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| Tgl kumpul |  |
| Nilai |  |
| Ttd aslab |  |

**LAPORAN PRAKTIKUM PEMROGRAMAN WEB**

**MATERI KE – 11: LOGIN MULTI USER DAN DOWNLOAD UPLOAD**



**OLEH:**

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**KELAS J**

**TEKNIK INFORMATIKA**

**UIN MAULANA MALIK IBRAHIM MALANG**

**2023**

1. **Dasar Teori**

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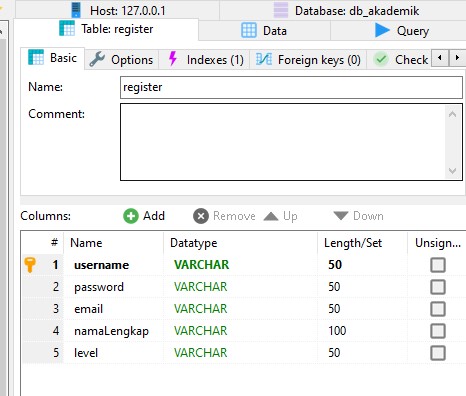
1. **Prosedur praktikum** 
   1. **Latihan 1**

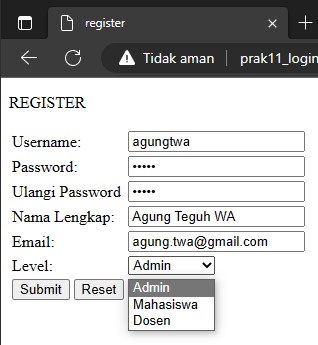
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| **Baris** | **Kode** |
| **1** | **<!DOCTYPE html>** |
| **2** | **<html lang="en">** |
| **3** | **<head>** |
| **4** | **<title>register</title>** |
| **5** | **<script>** |
| **6** | **function checkPassword() {** |
| **7** | **var password =**  **document.getElementById("password").value;** |
| **8** | **var rePassword =**  **document.getElementById("rePassword").value;** |
| **9** |  |
| **10** | **if (password !== rePassword) {** |
| **11** | **alert("Ulangi, password Anda tidak**  **sama.");** |
| **12** | **return false;** |
| **13** | **}** |
| **14** | **return true;** |
| **15** | **}** |
| **16** | **</script>** |
| **17** | **</head>** |
| **18** | **<body>** |
| **19** | **<p>REGISTER</p>** |
| **20** | **<form action="aksi\_register.php" method="POST" onsubmit="return checkPassword();">** |
| **21** | **<table>** |
| **22** | **<tr>** |
| **23** | **<td>Username:</td>** |
| **24** | **<td><input type="text" name="username" id="" required></td>** |
| **25** | **</tr>** |
| **26** | **<tr>** |
| **27** | **<td>Password:</td>** |
| **28** | **<td><input type="password" name="password" id="" required></td>** |
| **29** | **</tr>** |
| **30** | **<tr>** |
| **31** | **<td>Ulangi Password</td>** |
| **32** | **<td><input type="password" name="rePassword" id="" required></td>** |
| **33** | **</tr>** |
| **34** | **<tr>** |
| **35** | **<td>Nama Lengkap:</td>** |
| **36** | **<td><input type="text" name="namaLengkap" id="" required></td>** |
| **37** | **</tr>** |
| **38** | **<tr>** |
| **39** | **<td>Email:</td>** |
| **40** | **<td><input type="text" name="email" id="" required></td>** |
| **41** | **</tr>** |
| **42** | **<tr>** |
| **43** | **<td>Level:</td>** |
| **44** | **<td><select name="level" id="">** |
| **45** | **<option nama="Admin" value="Admin">Admin</option>** |
| **46** | **<option nama="Mahasiswa" value="Mahasiswa">Mahasiswa</option>** |
| **47** | **<option nama="Dosen" value="Dosen">Dosen</option>** |
| **48** | **</select>** |
| **49** | **</td>** |
| **50** | **</tr>** |
| **51** | **<tr>** |
| **52** | **<td><input type="submit" name="register" value="Submit">** |
| **53** | **<input type="reset" name="reset" value="Reset"></td>** |
| **54** | **</tr>** |
| **55** | **</table>** |
| **56** | **</form>** |
| **57** | **</body>** |
| **58** | **</html>** |

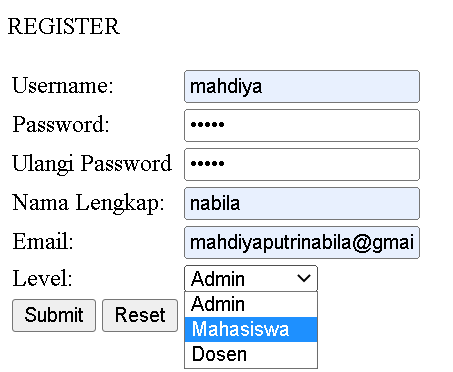
|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **include "koneksi.php";** |
| **3** | **$username=$\_POST['username'];** |
| **4** | **$namaLengkap=$\_POST['namaLengkap'];** |
| **5** | **$password=$\_POST['password'];** |
| **6** | **$rePassword = $\_POST['rePassword'];** |
| **7** | **$level=$\_POST['level'];** |
| **8** | **$email=$\_POST['email'];** |
| **9** |  |
| **10** | **if ($password != $rePassword) {** |
| **11** | **echo "<script>alert('Ulangi, password Anda tidak sama.');</script>";** |
| **12** | **} else {** |
| **13** | **$sql = "INSERT INTO register (username, password, email, namaLengkap, level)** |
| **14** | **VALUES ('".$username."',**  **'".$password."','".$email."','".$namaLengkap."','".$level ."')";** |
| **15** | **$b = $koneksi->query($sql);** |
| **16** | **if ($b === true) {** |
| **17** | **echo "<script>alert('Anda sukses registrasi.');** |
| **18** | **window.location.href = 'login.php';** |
| **19** | **</script>";** |
| **20** | **// header('location: login.php');** |
| **21** | **} else {** |
| **22** | **echo "<script>alert('Gagal registrasi.');</script>";** |
| **23** | **}** |
| **24** | **}** |

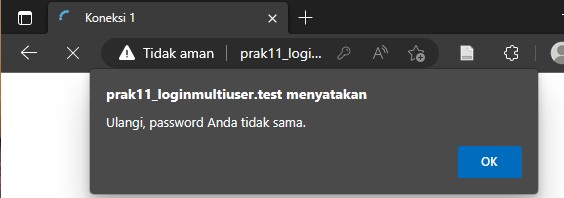
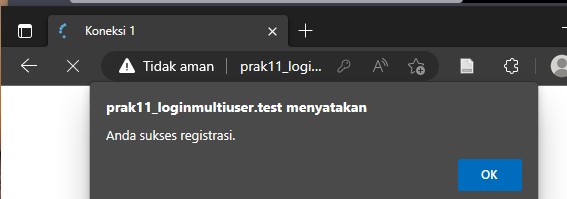
**Hasil:**

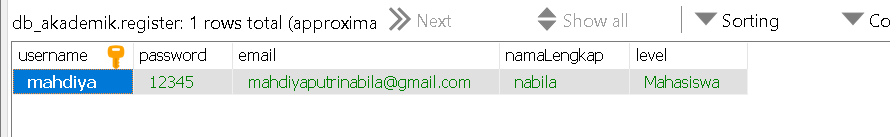
**Database**



**Web**



**Alert**

**Data yang masuk ke database**

**Analisis :**

Program di atas adalah formulir pendaftaran (register) berbasis web dengan validasi password. Pengguna diminta mengisi kolom-kolom seperti username, password, ulangi password, nama lengkap, email, dan level. Saat submit, program memeriksa apakah password sama menggunakan JavaScript. Data dikirim ke **aksi\_register.php** untuk diproses. Jika password valid, data disimpan ke database. Jika berhasil, pesan sukses ditampilkan dan pengguna diarahkan ke halaman login.

