Kerja Nyata	PKB
<input type="checkbox"/>	 Ubah	 Salin	 Hapus		K005	Ganjar Pranowo	Kerja Ikhlas	Golkar

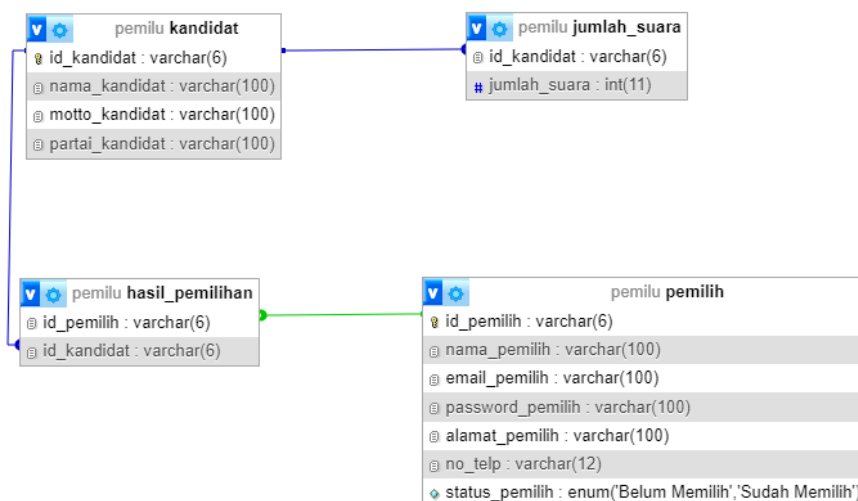
### 3. Tabel Hasil Pemilihan

id_pemilih	id_kandidat
II001	K002
PP002	K001

### 4. Tabel Jumlah Suara

id_kandidat	jumlah_suara
K001	1
K002	1
K003	0
K004	0
K005	0

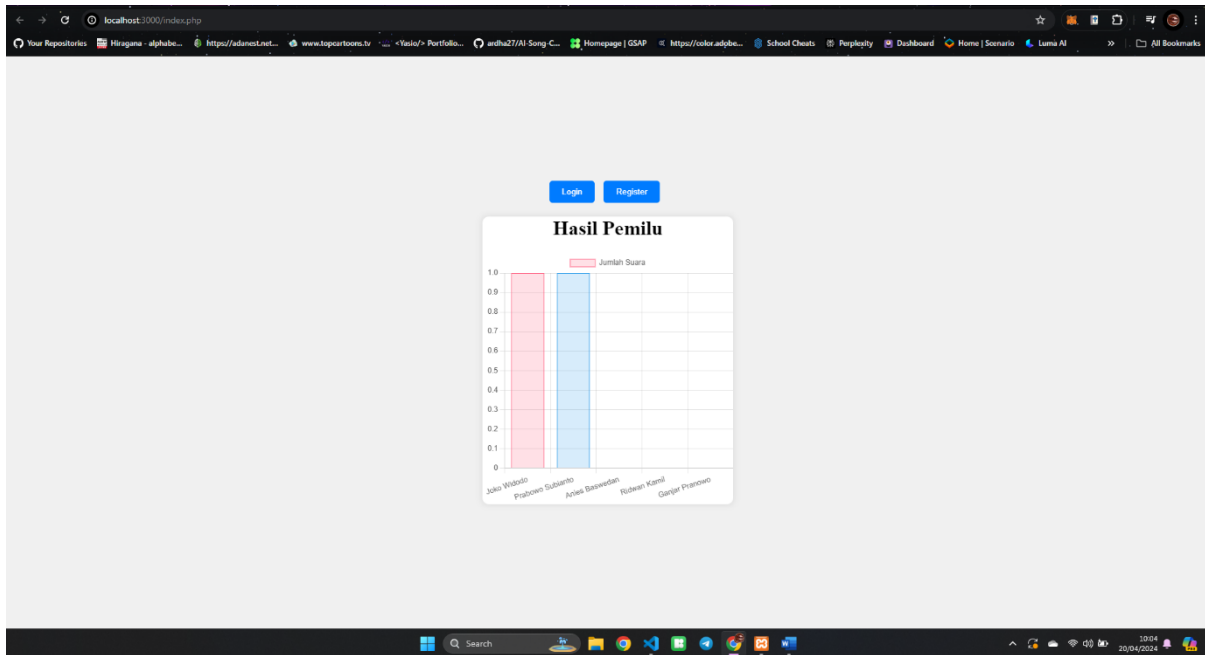
### 5. Relasi Antar Tabel





## OUTPUT:

### A. Index.PHP / Laman Utama



### B. Register.PHP

The screenshot displays the registration page. It features a form titled 'Register' with the following fields: Name, Email, Password, Address, and Nomor Telepon (Phone Number). Below the form is a 'Register' button. At the bottom of the page, there is a link: 'Sudah punya akun? [Login](#)'.

[illegible]

Coblos

Joko Widodo

Partai: PDIP  
Motto: Kerja Keras

Coblos

Prabowo Subianto

Partai: Gerindra  
Motto: Kerja Cerdas

Coblos

Anies Baswedan

Partai: PKS  
Motto: Kerja Tuntas

Coblos

Ridwan Kamil

Partai: PKB  
Motto: Kerja Nyala

Coblos

Ganjar Pranowo

Partai: Golkar  
Motto: Kerja Ikhlas

Coblos