

# **LAPORAN RESMI PRAKTIKUM WORKSHOP PEMROGRAMAN WEB**



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## “Login Form, COOKIES dan SESSION”

### TEORI

**Cookies** adalah sebuah informasi yang diletakan pada komputer klient. Karena tersimpan pada klient maka data pada cookies harus bersifat sekunder, tidak boleh berupa data primer misalnya data user, username dan password. Contoh pemakaian Cookies yang paling sering kita temui misalnya pada website toko online dengan sistem cart (*keranjang belanja*). Saat pengguna memilih-milih barang dan memasukkannya kedalam keranjang belanja maka data ini akan disimpan pada cookies. Dengan demikian server tidak terbebani jika ada banya user yang sedang berbelanja online.

Untuk membuat cookie bisa menggunakan fungsi `setcookie()`. Untuk syntax dasar pembuatan cookie dapat dilihat sebagai berikut.

```
setcookie(name, value, expire, path, domain, secure, httponly);
```

### Keterangan

- **name**, wajib diisi, merupakan nama dari cookie.
- **value**, wajib diisi, merupakan nilai dari cookie.
- **expire**, opsional, merupakan batas waktu expired cookie.
- **path**, opsional, merupakan path server sebuah cookie.
- **domain**, opsional, merupakan nama domain sebuah cookie.
- **secure**, opsional, merupakan tanda kalau cookie harus dikirim melalui protokol HTTPS.

**Session** adalah cara yang digunakan untuk menyimpan informasi pada komputer server untuk digunakan pada beberapa halaman termasuk halaman itu sendiri. Session menyimpan informasi ke dalam bentuk variabel super global `$_SESSION`. Variabel ini disimpan pada komputer server dan dapat digunakan oleh semua halaman pada website tempat Session dimulai. Session berbeda dengan cookie yang menyimpan informasi pada komputer client (*pengguna*).

Coba perhatikan ilustrasi berikut, Pernahkan anda masuk kepada sebuah website yang mana untuk melihat halaman tertentu anda harus daftar terlebih dahulu. Contoh lain ketika anda telah terdaftar pada umunya anda akan masuk pada halaman tertentu untuk melakukan update profile anda. Seandainya anda tidak login bisakah anda melakukan update profile anda meskipun anda tau link/url nya? Jawabanya adalah “*tidak bisa*”.

---

Pada dasarnya ketika anda login ke halaman yang harus di akses dengan menjadi member

## PRAKTIKUM 13

atau login untuk mengakses halaman untuk mengedit profile anda halaman akan melakukan query ke database untuk melakukan checking apakah anda telah terdaftar. Jika data anda ada maka anda

akan di iijinkan untuk masuk/melihat jika belum terdaftar maka anda tidak di iijinkan. Tentunya untuk halaman yang hanya boleh di akses dengan anda harus menjadi member terlebih dahulu tidak hanya satu halaman saja, banyak sekali halaman-halaman yang lain. Apakah ketika anda berpindah kehalaman lain akan dilakukan query lagi (login lagi) untuk memastikan anda adalah member? Dan apakah hal itu(login dan query ke database) terus dilakukan berulang-ulang setiap anda berpindah halaman? Jawabanya adalah "*tidak*". Lalu bagaimana solusi untuk hal tersebut untuk memastikan bahwa ketika masuk dari satu halaman ke halaman lainnya dapat dipastikan bahwa user terverifikasi bahwa dia diijinkan untuk mengaksesnya dan terverifikasi bahwa itu adalah halaman dia dan tidak tertukar dengan halaman member lain? *SESSION* adalah solusinya.

Dengan menggunakan session cukup melakukan query ke dalam database sekali saja ketika user melakukan login. Kemudian data dari database akan disimpan kedalam variabel session. Data itulah yang nantinya akan digunakan untuk melakukan verifikasi disetiap user berpindah-pindah halaman. Untuk detail penggunaan session dapat dilihat sebagai berikut.

```
session_start();
```

Fungsi di atas adalah fungsi yang dilakukan untuk memulai menggunakan session. Fungsi tersebut selalu diletakan paling atas pada sebuah halaman. Setiap halaman yang menggunakan variabel session fungsi di atas harus selalu dipanggil.

```
<?php
// memulai session
session_start();
?>
<!DOCTYPE html>
<html>
<body>

<?php
// Set variabel session
$_SESSION["favcolor"] = "hijau";
$_SESSION["favanimal"] = "sapi";
echo "Variabel session telah di set.";
?>

</body>
</html>
```

Kode di atas adalah sebuah contoh kode bagaimana melakukan set value pada variabel session. Perhatikan fungsi `session_start()` diletakan pada posisi paling atas baris kode. Variabel session juga bisa diubah nilainya. Untuk mengubah nilai dari variabel session cukup

mendeklarasikan ulang variabel yang ingin diubah dan memberikan nilai baru. Cara tersebut sama seperti bagaimana merubah nilai variabel pada bahasa pemrograman pada umumnya.

```
<?php
session_start();
?>
<!DOCTYPE html>
<html>
<body>

<?php

echo "Favorite color is " . $_SESSION["favcolor"] . "<br>";
echo "Favorite animal is " . $_SESSION["favanimal"] . ".";
?>

</body>
</html>
```

Kode di atas adalah sebuah contoh kode program PHP bagaimana mengambil nilai dari variabel session dari variabel yang telah dilakukan set variabel pada contoh kode program sebelumnya. Ingat, seperti yang telah dijelaskan sebelumnya bahwa fungsi `session_start()` selalu di gunakan setiap menggunakan variabel session.

```
<?php
session_start();
?>
<!DOCTYPE html>
<html>
<body>

<?php
// menghapus nilai dari variabel session
session_unset();

// menghapus session
session_destroy();
?>

</body>
</html>
```

Kode di atas adalah sebuah contoh kode PHP bagaimana cara untuk menghapus session. Ketika user melakukan logging out dari sebuah website biasanya sekaligus juga melakukan penghapusan session.

## PRAKTIKUM 13

Cobalah percobaan di bawah ini dan pahami dari setiap percobaan yang dilakukan.