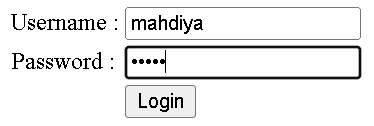
* 1. **Latihan 2**

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<!DOCTYPE html>** |
| **2** | **<html lang="en">** |
| **3** | **<head>** |
| **4** | **<title></title>** |
| **5** | **</head>** |
| **6** | **<body>** |
| **7** |  |
| **8** | **<form action="act\_login.php?op=in" method="POST">** |
| **9** | **<table>** |
| **10** | **<tr>** |
| **11** | **<td>Username:</td>** |
| **12** | **<td><input type="text" name="username" id=""></td>** |
| **13** | **</tr>** |
| **14** | **<tr>** |
| **15** | **<td>Password:</td>** |
| **16** | **<td><input type="password" name="password" id=""></td>** |
| **17** | **</tr>** |
| **18** | **<tr>** |
| **19** | **<td><input type="submit" name="login" value="Login"></td>** |
| **20** | **</tr>** |
| **21** | **</table>** |
| **22** | **</form>** |
| **23** | **</body>** |
| **24** | **</html>** |

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **session\_start();** |
| **3** | **include "koneksi.php";** |
| **4** | **$username=$\_POST['username'];** |
| **5** | **$password=$\_POST['password'];** |
| **6** |  |
| **7** | **$op =$\_GET['op'];** |
| **8** |  |
| **9** | **if ($op=="in") {** |
| **10** | **$query\_1="SELECT\*FROM register where username='$username'** |
| **11** | **AND password='$password'";** |
| **12** | **$h\_1=$koneksi->query($query\_1);** |
| **13** | **if (mysqli\_num\_rows($h\_1)==1) {** |
| **14** | **$d\_1=$h\_1->fetch\_array();** |
| **15** | **$\_SESSION['username']=$d\_1['username'];** |
| **16** | **$\_SESSION['level']=$d\_1['level'];** |
| **17** | **if ($d\_1['level']=="Admin") {** |
| **18** | **header("location:home.php");** |
| **19** | **//echo "admin";** |
| **20** | **}elseif($d\_1['level']=="Mahasiswa"){** |
| **21** | **header("location:home.php");** |
| **22** | **//echo "mahasiswa;** |
| **23** | **} elseif($d\_1['level']=="Dosen"){** |
| **24** | **header("location:home.php");** |
| **25** | **//echo "dosen";** |
| **26** | **}else {** |
| **27** | **die("password salah <a**  **href=\"javascript:history.back()\">kembali</a>");** |
| **28** | **}** |
| **29** | **}** |
| **30** | **}elseif ($op=="out") {** |
| **31** | **unset($\_SESSION['username']);** |
| **32** | **unset($\_SESSION['level']);** |
| **33** | **header("location:login.php");** |
| **34** | **}** |

**Hasil:**

**Web**

** **

**Analisis:**

Program tersebut merupakan halaman login sederhana yang digunakan untuk memverifikasi login pengguna. Pengguna diminta memasukkan username dan password pada form. Saat submit, data dikirim ke **act\_login.php** dengan parameter **op** bernilai "in" untuk proses login.

Di file **act\_login.php**, program memulai sesi, memasukkan username dan password yang dikirim dari form ke variabel, dan memeriksa apakah parameter **op** memiliki nilai "in". Jika ya, program melakukan query ke database untuk memeriksa kecocokan username dan password yang dimasukkan. Jika cocok, sesi pengguna dimulai dengan menyimpan username dan level ke dalam **$\_SESSION**. Kemudian, pengguna diarahkan ke halaman **home.php** berdasarkan level pengguna. Jika tidak cocok, pesan kesalahan ditampilkan.

Selain itu, jika parameter **op** bernilai "out", program akan menghapus data sesi pengguna dan mengarahkannya ke halaman login.

**2.3. Latihan 3**

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **session\_start();** |
| **3** | **include "koneksi.php";** |
| **4** | **error\_reporting(E\_ALL^(E\_NOTICE|E\_WARNING));** |
| **5** | **if (!isset($\_SESSION['username'])) {** |
| **6** | **die("Anda belum login");** |
| **7** | **}** |
| **8** | **$username=$\_SESSION['username'];** |
| **9** | **$level=$\_SESSION['level'];** |
| **10** | **if ($level=='Admin') {** |
| **11** | **echo "Anda Masuk Sebagai ".$level;** |
| **12** | **?>** |
| **13** | **<!DOCTYPE html>** |
| **14** | **<html lang="en">** |
| **15** | **<head>** |
| **16** | **<title>Upload & Download File</title>** |
| **17** | **</head>** |
| **18** | **<body>** |
| **19** | **<h2>Upload File</h2>** |

|  |  |
| --- | --- |
| **20** | **<form action="upload.php" method="POST" enctype="multipart/form-data">** |
| **21** | **<table>** |
| **22** | **<tr>** |
| **23** | **<td><label for="kode\_doc">Kode Dokumen:</label></td>** |
| **24** | **<td><input type="text" name="kode\_doc" id="kode\_doc" required></td>** |
| **25** | **</tr>** |
| **26** | **<tr>** |
| **27** | **<td><label for="tgl">Tanggal:</label></td>** |
| **28** | **<td><input type="date" name="tgl" id="tgl" required></td>** |
| **29** | **</tr>** |
| **30** | **<tr>** |
| **31** | **<td><label for="deskripsi">Deskripsi:</label></td>** |
| **32** | **<td><textarea name="deskripsi" id="deskripsi" rows="4" required></textarea></td>** |
| **33** | **</tr>** |
| **34** | **<tr>** |
| **35** | **<td><label for="file">Pilih File:</label></td>** |
| **36** | **<td> <input type="file" name="file" id="file" required></td>** |
| **37** | **</tr>** |
| **38** | **<tr>** |
| **39** | **<td><input type="submit" name="upload" value="Upload"></td>** |
| **40** | **</tr>** |
| **41** | **</table>** |
| **42** | **</form>** |
| **43** | **<hr>** |
| **44** | **<h2>Download File</h2>** |
| **45** | **<ul>** |
| **46** | **<?php** |
| **47** | **include "koneksi.php";** |
| **48** |  |
| **49** | **$sql = "SELECT \* FROM document";** |
| **50** | **$result = $koneksi->query($sql);** |
| **51** |  |
| **52** | **while ($row = $result->fetch\_assoc()) {** |
| **53** | **$fileUrl = 'download.php?id=' . $row['kode\_doc'];** |

|  |  |
| --- | --- |
| **54** | **echo '<li><a href="' . $fileUrl . '">' . $row['nama\_file'] . '</a></li>';** |
| **55** | **}** |
| **56** | **?>** |
| **57** | **</ul>** |
| **58** | **</body>** |
| **59** | **</html>** |
| **60** |  |
| **61** | **<?php** |
| **62** | **} elseif ($level=='Mahasiswa') {** |
| **63** | **echo "Anda Masuk Sebagai ".$level;** |
| **64** | **?>** |
| **65** | **<!-- Kode HTML dan PHP untuk Mahasiswa -->** |
| **66** | **<!-- Sama seperti Admin, hanya diganti dengan tampilan yang sesuai -->** |
| **67** | **<!DOCTYPE html>** |
| **68** | **<html lang="en">** |
| **69** | **<head>** |
| **70** | **<title>Upload & Download File</title>** |
| **71** | **</head>** |
| **72** | **<body>** |
| **73** |  |
| **74** | **<h2>Upload File</h2>** |
| **75** | **<form action="upload.php" method="POST" enctype="multipart/form-data">** |
| **76** | **<table>** |
| **77** | **<tr>** |
| **78** | **<td><label for="kode\_doc">Kode Dokumen:</label></td>** |
| **79** | **<td><input type="text" name="kode\_doc" id="kode\_doc" required></td>** |
| **80** | **</tr>** |
| **81** | **<tr>** |
| **82** | **<td><label for="tgl">Tanggal:</label></td>** |
| **83** | **<td><input type="date" name="tgl" id="tgl" required></td>** |
| **84** | **</tr>** |
| **85** | **<tr>** |
| **86** | **<td><label for="deskripsi">Deskripsi:</label></td>** |
| **87** | **<td><textarea name="deskripsi" id="deskripsi" rows="4" required></textarea></td>** |
| **88** | **</tr>** |

