1. Buatlah nama basisdata
2. Kemudian ketikkan perintah ini di sql

```sql
CREATE TABLE `users` (
  id int(11) NOT NULL AUTO_INCREMENT,
  username varchar(255) NOT NULL,
  email varchar(255) NOT NULL,
  password varchar(64) NOT NULL,
  PRIMARY KEY(id)
);
INSERT INTO `users` (`username`, `email`, `password`) VALUES ('admin', 'admin@email.com', SHA2('password', 256));
```

3.

Buatlah file config dengan si sebagai berikut

```php
config.php
<?php
$server = "localhost";
$user = "username_database";
$pass = "password_database";
$database = "nama_database";
$conn = mysqli_connect($server, $user, $pass, $database);
if (!$conn) {
    die("Koneksi ke database gagal: " . mysqli_connect_error());
}
?>
```

Buatlah file index.php

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

if (isset($_SESSION['username'])) {
    header("Location: sukses_login.php");
    exit();
}

if (isset($_POST['submit'])) {
    $email = mysqli_real_escape_string($conn, $_POST['email']);
    $password = hash('sha256', $_POST['password']); // Hash the input password using SHA-256

    $sql = "SELECT * FROM users WHERE email='$email' AND password='$password'";
    $result = mysqli_query($conn, $sql);

    if ($result->num_rows > 0) {
        $row = mysqli_fetch_assoc($result);
        $_SESSION['username'] = $row['username'];
        header("Location: sukses_login.php");
        exit();
    } else {
        echo "<script>alert('Email atau password Anda salah. Silakan coba lagi!')</script>";
    }
}
?>

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" type="text/css" href="style.css">
    <title>Niagahoster Tutorial</title>
</head>
<body>
    <div class="container">
        <form action="" method="POST" class="login-email">
            <p class="login-text" style="font-size: 2rem; font-weight: 800;">Login</p>
            <div class="input-group">
                <input type="email" placeholder="Email" name="email" required>
            </div>
            <div class="input-group">
                <input type="password" placeholder="Password" name="password" required>
            </div>
            <div class="input-group">
                <button name="submit" class="btn">Login</button>
            </div>
            <p class="login-register-text">Anda belum punya akun? <a href="register.php">Register</a></p>
        </form>
    </div>
</body>
</html>
```

Buatlah file sukses_login.php

```php
<?php
session_start();

if (!isset($_SESSION['username'])) {
    header("Location: index.php");
    exit(); // Terminate script execution after the redirect
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" type="text/css" href="style.css">
    <title>Berhasil Login</title>
</head>
<body>
    <div class="container-logout">
        <form action="logout.php" method="POST" class="login-email">
            <h1>Selamat Datang, <?php echo $_SESSION['username']; ?>!</h1>
            <div class="input-group">
                <button type="submit" class="btn">Logout</button>
            </div>
        </form>
    </div>
</body>
</html>
```

Buatlah file register

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

if (isset($_SESSION['username'])) {
    header("Location: index.php");
    exit();
}

if (isset($_POST['submit'])) {
    $username = $_POST['username'];
    $email = $_POST['email'];
    $password = hash('sha256', $_POST['password']); // Hash the input password using SHA-256
    $cpassword = hash('sha256', $_POST['cpassword']); // Hash the input confirm password using SHA-256

    if ($password == $cpassword) {
        $sql = "SELECT * FROM users WHERE email='$email'";
        $result = mysqli_query($conn, $sql);
        if (!$result->num_rows > 0) {
            $sql = "INSERT INTO users (username, email, password)
                    VALUES ('$username', '$email', '$password')";
            $result = mysqli_query($conn, $sql);
            if ($result) {
                echo "<script>alert('Selamat, registrasi berhasil!')</script>";
                $username = "";
                $email = "";
                $_POST['password'] = "";
                $_POST['cpassword'] = "";
            } else {
                echo "<script>alert('Woops! Terjadi kesalahan.')</script>";
            }
        } else {
            echo "<script>alert('Woops! Email Sudah Terdaftar.')</script>";
        }
    } else {
        echo "<script>alert('Password Tidak Sesuai')</script>";
    }
}
?>
```

```html
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" type="text/css" href="style.css">
    <title>Mahasiswa Register</title>
</head>
<body>
    <div class="container">
        <form action="" method="POST" class="login-email">
            <p class="login-text" style="font-size: 2rem; font-weight: 800;">Register</p>
            <div class="input-group">
                <input type="text" placeholder="Username" name="username" value="<?php echo $username; ?>" required>
            </div>
            <div class="input-group">
                <input type="email" placeholder="Email" name="email" value="<?php echo $email; ?>" required>
            </div>
            <div class="input-group">
                <input type="password" placeholder="Password" name="password" value="<?php echo $_POST['password']; ?>" required>
            </div>
            <div class="input-group">
                <input type="password" placeholder="Confirm Password" name="cpassword" value="<?php echo $_POST['cpassword']; ?>" required>
            </div>
            <div class="input-group">
                <button name="submit" class="btn">Register</button>
            </div>
            <p class="login-register-text">Anda sudah punya akun? <a href="index.php">Login</a></p>
        </form>
    </div>
</body>
</html>
```

Buatlah file logout

```php
<?php
session_start();
session_unset();
session_destroy();

header("Location: index.php");
exit();
?>
```

Dan buatlah style.css

https://gist.github.com/syaimif/05c6a320b7df18207556206d0049d30c