Tools untuk praktikum :

- Web service : XAMPP, Apache dll
- Browser : FireFox, Google Chrome dll
- Editor : Notepad, NetBeans, Dreamweaver dll

## PRAKTIKUM

Data :

```
1
2 create database mahasiswapens;|
3
4 create table mahasiswa
5 (
6     id int(100) auto_increment not null primary key ,
7     nama varchar(200),
8     nrp varchar(35),
9     alamat varchar(200),
10    ttl varchar(30),
11    email varchar(200),
12    nohp varchar(50),
13    username varchar(100),
14    password varchar(50) not null
15 ) engine = InnoDB;
```

Isi tabel (mahasiswa) :

	id	nama	nrp	alamat	ttl	email	nohp	username	password
1	1	Ghaly Abrarian Putra	30293	Raya ITS	Surabaya, 30-01-05	ghalyallcoc@gmail.com	0811374089	ghalyabr@it.student.pens.ac.id	300105
2	2	Vonda Toyon	30291	Jl. Demak	Jakarta, 29-01-02	vondaamart@gmail.com	0811374081	vonda	111

Source Code Config

```
config.php
1 <?php
2 $dbhost = 'localhost';
3 $dbuser = 'root';
4 $dbpass = '';
5 $dbname = 'mahasiswapens';
6 ?>

opendb.php
1 <?php
2 include "config.php";
3 $conn = mysqli_connect($dbhost, $dbuser, $dbpass, $dbname)
4 or die
5 ("Error connecting to mysql");
6 ?>
```

Login :

```
<?php
session_start();
$errorMessage = '';
if (isset($_POST['login'])) {
    if (isset($_POST['username']) && isset($_POST['Password'])) {
        include './library/config.php';
        include './library/opendb.php';
        $username = $_POST['username'];
        $password = $_POST['Password'];
        $sql = "SELECT username FROM mahasiswa WHERE username = '$username'
AND password = '$password'";
        $result = mysqli_query($conn, $sql);
        if (mysqli_num_rows($result) == 1) {
            $_SESSION['user_is_logged_in'] = true;
            $cookie_name = "user";
            $cookie_value = $username;
            setcookie($cookie_name, $cookie_value, time() + (86400 * 30),
"/");
            header('Location: blank.php');
            exit;
        } else {
            $errorMessage = 'Sorry, wrong user id / password';
        }
        include './library/closedb.php';
    }
}
?>
<!doctype html>
<html lang="en">

<head>
    <title>Login 10</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">

    <link
href="https://fonts.googleapis.com/css?family=Lato:300,400,700&display=swap"
rel="stylesheet">
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" href="dist/css2/style.css">
```

```

<?php if ($errorMessage != '') : ?>
    <p align="center"><strong>
        <font color="#990000"><?php echo $errorMessage; ?></font>
    </strong></p>
<?php endif; ?>

<script>
    function showCookieConsent() {
        var consent = confirm("This website uses cookies to ensure you
get the best experience. By continuing to use this site, you agree to our use
of cookies.");
        if (consent) {
            setCookie('cookieConsent', true, 30);
            return true;
        }
        return false;
    }

    function setCookie(cookieName, cookieValue, expirationDays) {
        var d = new Date();
        d.setTime(d.getTime() + (expirationDays * 24 * 60 * 60 * 1000));
        var expires = "expires=" + d.toUTCString();
        document.cookie = cookieName + "=" + cookieValue + ";" + expires
+ ";path=/";
    }

    function getCookie(cookieName) {
        var name = cookieName + "=";
        var decodedCookie = decodeURIComponent(document.cookie);
        var cookieArray = decodedCookie.split(';');
        for (var i = 0; i < cookieArray.length; i++) {
            var cookie = cookieArray[i];
            while (cookie.charAt(0) == ' ') {
                cookie = cookie.substring(1);
            }
            if (cookie.indexOf(name) == 0) {
                return cookie.substring(name.length, cookie.length);
            }
        }
        return "";
    }

    window.onload = function() {
        if (!getCookie('cookieConsent')) {

```



```

        showCookieConsent();
    }
};

document.getElementById('loginForm').addEventListener('submit',
function(event) {
    if (!getCookie('cookieConsent') && !showCookieConsent()) {
        event.preventDefault();
    }
});
</script>
<style>
    /* Your custom CSS styles here */
    /* Reset CSS */
    * {
        margin: 0;
        padding: 0;
        box-sizing: border-box;
    }

    body {
        font-family: Arial, sans-serif;
        background-color: #f8f9fa;
    }

    .container {
        max-width: 960px;
        margin: 0 auto;
        padding: 20px;
    }

    .login-wrap {
        background-color: #fff;
        border-radius: 8px;
        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
        padding: 30px;
    }

    .mb-4 {
        margin-bottom: 1.5rem;
    }

    .text-center {
        text-align: center;

```

```

    }

    .form-group {
        margin-bottom: 20px;
    }

    .form-control {
        width: 100%;
        height: 40px;
        padding: 0 10px;
        font-size: 16px;
        border: 1px solid #ced4da;
        border-radius: 4px;
    }

    .btn {
        display: inline-block;
        font-weight: 400;
        color: #fff;
        text-align: center;
        vertical-align: middle;
        cursor: pointer;
        border: 1px solid transparent;
        padding: 0.375rem 0.75rem;
        font-size: 1rem;
        line-height: 1.5;
        border-radius: 0.25rem;
        transition: color 0.15s ease-in-out, background-color 0.15s ease-in-out, border-color 0.15s ease-in-out,
            box-shadow 0.15s ease-in-out;
    }

    .btn-primary {
        background-color: #007bff;
        border-color: #007bff;
    }

    .btn-primary:hover {
        background-color: #0056b3;
        border-color: #0056b3;
    }

    .toggle-password {
        position: absolute;

```

```

        right: 10px;
        top: 50%;
        transform: translateY(-50%);
        cursor: pointer;
    }

    /* Responsive */
    @media (max-width: 768px) {
        .container {
            padding: 10px;
        }

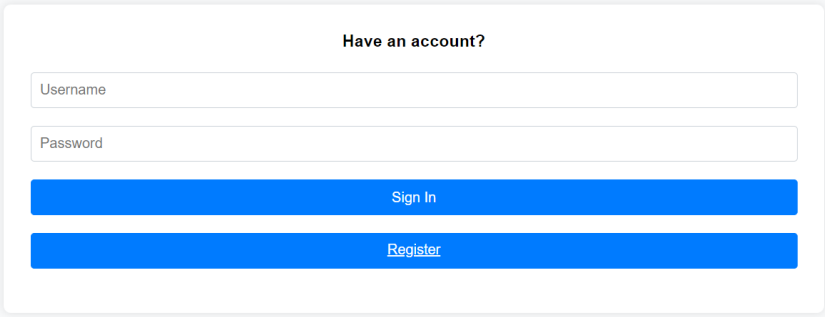
        .login-wrap {
            padding: 20px;
        }
    }

    @media (max-width: 576px) {
        .form-control {
            height: 35px;
            font-size: 14px;
        }
    }
</style>
</head>
<body onload="showCookieConsent()">
    <section class="ftco-section">
        <div class="container">
            <div class="row justify-content-center">
                <div class="col-md-6 col-lg-4">
                    <div class="login-wrap p-0">
                        <h3 class="mb-4 text-center">Have an account?</h3>
                        <form action="#" method="POST" class="signin-form">
                            <div class="form-group">
                                <input name="username" type="text"
class="form-control" placeholder="Username">
                            </div>
                            <div class="form-group">
                                <input name="Password" id="login_password"
type="password" class="form-control"
                                placeholder="Password">
                                <span toggle="#login_password"
                                class="fa fa-fw fa-eye field-icon toggle-
password"></span>