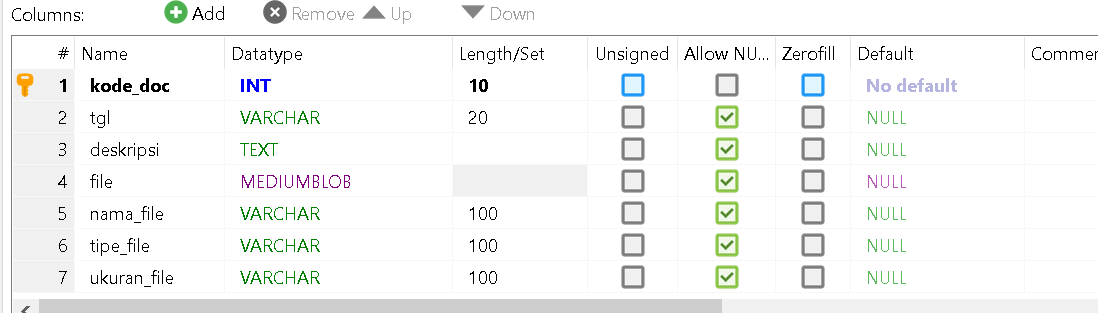
|  |  |
| --- | --- |
| **89** | **<tr>** |
| **90** | **<td><label for="file">Pilih File:</label></td>** |
| **91** | **<td> <input type="file" name="file" id="file" required></td>** |
| **92** | **</tr>** |
| **93** | **<tr>** |
| **94** | **<td><input type="submit" name="upload" value="Upload"></td>** |
| **95** | **</tr>** |
| **96** | **</table>** |
| **97** | **</form>** |
| **98** | **<hr>** |
| **99** | **<h2>Download File</h2>** |
| **100** | **<ul>** |
| **101** | **<?php** |
| **102** | **include "koneksi.php";** |
| **103** |  |
| **104** | **$sql = "SELECT \* FROM document";** |
| **105** | **$result = $koneksi->query($sql);** |
| **106** |  |
| **107** | **while ($row = $result->fetch\_assoc()) {** |
| **108** | **$fileUrl = 'download.php?id=' . $row['kode\_doc'];** |
| **109** | **echo '<li><a href="' . $fileUrl . '">' . $row['nama\_file'] . '</a></li>';** |
| **110** | **}** |
| **111** | **?>** |
| **112** | **</ul>** |
| **113** | **</body>** |
| **114** | **</html>** |
| **115** |  |
| **116** | **<?php** |
| **117** | **} elseif ($level=='Dosen') {** |
| **118** | **echo "Anda Masuk Sebagai ".$level;** |
| **119** | **?>** |
| **120** | **<!-- Kode HTML dan PHP untuk Dosen -->** |
| **121** | **<!-- Sama seperti Admin, hanya diganti dengan tampilan yang sesuai -->** |
| **122** | **<!DOCTYPE html>** |
| **123** | **<html lang="en">** |

|  |  |
| --- | --- |
| **124** | **<head>** |
| **125** | **<title>Upload & Download File</title>** |
| **126** | **</head>** |
| **127** | **<body>** |
| **128** | **<h2>Upload File</h2>** |
| **129** | **<form action="upload.php" method="POST" enctype="multipart/form-data">** |
| **130** | **<table>** |
| **131** | **<tr>** |
| **132** | **<td><label for="kode\_doc">Kode Dokumen:</label></td>** |
| **133** | **<td><input type="text" name="kode\_doc" id="kode\_doc" required></td>** |
| **134** | **</tr>** |
| **135** | **<tr>** |
| **136** | **<td><label for="tgl">Tanggal:</label></td>** |
| **137** | **<td><input type="date" name="tgl" id="tgl" required></td>** |
| **138** | **</tr>** |
| **139** | **<tr>** |
| **140** | **<td><label for="deskripsi">Deskripsi:</label></td>** |
| **141** | **<td><textarea name="deskripsi" id="deskripsi" rows="4" required></textarea></td>** |
| **142** | **</tr>** |
| **143** | **<tr>** |
| **144** | **<td><label for="file">Pilih File:</label></td>** |
| **145** | **<td> <input type="file" name="file" id="file" required></td>** |
| **146** | **</tr>** |
| **147** | **<tr>** |
| **148** | **<td><input type="submit" name="upload" value="Upload"></td>** |
| **149** | **</tr>** |
| **150** | **</table>** |
| **151** | **</form>** |
| **152** |  |
| **153** | **<hr>** |
| **154** |  |
| **155** | **<h2>Download File</h2>** |
| **156** | **<ul>** |
| **157** | **<?php** |
| **158** | **include "koneksi.php";** |
| **159** |  |
| **160** | **$sql = "SELECT \* FROM document";** |
| **161** | **$result = $koneksi->query($sql);** |
| **162** |  |
| **163** | **while ($row = $result->fetch\_assoc()) {** |
| **164** | **$fileUrl = 'download.php?id=' . $row['kode\_doc'];** |
| **165** | **echo '<li><a href="' . $fileUrl . '">' . $row['nama\_file'] . '</a></li>';** |
| **166** | **}** |
| **167** | **?>** |
| **168** | **</ul>** |
| **169** | **</body>** |
| **170** | **</html>** |
| **171** | **<?php** |
| **172** | **}** |
| **173** | **?>** |

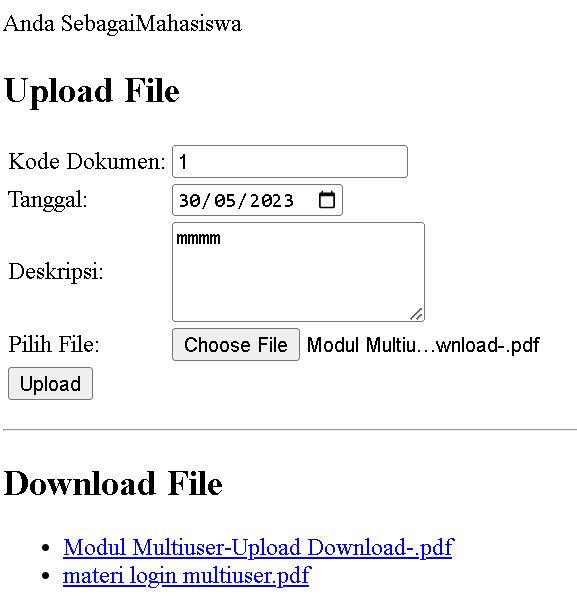
|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **include "koneksi.php";** |
| **3** |  |
| **4** | **// Cek apakah tombol upload ditekan** |
| **5** | **if (isset($\_POST['upload'])) {** |
| **6** | **// Dapatkan data dari form** |
| **7** | **$kode\_doc = $\_POST['kode\_doc'];** |
| **8** | **$tgl = $\_POST['tgl'];** |
| **9** | **$deskripsi = $\_POST['deskripsi'];** |
| **10** |  |
| **11** | **// Informasi file yang diunggah** |
| **12** | **$file\_name = $\_FILES['file']['name'];** |
| **13** | **$file\_size = $\_FILES['file']['size'];** |
| **14** | **$file\_type = $\_FILES['file']['type'];** |
| **15** | **$file\_tmp = $\_FILES['file']['tmp\_name'];** |
| **16** |  |
| **17** | **// Tentukan direktori penyimpanan file** |
| **18** | **$upload\_dir = "uploads/";** |
| **19** |  |
| **20** | **// Pindahkan file ke direktori penyimpanan** |
| **21** | **$file\_path = $upload\_dir . $file\_name;** |
| **22** | **move\_uploaded\_file($file\_tmp, $file\_path);** |
| **23** |  |
| **24** | **// Simpan informasi file ke dalam tabel document** |
| **25** | **$sql = "INSERT INTO document (kode\_doc, tgl, deskripsi, nama\_file, tipe\_file, ukuran\_file)** |
| **26** | **VALUES ('$kode\_doc', '$tgl', '$deskripsi', '$file\_name', '$file\_type', $file\_size)";** |
| **27** | **$result = $koneksi->query($sql);** |
| **28** |  |
| **29** | **if ($result) {** |
| **30** | **echo "File berhasil diunggah.";** |
| **31** | **} else {** |
| **32** | **echo "Gagal mengunggah file.";** |
| **33** | **}** |
| **34** | **}** |

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **include "koneksi.php";** |
| **3** |  |
| **4** | **// Periksa apakah parameter id (kode dokumen) tersedia** |
| **5** | **if (isset($\_GET['id'])) {** |
| **6** | **// Dapatkan kode dokumen dari parameter id** |
| **7** | **$kode\_doc = $\_GET['id'];** |
| **8** |  |
| **9** | **// Cari informasi file berdasarkan kode dokumen** |
| **10** | **$sql = "SELECT \* FROM document WHERE kode\_doc = '$kode\_doc'";** |
| **11** | **$result = $koneksi->query($sql);** |
| **12** |  |
| **13** | **if ($result->num\_rows > 0) {** |
| **14** | **$row = $result->fetch\_assoc();** |
| **15** |  |
| **16** | **// Dapatkan informasi file** |
| **17** | **$file\_name = $row['nama\_file'];** |
| **18** | **$file\_path = 'uploads/' . $file\_name;** |
| **19** |  |
| **20** | **// Periksa apakah file ada** |
| **21** | **if (file\_exists($file\_path)) {** |
| **22** | **// Mengatur header untuk mengizinkan pengunduhan file** |
| **23** | **header('Content-Description: File Transfer');** |
| **24** | **header('Content-Type: application/octet-**  **stream');** |
| **25** | **header('Content-Disposition: attachment;**  **filename="' . $file\_name . '"');** |
| **26** | **header('Expires: 0');** |
| **27** | **header('Cache-Control: must-revalidate');** |
| **28** | **header('Pragma: public');** |
| **29** | **header('Content-Length: ' .**  **filesize($file\_path));** |
| **30** | **readfile($file\_path);** |
| **31** | **exit;** |
| **32** | **} else {** |
| **33** | **echo "File tidak ditemukan.";** |
| **34** | **}** |
| **35** | **} else {** |
| **36** | **echo "Kode dokumen tidak valid.";** |
| **37** | **}** |
| **38** | **} else {** |
| **39** | **echo "Parameter id tidak tersedia.";** |
| **40** | **}** |

**Hasil:**

**Database**

**Web**



**Analisis:**

Program di atas adalah halaman web yang memberikan fungsi upload dan download file berdasarkan level pengguna yang telah login. Program ini memulai sesi dan memeriksa apakah pengguna sudah login. Jika belum, pesan "Anda belum login" ditampilkan. Selanjutnya, terdapat tiga tampilan yang sesuai dengan level pengguna: Admin, Mahasiswa, dan Dosen. Setiap tampilan memiliki form untuk mengunggah file. Setelah file diunggah, informasi file disimpan di database dan file asli disimpan di direktori "uploads".

Program juga menampilkan daftar file yang dapat diunduh, diambil dari tabel document di database. Pengguna dapat mengunduh file dengan mengklik tautan yang sesuai.

|  |  |
| --- | --- |
| Tgl kumpul |  |
| Nilai |  |
| Ttd aslab |  |

**LAPORAN PRAKTIKUM PEMROGRAMAN WEB**

**MATERI KE – 12: MATERI LOGIN MULTIUSER**



**OLEH:**

**Nabila Mahdiya Putri 210605110006**

**KELAS J**

**TEKNIK INFORMATIKA**

**UIN MAULANA MALIK IBRAHIM MALANG**

**2023**

**1. Dasar Teori**

**-**

# Prosedur praktikum

## 2.1.1. Koneksi, Register, Dan Login ‘connection.php’

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **$host = "localhost"; //untuk host** |
| **3** | **$username = "root"; //untuk username** |
| **4** | **$password = ""; //untuk password** |
| **5** | **$database = "jualbeli"; //untuk nama** |
| **6** | **$koneksi = mysqli\_connect($host, $username, $password, $database);** |
| **7** | **if ($koneksi) {** |
| **8** | **// echo "OK";** |
| **9** | **} else {** |
| **10** | **echo "Server not connected";** |
| **11** | **}** |
| **12** | **?>** |

# Form register.php

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<!DOCTYPE html>** |
| **2** | **<html lang="en">** |
| **3** | **<head>** |
| **4** | **<title>register</title>** |
| **5** | **</head>** |
| **6** | **<body>** |
| **7** | **<p>REGISTER</p>** |
| **8** | **<form action="aksi\_register.php" method="POST">** |
| **9** | **<table>** |
| **10** | **<tr>** |
| **11** | **<td>Username:</td>** |
| **12** | **<td><input type="text" name="username" id=""></td>** |
| **13** | **</tr>** |
| **14** | **<tr>** |
| **15** | **<td>Password:</td>** |
| **16** | **<td><input type="password" name="password" id=""></td>** |
| **17** | **</tr>** |
| **18** | **<tr>** |
| **19** | **<td>Level:</td>** |
| **20** | **<td><select name="level" id="">** |
| **21** | **<option nama="Admin" value="Admin">Admin</option>** |
| **22** | **<option nama="Kasir" value="Kasir">Kasir</option>** |
| **23** | **</select>** |
| **24** | **</td>** |
| **25** | **</tr>** |
| **26** | **<tr>** |
| **27** | **<td>Email:</td>** |
| **28** | **<td><input type="text" name="email" id=""></td>** |
| **29** | **</tr>** |
| **30** | **<tr>** |
| **31** | **<td><input type="submit" name="register" value="Register">** |
| **32** | **<a href="login.php">Login</a>** |
| **33** | **<!-- <input type="reset" name="reset" value="Reset"></td> -->** |
| **34** | **</tr>** |
| **35** | **</table>** |
| **36** | **</form>** |
| **37** | **</body>** |
| **38** | **</html>** |

# Aksi\_register.php

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **include "connection.php";** |
| **3** | **$username=$\_POST['username'];** |
| **4** | **$password=$\_POST['password'];** |
| **5** | **$level=$\_POST['level'];** |
| **6** | **$email=$\_POST['email'];** |
| **7** |  |
| **8** | **$sql = "INSERT INTO register (username, password, email, level)** |
| **9** | **VALUES ('".$username."',**  **'".$password."','".$email."','".$level."')";** |
| **10** | **$b = $koneksi->query($sql);** |
| **11** | **if ($b === true) {** |
| **12** | **echo "<script>alert('Anda berhasil**  **registrasi.');</script>";** |
| **13** | **header('location: login.php');** |
| **14** | **} else {** |
| **15** | **echo "<script>alert('Gagal**  **registrasi.');</script>";** |
| **16** | **}** |