```

```
        </div>
        <div class="form-group" action="main.php">
            <button type="submit" name="login"
class="form-control btn btn-primary submit px-3"
            onclick="showCookieConsent()">Sign
In</button>
        </div>
        <div class="form-group" action="">
            <a href="regis.php" class="form-control btn
btn-primary submit px-3">Register</a>
        </div>
    </form>
</div>
</div>
</div>
</div>
</section>
</body>
</html>
```

Output :



The screenshot shows a web form titled "Have an account?". It contains two input fields: "Username" and "Password". Below these fields are two blue buttons: "Sign In" and "Register". The "Register" button is underlined. The form is centered on a light gray background.

Analisa :

Disini user diminta untuk memasukan username dan password, jika user belum mendaftar maka harus "register" terlebih dahulu dengan menekan button "register".

Register :

```
<?php
session_start();
include './library/config.php';
include './library/opendb.php';

$errorMessage = '';

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $nama = $_POST['nama'];
    $nrp = $_POST['nrp'];
    $alamat = $_POST['alamat'];
    $ttl = $_POST['ttl'];
    $email = $_POST['email'];
    $nohp = $_POST['nohp'];
    $username = $_POST['username'];
    $password = $_POST['txtPassword'];
    $sql = "INSERT INTO mahasiswa (nama, nrp, alamat, ttl, email, nohp,
username, password) VALUES ('$nama', '$nrp', '$alamat', '$ttl', '$email',
'$nohp', '$username', '$password')";
    if (mysqli_query($conn, $sql)) {
        $_SESSION['user_is_logged_in'] = true;
        header('Location: login.php');
        exit;
    } else {
        $errorMessage = 'Error: ' . mysqli_error($conn);
    }
}
include './library/closedb.php';
?>

<style>
    /* Reset CSS */
    * {
        margin: 0;
        padding: 0;
        box-sizing: border-box;
    }

    body {
        font-family: 'Lato', sans-serif;
        background-color: #f8f9fa;
    }
}
```

```
.login-section {
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
}

.login-wrap {
  background-color: #ffffff;
  border-radius: 8px;
  box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
  padding: 30px;
  width: 100%;
  max-width: 400px;
}

.mb-4 {
  margin-bottom: 1.5rem;
}

.text-center {
  text-align: center;
}

.form-group {
  margin-bottom: 20px;
}

.form-control {
  width: 100%;
  height: 40px;
  padding: 0 10px;
  font-size: 16px;
  border: 1px solid #ced4da;
  border-radius: 4px;
}

.btn {
  display: inline-block;
  font-weight: 400;
  color: #fff;
  text-align: center;
  vertical-align: middle;
  cursor: pointer;
```

```

border: 1px solid transparent;
padding: 0.375rem 0.75rem;
font-size: 1rem;
line-height: 1.5;
border-radius: 0.25rem;
transition: color 0.15s ease-in-out, background-color 0.15s ease-in-out,
border-color 0.15s ease-in-out,
        box-shadow 0.15s ease-in-out;
}

.btn-primary {
    background-color: #007bff;
    border-color: #007bff;
}

.btn-primary:hover {
    background-color: #0056b3;
    border-color: #0056b3;
}

/* Responsive */
@media (max-width: 768px) {
    .login-wrap {
        padding: 20px;
    }
}

@media (max-width: 576px) {
    .form-control {
        height: 35px;
        font-size: 14px;
    }
}

</style>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Register Form</title>