# Login.php

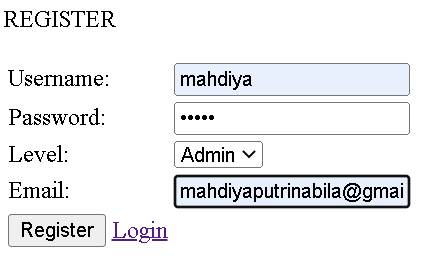
|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<!DOCTYPE html>** |
| **2** | **<html lang="en">** |
| **3** | **<head>** |
| **4** | **<title></title>** |
| **5** | **</head>** |
| **6** | **<body>** |
| **7** |  |
| **8** | **<form action="act\_login.php?op=in" method="POST">** |
| **9** | **<table>** |
| **10** | **<tr>** |
| **11** | **<td>Username:</td>** |
| **12** | **<td><input type="text" name="username" id=""></td>** |
| **13** | **</tr>** |
| **14** | **<tr>** |
| **15** | **<td>Password:</td>** |
| **16** | **<td><input type="password" name="password" id=""></td>** |
| **17** | **</tr>** |
| **18** | **<tr>** |
| **19** | **<td><input type="submit" name="login" value="Login"></td>** |
| **20** | **<a href="form\_register.php">Register</a>** |
| **21** | **</tr>** |
| **22** | **</table>** |
| **23** | **</form>** |
| **24** | **</body>** |
| **25** | **</html>** |

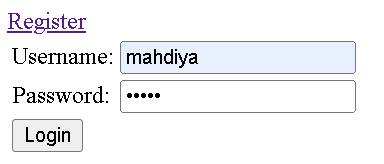
# Act\_login.php

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **session\_start();** |
| **3** | **include "connection.php";** |
| **4** | **$username=$\_POST['username'];** |
| **5** | **$password=$\_POST['password'];** |
| **6** |  |
| **7** | **$op =$\_GET['op'];** |
| **8** |  |
| **9** | **if ($op=="in") {** |
| **10** | **$sql="SELECT\*FROM register where username='$username'** |
| **11** | **AND password='$password'";** |
| **12** | **$query=$koneksi->query($sql);** |
| **13** | **if (mysqli\_num\_rows($query)==1) {** |
| **14** | **$data=$query->fetch\_array();** |
| **15** | **$\_SESSION['username']=$data['username'];** |
| **16** | **$\_SESSION['level']=$data['level'];** |
| **17** | **if ($data['level']=="Admin") {** |
| **18** | **header("location:home.php");** |
| **19** | **//echo "admin";** |
| **20** | **}elseif($data['level']=="Kasir"){** |
| **21** | **header("location:home.php");** |
| **22** | **//echo "mahasiswa;** |
| **23** | **}else {** |
| **24** | **die("password salah <a**  **href=\"javascript:history.back()\">kembali</a>");** |
| **25** | **}** |
| **26** | **}** |
| **27** | **}elseif ($op=="out") {** |
| **28** | **unset($\_SESSION['username']);** |
| **29** | **unset($\_SESSION['level']);** |
| **30** | **header("location:login.php");** |
| **31** | **}** |

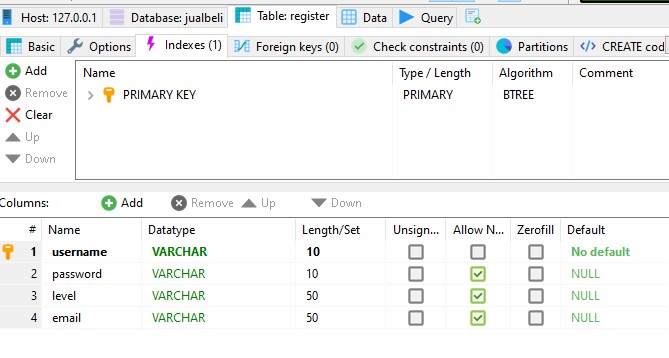
**Hasil :**

#  web



****

#  database



**Analisis :**

Program di atas adalah halaman web yang mengatur proses registrasi dan login pengguna. Saat registrasi, data pengguna disimpan ke dalam tabel register di database. Saat login, program memeriksa kecocokan data login dengan data yang ada di tabel register. Jika cocok, pengguna diarahkan ke halaman home.php sesuai dengan levelnya. Terdapat juga fitur logout yang menghapus sesi pengguna dan mengarahkan kembali ke halaman login.php.

**2.2. Page Home, Page Kasir, Dan Page Admin**

# Home.php

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **session\_start();** |
| **3** | **include "connection.php";** |
| **4** | **error\_reporting(E\_ALL ^ (E\_NOTICE | E\_WARNING));** |
| **5** | **if (!isset($\_SESSION['username'])) {** |
| **6** | **die("Anda belum login");** |
| **7** | **}** |
| **8** | **$user = $\_SESSION['username'];** |
| **9** | **$sql = "SELECT \* from register where username='$user'";** |
| **10** | **$query = $koneksi->query($sql);** |
| **11** | **$data = $query->fetch\_array();** |
| **12** | **?>** |
| **13** | **Selamat Datang** |
| **14** | **<?php echo $user; ?></br>** |
| **15** | **<?php** |
| **16** | **if ($data['level'] == 'Admin') {** |
| **17** | **?>** |
| **18** | **<a href='admin/dt\_minuman.php'>Data Minuman</a> |** |
| **19** | **<a href='admin/dt\_jenis.php'>Data Jenis Minuman</a> |** |
| **20** | **<a href='logout.php'>Logout</a>** |
| **21** | **<?php** |
| **22** | **} elseif ($data['level'] == 'Kasir') {** |
| **23** | **?>** |
| **24** | **<a href='kasir/form\_jualbeli.php?jenis=Jual'>Jual Barang</a> |** |
| **25** | **<a href='kasir/form\_jualbeli.php?jenis=Beli'>Beli Barang</a> |** |
| **26** | **<a href='kasir/form\_cari.php'>Cari Barang</a> |** |
| **27** | **<a href='logout.php'>Logout</a>** |
| **28** | **<?php** |
| **29** | **}** |
| **30** | **?>** |
| **31** | **<table border="1">** |
| **32** | **<tr>** |
| **33** | **<td>Username</td>** |
| **34** | **<td>** |
| **35** | **<?php echo $data['username']; ?>** |
| **36** | **</td>** |
| **37** | **</tr>** |
| **38** | **<tr>** |
| **39** | **<td>Password</td>** |
| **40** | **<td>** |
| **41** | **<?php echo $data['password']; ?>** |
| **42** | **</td>** |
| **43** | **</tr>** |
| **44** | **<tr>** |
| **45** | **<td>Level</td>** |
| **46** | **<td>** |
| **47** | **<?php echo $data['level']; ?>** |
| **48** | **</td>** |

# Page kasir : form\_jualbeli.php

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **session\_start();** |
| **3** | **include "../connection.php";** |
| **4** | **error\_reporting(E\_ALL ^ (E\_NOTICE | E\_WARNING));** |
| **5** | **if (!isset($\_SESSION['username'])) {** |
| **6** | **die("Anda belum login");** |
| **7** | **}** |
| **8** | **$user = $\_SESSION['username'];** |
| **9** | **$jenis = $\_GET['jenis'];** |
| **10** | **$query = "SELECT \* FROM minuman,jenis\_minuman where** |
| **11** | **minuman.id\_jenis=jenis\_minuman.id\_jenis";** |
| **12** | **$dt\_query = $koneksi->query($query);** |
| **13** | **if ($jenis == 'Beli') {** |

|  |  |
| --- | --- |
| **14** | **?>** |
| **15** | **Form Beli Barang** |
| **16** | **<?php** |
| **17** | **} elseif ($jenis == 'Jual') {** |
| **18** | **?>** |
| **19** | **Form Jual Barang** |
| **20** | **<?php** |
| **21** | **}** |
| **22** | **?>** |
| **23** | **<form action="aksi\_jualbeli.php" method="POST">** |
| **24** | **<table>** |
| **25** | **<tr>** |
| **26** | **<td>Merek Minuman</td>** |
| **27** | **<td><select name="merek">** |
| **28** | **<?php** |
| **29** | **while ($dt\_jenis = $dt\_query>fetch\_array()) {** |
| **30** | **?>** |
| **31** | **<option value="<?php echo $dt\_jenis['id\_minuman']; ?>">** |
| **32** | **<?php echo $dt\_jenis['merek']; ?>** |
| **33** | **</option>** |
| **34** | **<?php** |
| **35** | **}** |
| **36** | **?>** |
| **37** | **</select>** |
| **38** | **</td>** |
| **39** | **</tr>** |
| **40** | **<tr>** |
| **41** | **<td>Jumlah Barang</td>** |
| **42** | **<td><input type="text" name="jumlah"></td>** |
| **43** | **<input type="hidden" name="user" value="<?php echo $user;** |
| **44** |  |
| **45** | **?>">** |
| **46** |  |
| **47** | **<input type="hidden" name="tanggal" value="<?php echo** |
| **48** |  |
| **49** | **date('d-m-y'); ?>">** |
| **50** |  |
| **51** | **<input type="hidden" name="jenis" value="<?php echo $jenis;** |
| **52** |  |
| **53** | **?>">** |
| **54** |  |
| **55** | **</tr>** |
| **56** | **<tr>** |
| **57** | **<td></td>** |
| **58** | **<td><input type="submit" name="save" value="Save"></td>** |
| **59** | **</tr>** |
| **60** | **<a href='../home.php'>Home</a> | <a href='../logout.php'>Logout</a>** |
| **61** | **</table>** |
| **62** | **</form>** |