```



```

    <link
href="https://fonts.googleapis.com/css?family=Lato:300,400,700&display=swap"
rel="stylesheet">
    <link rel="stylesheet" href="dist/css/style.css">
</head>
<body>
    <section class="login-section">
        <div class="login-wrap">
            <h3 class="mb-4 text-center">CREATE AN ACCOUNT</h3>
            <?php if ($errorMessage != '') : ?>
                <p align="center"><strong><font color="#990000"><?php echo
$errorMessage; ?></font></strong></p>
            <?php endif; ?>
            <form method="post" action="">
                <div class="form-group">
                    <input name="nama" type="text" id="nama" class="form-
control" placeholder="Nama" value="<?php echo isset($_POST['nama']) ?
$_POST['nama'] : ''; ?>" required>
                </div>
                <div class="form-group">
                    <input name="nrp" type="text" id="nrp" class="form-
control" placeholder="NRP" value="<?php echo isset($_POST['nrp']) ?
$_POST['nrp'] : ''; ?>" required>
                </div>
                <div class="form-group">
                    <input name="alamat" type="text" id="alamat" class="form-
control" placeholder="Alamat" value="<?php echo isset($_POST['alamat']) ?
$_POST['alamat'] : ''; ?>" required>
                </div>
                <div class="form-group">
                    <input name="ttl" type="text" id="ttl" class="form-
control" placeholder="Tempat Tanggal Lahir" value="<?php echo
isset($_POST['ttl']) ? $_POST['ttl'] : ''; ?>" required>
                </div>
                <div class="form-group">
                    <input name="email" type="text" id="email" class="form-
control" placeholder="Email" value="<?php echo isset($_POST['email']) ?
$_POST['email'] : ''; ?>" required>
                </div>
                <div class="form-group">
                    <input name="nohp" type="text" id="nohp" class="form-
control" placeholder="Nomor HP" value="<?php echo isset($_POST['nohp']) ?
$_POST['nohp'] : ''; ?>" required>
                </div>
            </form>
        </div>
    </section>

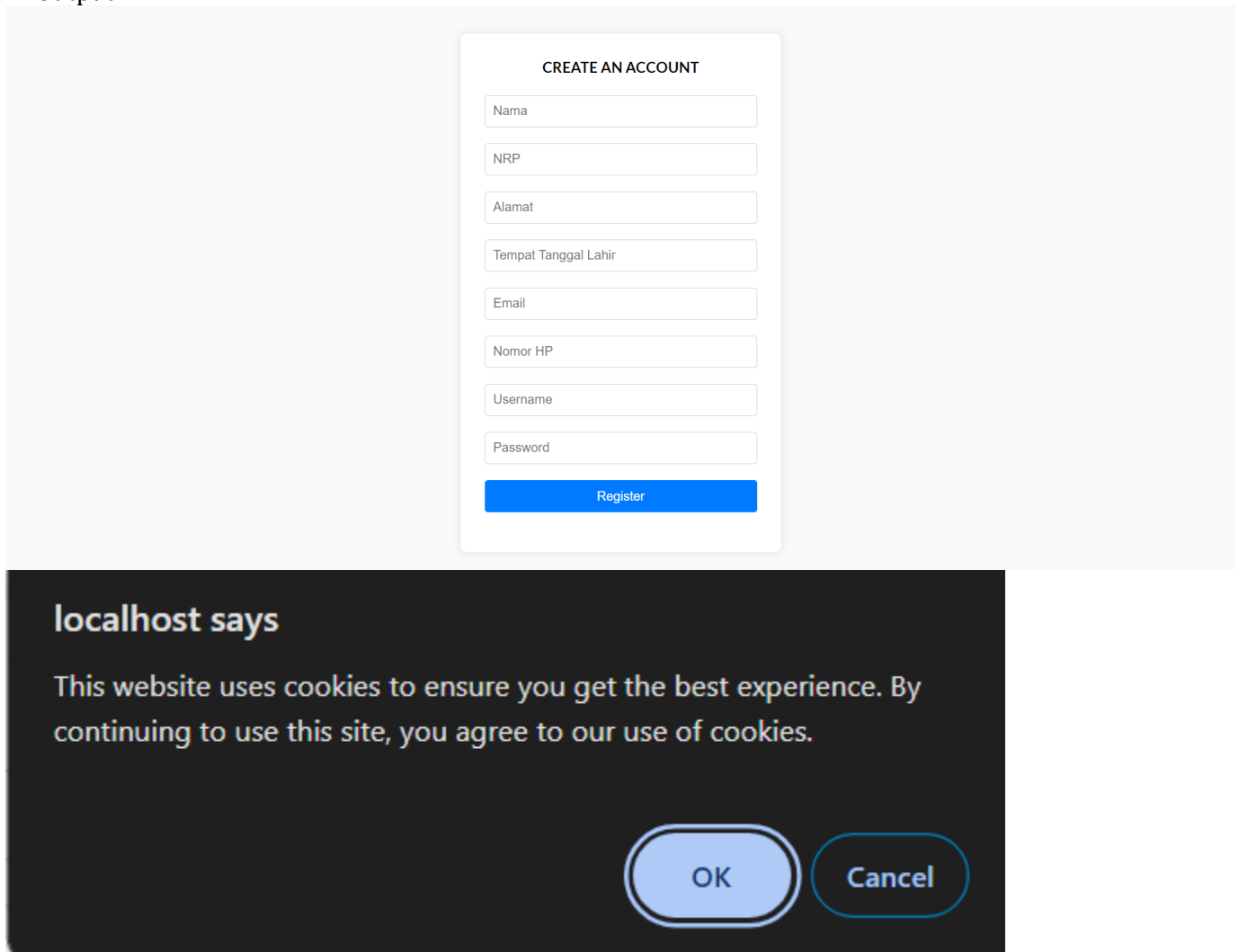
```

```

        <div class="form-group">
            <input name="username" type="text" id="username"
class="form-control" placeholder="Username" value="<?php echo
isset($_POST['username']) ? $_POST['username'] : ''; ?>" required>
        </div>
        <div class="form-group">
            <input name="txtPassword" id="txtPassword"
type="password" class="form-control" placeholder="Password" value="<?php echo
isset($_POST['txtPassword']) ? $_POST['txtPassword'] : ''; ?>" required>
        </div>
        <div class="form-group">
            <button type="submit" class="form-control btn btn-primary
submit px-3">Register</button>
        </div>
    </form>
</div>
</section>
</body>
</html>

```

Output :



The image displays two web interface elements. The top element is a 'CREATE AN ACCOUNT' form with a white background and a light gray border. It contains eight input fields: 'Nama', 'NRP', 'Alamat', 'Tempat Tanggal Lahir', 'Email', 'Nomor HP', 'Username', and 'Password'. Below these fields is a blue 'Register' button. The bottom element is a dark gray cookie consent banner. It features the text 'localhost says' in a bold, light gray font, followed by a message about cookies. At the bottom right of the banner are two buttons: 'OK' (highlighted with a blue glow) and 'Cancel'.

CREATE AN ACCOUNT

Nama

NRP

Alamat

Tempat Tanggal Lahir

Email

Nomor HP

Username

Password

Register

localhost says

This website uses cookies to ensure you get the best experience. By continuing to use this site, you agree to our use of cookies.

OK Cancel

Analisa :

Disini user diminta memasukan beberapa informasi yang akan disimpan ke sql .dan jika sudah maka user diarahkan ke login page untuk memasukan username dan passwordnya. Saat user menekan “singin” user diminta menyetujui cookies dengan menekan button ok.

Home/ Dasbord :