# Page kasir : aksi\_jualbeli.php

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **include "../connection.php";** |
| **3** | **$merek = $\_POST['merek'];** |
| **4** | **$user = $\_POST['user'];** |
| **5** | **$jenis = $\_POST['jenis'];** |
| **6** | **$tanggal = $\_POST['tanggal'];** |
| **7** | **$jumlah = $\_POST['jumlah'];** |
| **8** |  |
| **9** | **$sql = "INSERT INTO jualbeli (id\_minuman, username, tanggal, jumlah) VALUES ('$merek', '$user', '$tanggal', '$jumlah')";** |
| **10** | **$query = $koneksi->query($sql);** |
| **11** | **if ($query === true) {** |
| **12** | **header('location: ../home.php');** |
| **13** | **} else {** |
| **14** | **echo "error";** |
| **15** | **}** |

# Page kasir : form\_cari.php

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<form action="<?php $\_PHP\_SELF ?>" method="GET">** |
| **2** | **<table>** |
| **3** | **<tr>** |
| **4** | **<td>Cari :</td>** |
| **5** | **<td><input type="text" name="cari"></td>** |
| **6** | **<td><input type="submit" name="search" value="Cari"></td>** |
| **7** | **</tr>** |
| **8** | **<a href='../home.php'>Home</a> | <a href='../logout.php'>Logout</a>** |
| **9** | **</table>** |
| **10** | **</form>** |
| **11** | **<?php** |
| **12** | **session\_start();** |
| **13** | **include "../connection.php";** |
| **14** | **error\_reporting(E\_ALL ^ (E\_NOTICE | E\_WARNING));** |
| **15** | **if (!isset($\_SESSION['username'])) {** |
| **16** | **die("Anda belum login");** |
| **17** | **}** |
| **18** | **$key = $\_GET['cari'];** |
| **19** | **$no = 1;** |
| **20** | **$query = "SELECT \* FROM minuman,jenis\_minuman where** |
| **21** | **minuman.id\_jenis=jenis\_minuman.id\_jenis and**  **jenis\_minuman.merek LIKE** |
| **22** | **'%$key%'";** |
| **23** | **$dt\_query = $koneksi->query($query);** |
| **24** | **?>** |
| **25** | **<table border="1">** |
| **26** | **<thead>** |
| **27** | **<tr>** |
| **28** | **<th>#</th>** |
| **29** |  |
| **30** | **<th>Jenis Minuman </th>** |
| **31** | **<th>Merek </th>** |
| **32** | **<th>Harga </th>** |
| **33** | **<th>Ukuran </th>** |
| **34** | **<th>Jumlah Stok</th>** |
| **35** | **</tr>** |
| **36** | **</thead>** |
| **37** | **<tbody>** |
| **38** | **<?php** |
| **39** | **while ($dt\_minuman = $dt\_query->fetch\_array()) {** |
| **40** | **?>** |
| **41** | **<tr>** |
| **42** | **<td>** |
| **43** | **<?php echo $no++; ?>** |
| **44** | **</td>** |
| **45** | **<td>** |
| **46** | **<?php echo $dt\_minuman['nm\_jenis']; ?>** |
| **47** | **</td>** |
| **48** | **<td>** |
| **49** | **<?php echo $dt\_minuman['merek']; ?>** |
| **50** | **</td>** |
| **51** | **<td>** |
| **52** | **<?php echo $dt\_minuman['harga']; ?>** |
| **53** | **</td>** |
| **54** | **<td>** |
| **55** | **<?php echo $dt\_minuman['ukuran']; ?>** |
| **56** | **</td>** |
| **57** | **<td>** |
| **58** | **<?php echo $dt\_minuman['jumlah']; ?>** |
| **59** | **</td>** |
| **60** | **</tr>** |
| **61** | **<?php** |
| **62** | **}** |
| **63** | **?>** |
| **64** | **</tbody>** |
| **65** | **</table>** |

# Page admin : form\_minuman.php

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **session\_start();** |
| **3** | **include "../connection.php";** |

|  |  |
| --- | --- |
| **4** | **error\_reporting(E\_ALL ^ (E\_NOTICE | E\_WARNING));** |
| **5** | **if (!isset($\_SESSION['username'])) {** |
| **6** | **die("Anda belum login");** |
| **7** | **}** |
| **8** | **$query = "SELECT \* FROM jenis\_minuman";** |
| **9** | **$dt\_query = $koneksi->query($query);** |
| **10** | **?>** |
| **11** | **<form action="aksi\_minuman.php" method="POST">** |
| **12** | **<table>** |
| **13** | **<tr>** |
| **14** | **<td>Merek Minuman</td>** |
| **15** | **<td><select name="jenis">** |
| **16** | **<?php** |
| **17** | **while ($dt\_jenis = $dt\_query>fetch\_array()) {** |
| **18** | **?>** |
| **19** | **<option value="<?php echo $dt\_jenis['id\_jenis']; ?>">** |
| **20** | **<?php echo $dt\_jenis['merek']; ?>** |
| **21** | **</option>** |
| **22** | **<?php** |
| **23** | **}** |
| **24** | **?>** |
| **25** | **</select>** |
| **26** | **</td>** |
| **27** | **</tr>** |
| **28** | **<tr>** |
| **29** | **<td>Harga Minuman</td>** |
| **30** | **<td><input type="text" name="harga"></td>** |
| **31** | **</tr>** |
| **32** | **<tr>** |
| **33** | **<td>Ukuran Minuman</td>** |
| **34** | **<td><input type="text" name="ukuran"></td>** |
| **35** | **</tr>** |
| **36** | **<tr>** |
| **37** | **<td>Jumlah Minuman</td>** |
| **38** | **<td><input type="text" name="jumlah"></td>** |
| **39** | **</tr>** |
| **40** | **<tr>** |
| **41** | **<td></td>** |
| **42** | **<td><input type="submit" name="save" value="Save"></td>** |
| **43** | **</tr>** |
| **44** | **<a href='../home.php'>Home</a> | <a href='dt\_minuman.php'>Data** |
| **45** |  |
| **46** | **Minuman</a> | <a href='logout.php'>Logout</a>** |
| **47** | **</table>** |
| **48** | **</form>** |

**Page admin : aksi\_minuman.php**

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **include "../connection.php";** |
| **3** | **$jenis = $\_POST['jenis'];** |
| **4** | **$harga=$\_POST['harga'];** |
| **5** | **$ukuran=$\_POST['ukuran'];** |
| **6** | **$jumlah=$\_POST['jumlah'];** |
| **7** | **$sql="INSERT INTO minuman(id\_jenis, harga,ukuran, jumlah) VALUES('".$jenis."','".** |
| **8** | **$harga."','".ukuran."','".$jumlah."')";** |
| **9** | **$query=$koneksi2->query(($sql));** |
| **10** | **if ($query===true) {** |
| **11** | **header('location:dt\_minuman.php');** |
| **12** | **}else {** |
| **13** | **echo "eroooooor";** |
| **14** | **}** |