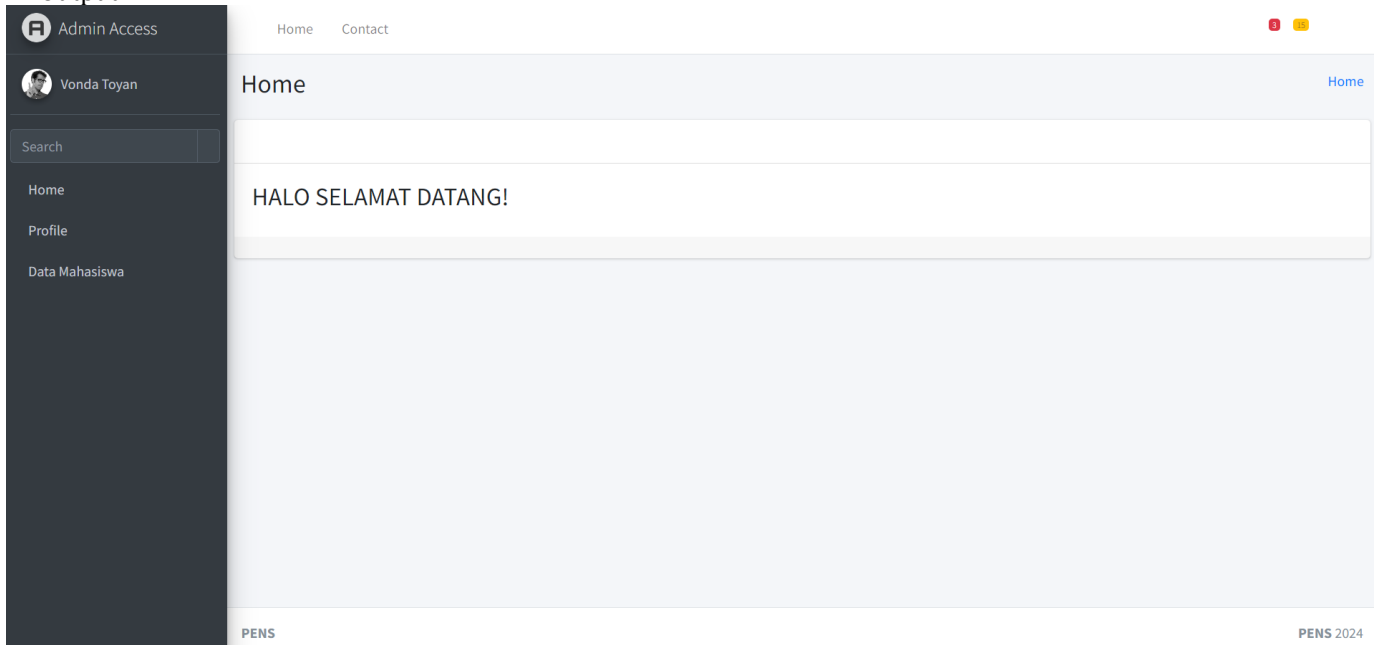
```

1  <?php
2  session_start();
3
4  if (!isset($_SESSION['user_is_logged_in'])) {
5      header('Location: login.php');
6      exit;
7  }
8
9  include './library/config.php';
10 include './library/opendb.php';
11
12 $username = $_COOKIE['user'];
13 $sql = "SELECT * FROM regis WHERE username = '$username'";
14 $result = mysqli_query($conn, $sql);
15
16 include './library/closedb.php';
17 ?>
18
19 <!DOCTYPE html>
20 <html lang="en">
21
22 <head>
23     <meta charset="UTF-8">
24     <meta name="viewport" content="width=device-width, initial-scale=1.0">
25     <title>Home Page</title>
26     <link href="https://fonts.googleapis.com/css?family=Lato:300,400,700&display=swap" rel="stylesheet">
27     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
28     <link rel="stylesheet" href="dist/css2/style.css">
29 </head>
30
31 <body class="img js-fullheight" style="background-image: url(https://cdn-1.timesmedia.co.id/images/2022/04/14/Gedung-PENS.jpg);">
32
33     <section class="ftco-section">
34         <div class="container">
35             <div class="row justify-content-center">
36                 <div class="col-md-8">
37                     <h2 class="mb-4 text-center">Welcome to Home Page</h2>
38                     <?php while ($row = mysqli_fetch_assoc($result)) : ?>
39                         <div class="user-data">
40                             <strong>Nama:</strong> <?php echo $row['nama']; ?><br>
41                             <strong>NRP:</strong> <?php echo $row['nrp']; ?><br>
42                             <strong>Alamat:</strong> <?php echo $row['alamat']; ?><br>
43                             <strong>TTL:</strong> <?php echo $row['ttl']; ?><br>
44                             <strong>Email:</strong> <?php echo $row['email']; ?><br>
45                             <strong>No HP:</strong> <?php echo $row['nohp']; ?><br>
46                             <strong>Username:</strong> <?php echo $row['username']; ?><br>
47                         </div>
48                     <?php endwhile; ?>
49                 </div>
50             </div>
51         </div>
52     </section>
53
54     <script src="dist/js2/jquery.min.js"></script>
55     <script src="dist/js2/popper.js"></script>
56     <script src="dist/js2/bootstrap.min.js"></script>
57     <script src="dist/js2/main.js"></script>
58
59 </body>
60
61 </html>
62

```

## PRAKTIKUM 13

Output :



Analisa :

Disini user sudah berhasil melakukan login dengan tanda “pada panel kiri menjadi username USER”

Profile :

```
<?php
session_start();

if (!isset($_SESSION['user_is_logged_in'])) {
    header('Location: login.php');
    exit;
}

include './library/config.php';
include './library/opendb.php';

$username = $_COOKIE['user'];

$sql = "SELECT * FROM mahasiswa WHERE username = '$username'";
$result = mysqli_query($conn, $sql);

include './library/closedb.php';
?>
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>GHALY</title>

    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">

    <link rel="stylesheet" href="dist/plugins/fontawesome-free/css/all.min.css">

    <link rel="stylesheet" href="dist/css/adminlte.min.css">
</head>

<body class="hold-transition sidebar-mini">

    <div class="wrapper">
        <nav class="main-header navbar navbar-expand navbar-white navbar-light">
            <ul class="navbar-nav">
```

```

        <li class="nav-item">
            <a class="nav-link" data-widget="pushmenu" href="#"
role="button"><i class="fas fa-bars"></i></a>
        </li>
        <li class="nav-item d-none d-sm-inline-block">
            <a href="../../index3.html" class="nav-link">Home</a>
        </li>
        <li class="nav-item d-none d-sm-inline-block">
            <a href="#" class="nav-link">Contact</a>
        </li>
    </ul>

    <ul class="navbar-nav ml-auto">
        <li class="nav-item">
            <a class="nav-link" data-widget="navbar-search" href="#"
role="button">
                <i class="fas fa-search"></i>
            </a>
            <div class="navbar-search-block">
                <form class="form-inline">
                    <div class="input-group input-group-sm">
                        <input class="form-control form-control-navbar" type="search"
placeholder="Search" aria-label="Search">
                        <div class="input-group-append">
                            <button class="btn btn-navbar" type="submit">
                                <i class="fas fa-search"></i>
                            </button>
                            <button class="btn btn-navbar" type="button" data-
widget="navbar-search">
                                <i class="fas fa-times"></i>
                            </button>
                        </div>
                    </div>
                </form>
            </div>
        </li>

        <li class="nav-item dropdown">
            <a class="nav-link" data-toggle="dropdown" href="#">
                <i class="far fa-comments"></i>
                <span class="badge badge-danger navbar-badge">3</span>
            </a>
            <div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
                <a href="#" class="dropdown-item">

```

```

        <div class="media">
            
            <div class="media-body">
                <h3 class="dropdown-item-title">
                    Brad Diesel
                    <span class="float-right text-sm text-danger"><i
class="fas fa-star"></i></span>
                </h3>
                <p class="text-sm">Call me whenever you can...</p>
                <p class="text-sm text-muted"><i class="far fa-clock mr-
1"></i> 4 Hours Ago</p>
            </div>
        </div>
    </a>
    <div class="dropdown-divider"></div>
    <a href="#" class="dropdown-item">
        <div class="media">
            
            <div class="media-body">
                <h3 class="dropdown-item-title">
                    John Pierce
                    <span class="float-right text-sm text-muted"><i
class="fas fa-star"></i></span>
                </h3>
                <p class="text-sm">I got your message bro</p>
                <p class="text-sm text-muted"><i class="far fa-clock mr-
1"></i> 4 Hours Ago</p>
            </div>
        </div>
    </a>
    <div class="dropdown-divider"></div>
    <a href="#" class="dropdown-item">
        <div class="media">
            
            <div class="media-body">
                <h3 class="dropdown-item-title">
                    Nora Silvester
                    <span class="float-right text-sm text-warning"><i
class="fas fa-star"></i></span>
                </h3>
                <p class="text-sm">The subject goes here</p>

```



```

        <p class="text-sm text-muted"><i class="far fa-clock mr-
1"></i> 4 Hours Ago</p>
        </div>
    </div>
</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item dropdown-footer">See All
Messages</a>
</div>
</li>
<li class="nav-item dropdown">
    <a class="nav-link" data-toggle="dropdown" href="#">
        <i class="far fa-bell"></i>
        <span class="badge badge-warning navbar-badge">15</span>
    </a>
    <div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
        <span class="dropdown-item dropdown-header">15
Notifications</span>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item">
            <i class="fas fa-envelope mr-2"></i> 4 new messages
            <span class="float-right text-muted text-sm">3 mins</span>
        </a>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item">
            <i class="fas fa-users mr-2"></i> 8 friend requests
            <span class="float-right text-muted text-sm">12 hours</span>
        </a>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item">
            <i class="fas fa-file mr-2"></i> 3 new reports
            <span class="float-right text-muted text-sm">2 days</span>
        </a>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item dropdown-footer">See All
Notifications</a>
    </div>
</li>
<li class="nav-item">
    <a class="nav-link" data-widget="fullscreen" href="#"
role="button">
        <i class="fas fa-expand-arrows-alt"></i>
    </a>
</li>

```

```

        <li class="nav-item">
            <a class="nav-link" data-widget="control-sidebar" data-slide="true"
href="#" role="button">
                <i class="fas fa-th-large"></i>
            </a>
        </li>
    </ul>
</nav>
<aside class="main-sidebar sidebar-dark-primary elevation-4">
    <a href="../../index3.html" class="brand-link">
        
        <span class="brand-text font-weight-light">Admin Access</span>
    </a>

    <div class="sidebar">
        <div class="user-panel mt-3 pb-3 mb-3 d-flex">
            <div class="image">
                
            </div>
            <div class="info">
                <a href="#" class="d-block">
                    Vonda Toyan
                </a>
            </div>
        </div>

        <div class="form-inline">
            <div class="input-group" data-widget="sidebar-search">
                <input class="form-control form-control-sidebar" type="search"
placeholder="Search" aria-label="Search">
                <div class="input-group-append">
                    <button class="btn btn-sidebar">
                        <i class="fas fa-search fa-fw"></i>
                    </button>
                </div>
            </div>
        </div>

        <nav class="mt-2">
            <ul class="nav nav-pills nav-sidebar flex-column" data-
widget="treeview" role="menu" data-accordion="false">
                <li class="nav-item">

```

```

        <a href="blank.php" class="nav-link">
            <i class="nav-icon fas fa-tachometer-alt"></i>
            <p>
                Profile
                <i class="right fas fa-angle-left"></i>
            </p>
        </a>
    </li>
    <li class="nav-item">
        <a href="profile.php" class="nav-link">
            <i class="nav-icon fas fa-edit"></i>
            <p>
                Profile
                <i class="fas fa-angle-left right"></i>
            </p>
        </a>
    <li class="nav-item">
        <a href="data.php" class="nav-link">
            <i class="nav-icon fas fa-table"></i>
            <p>
                Data Mahasiswa
                <i class="fas fa-angle-left right"></i>
            </p>
        </a>
    </li>

</nav>
</div>
</aside>
<div class="content-wrapper">
    <section class="content-header">
        <div class="container-fluid">
            <div class="row mb-2">
                <div class="col-sm-6">
                    <h1>Home</h1>
                </div>
                <div class="col-sm-6">
                    <ol class="breadcrumb float-sm-right">
                        <li class="breadcrumb-item"><a href="#">Home</a></li>
                    </ol>
                </div>
            </div>
        </div>
    </div>

```

```

</section>
<section class="content">
  <section class="section about-section gray-bg" id="about">
    <div class="container">
      <div class="row align-items-center flex-row-reverse">
        <div class="col-lg-6">
          <div class="about-text go-to">
            <div class="row about-list">
              <div class="col-md-8">
                <h2 class="mb-4 text-center">Profile</h2>
                <table class="table table-bordered">
                  <?php while ($row = mysqli_fetch_assoc($result)) : ?>
                    <tbody>
                      <tr>
                        <th scope="col">Nama</th>
                        <td><?php echo $row['nama']; ?></td>
                      </tr>
                      <tr>
                        <th scope="row">NRP</th>
                        <td><?php echo $row['nrp']; ?></td>
                      </tr>
                      <tr>
                        <th scope="row">Alamat</th>
                        <td><?php echo $row['alamat']; ?></td>
                      </tr>
                      <tr>
                        <th scope="row">TTL</th>
                        <td><?php echo $row['ttl']; ?></td>
                      </tr>
                      <tr>
                        <th scope="row">Email</th>
                        <td><?php echo $row['email']; ?></td>
                      </tr>
                      <tr>
                        <th scope="row">No HP</th>
                        <td><?php echo $row['nohp']; ?></td>
                      </tr>
                      <tr>
                        <th scope="row">Username</th>
                        <td><?php echo $row['username']; ?></td>
                      </tr>
                    </tbody>
                  <?php endwhile; ?>
                </table>