# Page admin : dt\_minuman.php

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<a href='../home.php'>Home</a> | <a href='logout.php'>Logout</a></br><a href='form\_minuman.php'>tambah</a>** |
| **2** | **<?php** |
| **3** | **session\_start();** |
| **4** | **include "../connection.php";** |

|  |  |
| --- | --- |
| **5** | **error\_reporting(E\_ALL ^ (E\_NOTICE | E\_WARNING));** |
| **6** | **if (!isset($\_SESSION['username'])) {** |
| **7** | **die("Anda belum login");** |
| **8** | **}** |
| **9** | **$no = 1;** |
| **10** | **$query = "SELECT \* FROM minuman,jenis\_minuman where** |
| **11** | **minuman.id\_jenis=jenis\_minuman.id\_jenis";** |
| **12** | **$dt\_query = $koneksi->query($query);** |
| **13** | **?>** |
| **14** | **<table border="1">** |
| **15** | **<thead>** |
| **16** | **<tr>** |
| **17** | **<th>#</th>** |
| **18** |  |
| **19** | **<th>Jenis Minuman </th>** |
| **20** | **<th>Merek </th>** |
| **21** | **<th>Harga </th>** |
| **22** | **<th>Ukuran </th>** |
| **23** | **<th>Jumlah Stok</th>** |
| **24** | **</tr>** |
| **25** | **</thead>** |
| **26** | **<tbody>** |
| **27** | **<?php** |
| **28** | **while ($dt\_minuman = $dt\_query->fetch\_array()) {** |
| **29** | **?>** |
| **30** | **<tr>** |
| **31** | **<td>** |
| **32** | **<?php echo $no++; ?>** |
| **33** | **</td>** |
| **34** | **<td>** |
| **35** | **<?php echo $dt\_minuman['nm\_jenis']; ?>** |
| **36** | **</td>** |
| **37** | **<td>** |
| **38** | **<?php echo $dt\_minuman['merek']; ?>** |
| **39** | **</td>** |
| **40** | **<td>** |
| **41** | **<?php echo $dt\_minuman['harga']; ?>** |
| **42** | **</td>** |
| **43** | **<td>** |
| **44** | **<?php echo $dt\_minuman['ukuran']; ?>** |
| **45** | **</td>** |
| **46** | **<td>** |
| **47** | **<?php echo $dt\_minuman['jumlah']; ?>** |
| **48** | **</td>** |
| **49** | **<td><a href=''>update</a></td>** |
| **50** | **</tr>** |
| **51** | **<?php** |
| **52** | **}** |
| **53** | **?>** |
| **54** | **</tbody>** |
| **55** | **</table>** |

# Page admin : form\_jenis.php

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<!DOCTYPE html>** |
| **2** | **<html lang="en">** |
| **3** | **<head>** |
| **4** | **<meta charset="UTF-8">** |
| **5** | **<meta http-equiv="X-UA-Compatible" content="IE=edge">** |
| **6** | **<meta name="viewport" content="width=device-width, initial-scale=1.0">** |
| **7** | **<title>Document</title>** |
| **8** | **</head>** |
| **9** | **<body>** |
| **10** | **<form action="aksi\_jenis.php" method="POST">** |
| **11** | **<table>** |
| **12** | **<tr>** |
| **13** | **<td>Nama Jenis Minuman</td>** |
| **14** | **<td><input type="text" name="jenis"></td>** |
| **15** | **</tr>** |
| **16** | **<tr>** |
| **17** | **<td>Merek Minuman</td>** |
| **18** | **<td><input type="submit" name="save" value="save"></td>** |
| **19** | **</tr>** |
| **20** | **<a href='../home.php'>Home</a> | <a href='dt\_jenis.php'>Data Jenis Minuman</a> |** |
| **21** | **<a href="logout.php">Logout</a>** |
| **22** | **</table>** |
| **23** | **</form>** |
| **24** | **</body>** |
| **25** | **</html>** |

# Page admin : aksi\_jenis.php

|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **include "..connection.php";** |
| **3** | **$jenis=$\_POST['jenis'];** |
| **4** | **$merek=$\_POST['merek'];** |
| **5** | **$sql="INSERT INTO jenis\_minuman(nm\_jennis,merek) VALUES('".$jenis."','".$merek."')";** |
| **6** | **$query=$koneksi2->query($sql);** |
| **7** | **if ($query===true) {** |
| **8** | **header('location:dt\_jenis.php');** |
| **9** | **}else {** |
| **10** | **echo "eroooooorrrr";** |
| **11** | **}** |

# Page admin : dt\_jenis.php

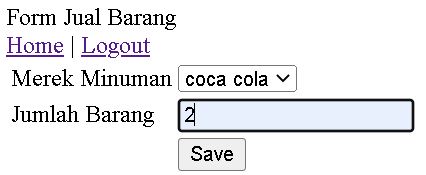
|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<a href='../home.php'>Home</a> | <a href='logout.php'>Logout</a></br><a**  **href='form\_jenis.php'>tambah</a>** |
| **2** | **<?php** |
| **3** | **session\_start();** |
| **4** | **include "../connection.php";** |
| **5** | **error\_reporting(E\_ALL ^ (E\_NOTICE | E\_WARNING));** |
| **6** | **if (!isset($\_SESSION['username'])) {** |
| **7** | **die("Anda belum login");** |
| **8** | **}** |
| **9** | **$no = 1;** |
| **10** | **$query = "SELECT \* FROM jenis\_minuman";** |
| **11** | **$dt\_query = $koneksi->query($query);** |
| **12** | **?>** |
| **13** | **<table border="1">** |
| **14** | **<thead>** |
| **15** | **<tr>** |
| **16** | **<th>#</th>** |
| **17** |  |
| **18** | **<th>Jenis Minuman </th>** |
| **19** | **<th>Merek </th>** |
| **20** | **<th>aksi </th>** |
| **21** | **</tr>** |
| **22** | **</thead>** |
| **23** | **<tbody>** |
| **24** | **<?php** |
| **25** | **while ($dt\_jenis = $dt\_query->fetch\_array()) {** |
| **26** | **?>** |
| **27** | **<tr>** |
| **28** | **<td>** |
| **29** | **<?php echo $no++; ?>** |
| **30** | **</td>** |
| **31** | **<td>** |
| **32** | **<?php echo $dt\_jenis['nm\_jenis']; ?>** |
| **33** | **</td>** |
| **34** | **<td>** |
| **35** | **<?php echo $dt\_jenis['merek']; ?>** |
| **36** | **</td>** |
| **37** | **<td><a href='delete.php?id=<?php echo $dt\_jenis['id\_jenis'];** |
| **38** | **?>'>edit</a> | <a href='delete.php?id=<?php echo $dt\_jenis['id\_jenis'];** |
| **39** | **?>'>delete</a></td>** |
| **40** | **</tr>** |
| **41** | **<?php** |
| **42** | **}** |
| **43** | **?>** |
| **44** | **</tbody>** |
| **45** | **</table>** |

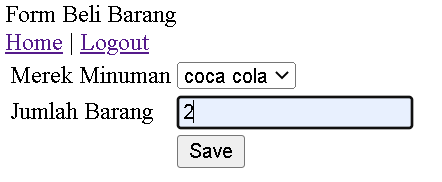
# Page admin : delete.php

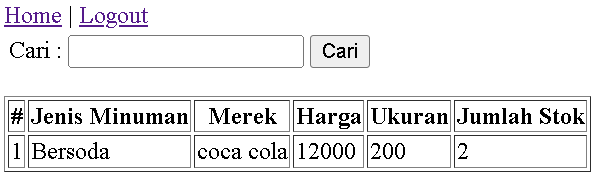
|  |  |
| --- | --- |
| **Baris** | **Kode** |
| **1** | **<?php** |
| **2** | **session\_start();** |
| **3** | **include ".../connection.php";** |
| **4** | **$id=$\_GET['id'];** |
| **5** | **$sql="DELETE from jenis\_minuman where id\_jenis='$id";** |
| **6** | **$query=$koneksi2->query($sql);** |
| **7** | **if ($query) {** |
| **8** | **header('location:dt\_minuman.php');** |
| **9** | **}** |