```

```

        </div>
    </div>
</div>
</div>
<div class="col-lg-6">
    <div class="about-avatar">
        

    </div>
</div>
</div>
</div>
</div>
</section>

<div class="card-footer">

</div>

</div>

</section>

</div>

<footer class="main-footer">
    <div class="float-right d-none d-sm-block">
        <b>PENS</b> 2024
    </div>
    <strong>PENS</strong>
</footer>

<aside class="control-sidebar control-sidebar-dark">
</aside>
</div>
<script src="dist/plugins/jquery/jquery.min.js"></script>
<script src="dist/plugins/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="dist/dist/js/adminlte.min.js"></script>
<script src="dist/dist/js/demo.js"></script>
</body>

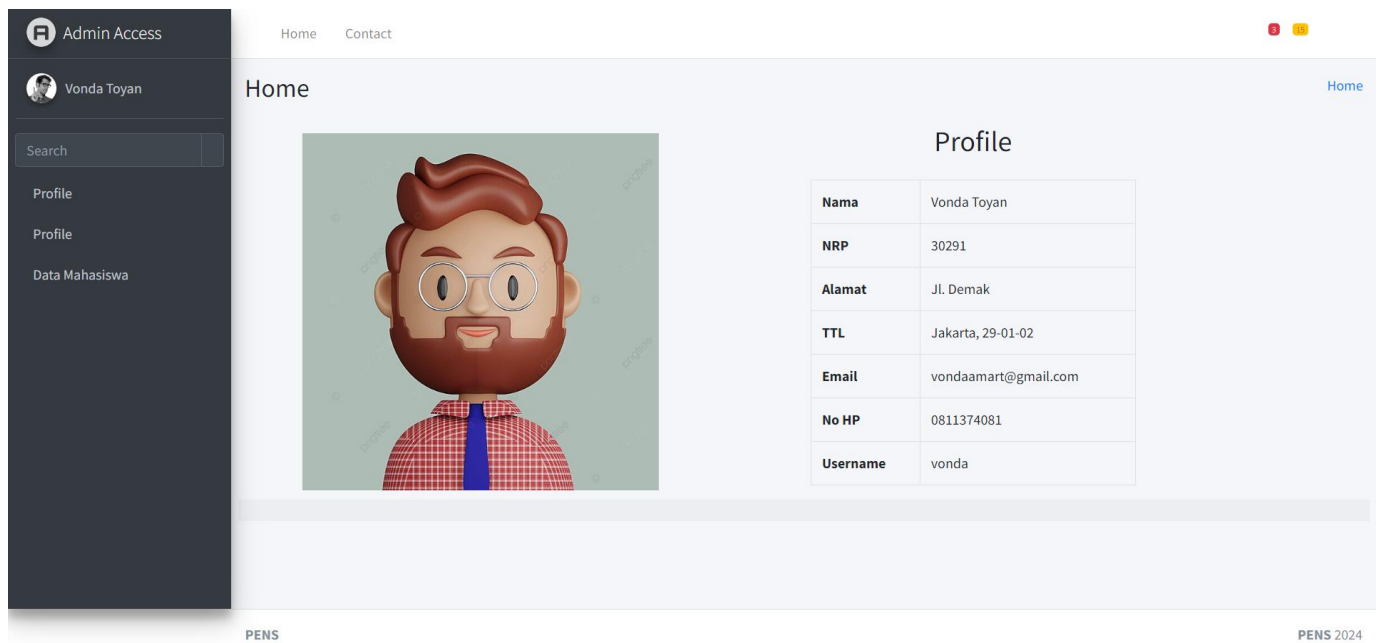
```

## PRAKTIKUM 13

```
</html>
```

## PRAKTIKUM 13

Output :



Analisa :

Tampilan untuk menu **Profile User** . disini user bisa melihat isi dari profil yang telah di inputkan sebelumnya di register.

Data Mahasiswa :

```
<?php
session_start();
if (!isset($_SESSION['user_is_logged_in'])) {
    header('Location: login.php');
    exit;
}

include './library/config.php';
include './library/opendb.php';
$sql = "SELECT * FROM mahasiswa";
$result = mysqli_query($conn, $sql);

include './library/closedb.php';
?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Ghaly Abrar</title>

    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">
    <link rel="stylesheet" href="dist/plugins/fontawesome-free/css/all.min.css">

    <link rel="stylesheet" href="dist/css/adminlte.min.css">
</head>

<body class="hold-transition sidebar-mini">
    <div class="wrapper">

        <nav class="main-header navbar navbar-expand navbar-white navbar-light">
            <ul class="navbar-nav">
                <li class="nav-item">
                    <a class="nav-link" data-widget="pushmenu" href="#"
role="button"><i class="fas fa-bars"></i></a>
                </li>
                <li class="nav-item d-none d-sm-inline-block">
                    <a href="../../index3.html" class="nav-link">Home</a>
```



```

    </li>
    <li class="nav-item d-none d-sm-inline-block">
      <a href="#" class="nav-link">Contact</a>
    </li>
  </ul>

  <ul class="navbar-nav ml-auto">

    <li class="nav-item">
      <a class="nav-link" data-widget="navbar-search" href="#"
role="button">
        <i class="fas fa-search"></i>
      </a>
      <div class="navbar-search-block">
        <form class="form-inline">
          <div class="input-group input-group-sm">
            <input class="form-control form-control-navbar" type="search"
placeholder="Search" aria-label="Search">
            <div class="input-group-append">
              <button class="btn btn-navbar" type="submit">
                <i class="fas fa-search"></i>
              </button>
              <button class="btn btn-navbar" type="button" data-
widget="navbar-search">
                <i class="fas fa-times"></i>
              </button>
            </div>
          </div>
        </form>
      </div>
    </li>

    <li class="nav-item dropdown">
      <a class="nav-link" data-toggle="dropdown" href="#">
        <i class="far fa-comments"></i>
        <span class="badge badge-danger navbar-badge">3</span>
      </a>
      <div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
        <a href="#" class="dropdown-item">

          <div class="media">
            

```

```

        <div class="media-body">
            <h3 class="dropdown-item-title">
                Brad Diesel
                <span class="float-right text-sm text-danger"><i
class="fas fa-star"></i></span>
            </h3>
            <p class="text-sm">Call me whenever you can...</p>
            <p class="text-sm text-muted"><i class="far fa-clock mr-
1"></i> 4 Hours Ago</p>
        </div>
    </div>

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">

    <div class="media">
        
        <div class="media-body">
            <h3 class="dropdown-item-title">
                John Pierce
                <span class="float-right text-sm text-muted"><i
class="fas fa-star"></i></span>
            </h3>
            <p class="text-sm">I got your message bro</p>
            <p class="text-sm text-muted"><i class="far fa-clock mr-
1"></i> 4 Hours Ago</p>
        </div>
    </div>

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">

    <div class="media">
        
        <div class="media-body">
            <h3 class="dropdown-item-title">
                Nora Silvester
                <span class="float-right text-sm text-warning"><i
class="fas fa-star"></i></span>
            </h3>

```

```

        <p class="text-sm">The subject goes here</p>
        <p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
    </div>
</div>

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item dropdown-footer">See All
Messages</a>
</div>
</li>

<li class="nav-item dropdown">
    <a class="nav-link" data-toggle="dropdown" href="#">
        <i class="far fa-bell"></i>
        <span class="badge badge-warning navbar-badge">15</span>
    </a>
    <div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
        <span class="dropdown-item dropdown-header">15
Notifications</span>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item">
            <i class="fas fa-envelope mr-2"></i> 4 new messages
            <span class="float-right text-muted text-sm">3 mins</span>
        </a>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item">
            <i class="fas fa-users mr-2"></i> 8 friend requests
            <span class="float-right text-muted text-sm">12 hours</span>
        </a>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item">
            <i class="fas fa-file mr-2"></i> 3 new reports
            <span class="float-right text-muted text-sm">2 days</span>
        </a>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item dropdown-footer">See All
Notifications</a>
    </div>
</li>
<li class="nav-item">
    <a class="nav-link" data-widget="fullscreen" href="#"
role="button">

```

```

        <i class="fas fa-expand-arrows-alt"></i>
      </a>
    </li>
    <li class="nav-item">
      <a class="nav-link" data-widget="control-sidebar" data-slide="true"
href="#" role="button">
        <i class="fas fa-th-large"></i>
      </a>
    </li>
  </ul>
</nav>

<aside class="main-sidebar sidebar-dark-primary elevation-4">

  <a href="#" class="brand-link">
    
    <span class="brand-text font-weight-light">Admin Access</span>
  </a>

  <div class="sidebar">

    <div class="user-panel mt-3 pb-3 mb-3 d-flex">
      <div class="image">
        
      </div>
      <div class="info">
        <a href="#" class="d-block">GHALY ABRARIAN</a>
      </div>
    </div>

    <div class="form-inline">
      <div class="input-group" data-widget="sidebar-search">
        <input class="form-control form-control-sidebar" type="search"
placeholder="Search" aria-label="Search">
        <div class="input-group-append">
          <button class="btn btn-sidebar">
            <i class="fas fa-search fa-fw"></i>
          </button>
        </div>
      </div>
    </div>
  </div>

```

```

        <nav class="mt-2">
            <ul class="nav nav-pills nav-sidebar flex-column" data-
widget="treeview" role="menu" data-accordion="false">
                <li class="nav-item">
                    <a href="blank.php" class="nav-link">
                        <i class="nav-icon fas fa-tachometer-alt"></i>
                        <p>
                            Home
                            <i class="right fas fa-angle-left"></i>
                        </p>
                    </a>
                </li>
                <li class="nav-item">
                    <a href="profile.php" class="nav-link">
                        <i class="nav-icon fas fa-edit"></i>
                        <p>
                            Profile
                            <i class="fas fa-angle-left right"></i>
                        </p>
                    </a>
                <li class="nav-item">
                    <a href="data.php" class="nav-link">
                        <i class="nav-icon fas fa-table"></i>
                        <p>
                            Data Mahasiswa
                            <i class="fas fa-angle-left right"></i>
                        </p>
                    </a>
                </li>
            </ul>
        </nav>

    </div>

</aside>

<div class="content-wrapper">

    <section class="content-header">
        <div class="container-fluid">
            <div class="row mb-2">
                <div class="col-sm-6">
                    <h1>Home</h1>

```

```

        </div>
        <div class="col-sm-6">
            <ol class="breadcrumb float-sm-right">
                <li class="breadcrumb-item"><a href="#">Home</a></li>
            </ol>
        </div>
    </div>
</div>
</section>

<section class="content">

    <section class="ftco-section">
        <div class="container">
            <div class="row justify-content-center">
                <div class="col-md-10">
                    <h2 class="mb-4 text-center">DATA MAHASISWA</h2>
                    <div class="table-responsive">
                        <table class="table table-bordered">
                            <thead>
                                <tr>
                                    <th>Nama</th>
                                    <th>NRP</th>
                                    <th>Alamat</th>
                                    <th>TTL</th>
                                    <th>Email</th>
                                    <th>No HP</th>
                                    <th>Username</th>
                                </tr>
                            </thead>
                            <tbody>
                                <?php while ($row = mysqli_fetch_assoc($result)) : ?>
                                    <tr>
                                        <td><?php echo $row['nama']; ?></td>
                                        <td><?php echo $row['nrp']; ?></td>
                                        <td><?php echo $row['alamat']; ?></td>
                                        <td><?php echo $row['ttl']; ?></td>
                                        <td><?php echo $row['email']; ?></td>
                                        <td><?php echo $row['nohp']; ?></td>
                                        <td><?php echo $row['username']; ?></td>
                                    </tr>
                                <?php endwhile; ?>
                            </tbody>
                        </table>

```

```

        </div>
    </div>
</div>
</div>
</section>

<div class="card-footer">

</div>

</div>

</section>

</div>

<footer class="main-footer">
    <div class="float-right d-none d-sm-block">
        <b>PENS</b> 2024
    </div>
    <strong>PENS</strong>
</footer>

<aside class="control-sidebar control-sidebar-dark">

</aside>

</div>

<script src="dist/plugins/jquery/jquery.min.js"></script>

<script src="dist/plugins/bootstrap/js/bootstrap.bundle.min.js"></script>

<script src="dist/dist/js/adminlte.min.js"></script>

<script src="dist/dist/js/demo.js"></script>
</body>

</html>

```

### Output:

The screenshot displays a web application interface. On the left is a dark sidebar with 'Admin Access' and a user profile for 'GHALY ABRARIAN'. Below the profile is a search bar and a list of menu items: 'Home', 'Profile', and 'Data Mahasiswa'. The top navigation bar includes 'Home' and 'Contact' links. The main content area is titled 'DATA MAHASISWA' and contains a table with student information. The footer shows 'PENS' on the left and 'PENS 2024' on the right.

Nama	NRP	Alamat	TTL	Email	No HP	Username
Ghaly Abrarian Putra	30293	Raya ITS	Surabaya, 30-01-05	ghalyallcoc@gmail.com	0811374089	ghalyabrar@it.student.pens.ac.id
Vonda Toyon	30291	Jl. Demak	Jakarta, 29-01-02	vondaamart@gmail.com	0811374081	vonda

### Analisa:

Pada halaman ini user dapat melihat daftar mahasiswa dimana isinya adalah user lain yang telah melakukan registrasi .

### KESIMPULAN

Pada proqram kali ini menggunakan session dan cookies untuk membuat login dan register. Dimana user harus melakukan regisstrasi terlebih dahulu sebagai syarat untuk logindan menyetujui untuk menerima cookies agar dapat login dan dapat mengakses home page.

∴ TERIMAKASIH ∴