**Hasil :**

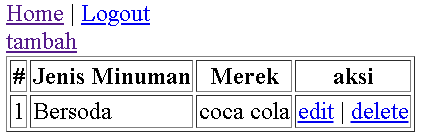
#  Sebagai kasir

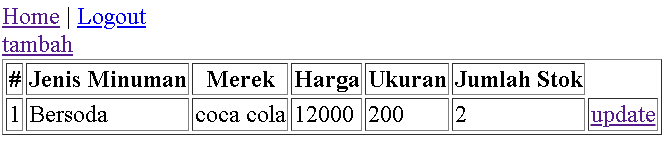


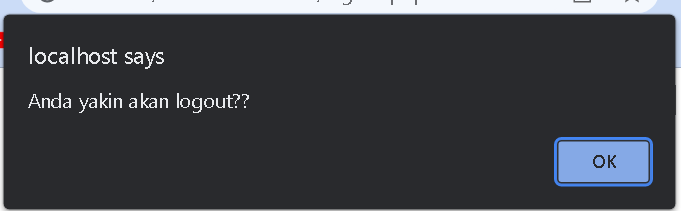




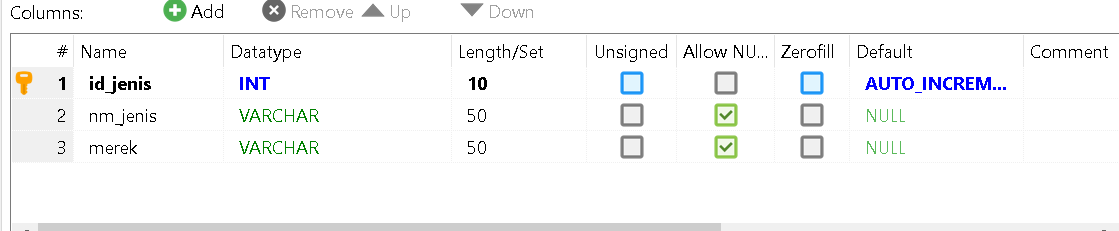
#  Sebagai admin

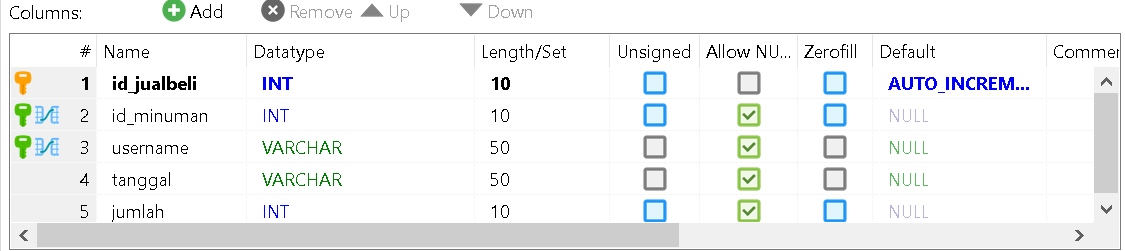


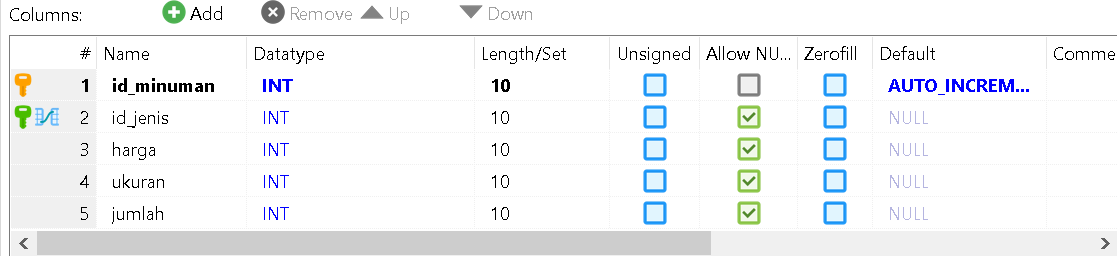


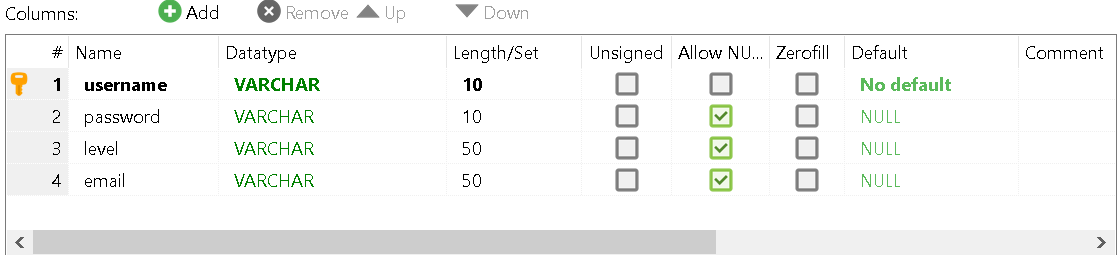


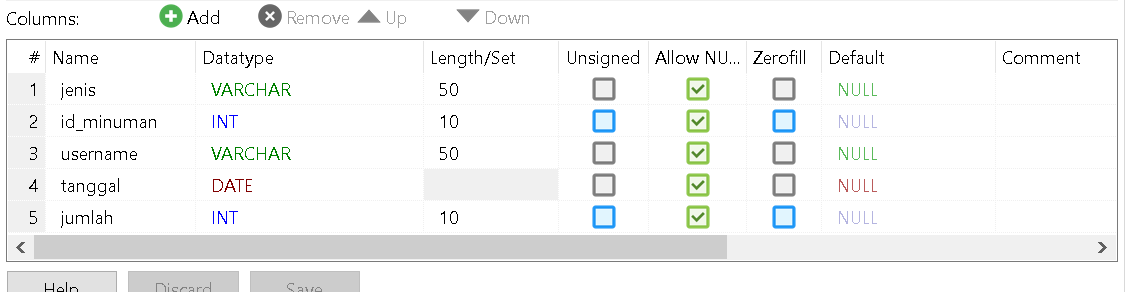
#  Database

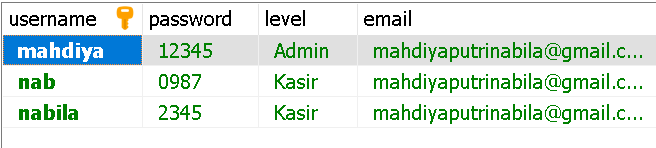


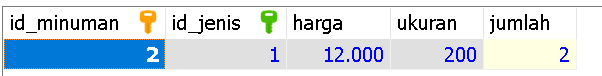












**Analisis :**

Kode program tersebut memiliki beberapa bagian yang bertanggung jawab atas pengelolaan data pengguna, transaksi jual beli minuman, dan tampilan data jenis minuman. Bagian pertama memeriksa status login pengguna dan mengimpor file koneksi. Bagian selanjutnya menampilkan informasi pengguna dan tautan menu berdasarkan level akses. Bagian transaksi mengelola proses jual beli minuman dan memperbarui tabel "jualbeli". Bagian pencarian memungkinkan pengguna mencari minuman berdasarkan kriteria tertentu. Terakhir, bagian pengelolaan data jenis minuman mengambil informasi dari tabel "jenis\_minuman" dan menampilkannya dalam form. Kode program ini mengimplementasikan fitur-fitur penting untuk manajemen pengguna, transaksi, dan tampilan jenis minuman.