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## Proses pembuatan Database Checklist Kebersihan Toilet

Membuat data base db\_checklist

- Users

```
CREATE TABLE IF NOT EXISTS `db_checklist`.`users` (  
  `id` INT NOT NULL AUTO_INCREMENT,  
  `username` VARCHAR(100) NULL,  
  `password` VARCHAR(100) NULL,  
  `nama` VARCHAR(200) NULL,  
  `email` VARCHAR(200) NULL,  
  `status` TINYINT(1) NULL,  
  `role` TINYINT(1) NULL DEFAULT 2 COMMENT '1:Admin\n2:User',  
  PRIMARY KEY (`id`),  
  UNIQUE INDEX `username_UNIQUE` (`username` ASC),  
  UNIQUE INDEX `email_UNIQUE` (`email` ASC))  
ENGINE = InnoDB
```

- Checklist

```
CREATE TABLE IF NOT EXISTS `db_checklist`.`toilet` (  
  `id` INT NOT NULL AUTO_INCREMENT,  
  `lokasi` VARCHAR(45) NULL,  
  `keterangan` VARCHAR(45) NULL,  
  PRIMARY KEY (`id`))  
ENGINE = InnoDB
```

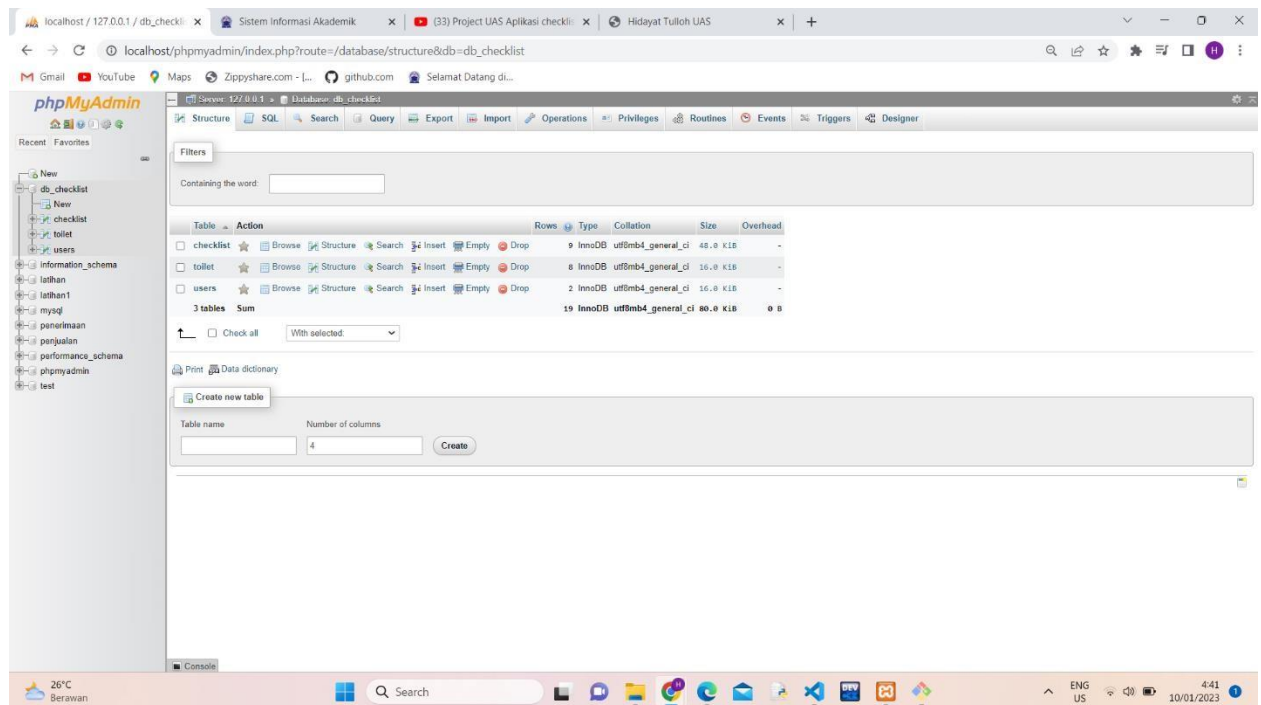
- Toilet

```
CREATE TABLE IF NOT EXISTS `db_checklist`.`checklist` (  
  `id` INT NOT NULL AUTO_INCREMENT,  
  `tanggal` DATETIME NULL,  
  `toilet_id` INT NOT NULL,  
  `kloset` TINYINT(1) NULL,  
  `wastafel` TINYINT(1) NULL,  
  `lantai` TINYINT(1) NULL,
```

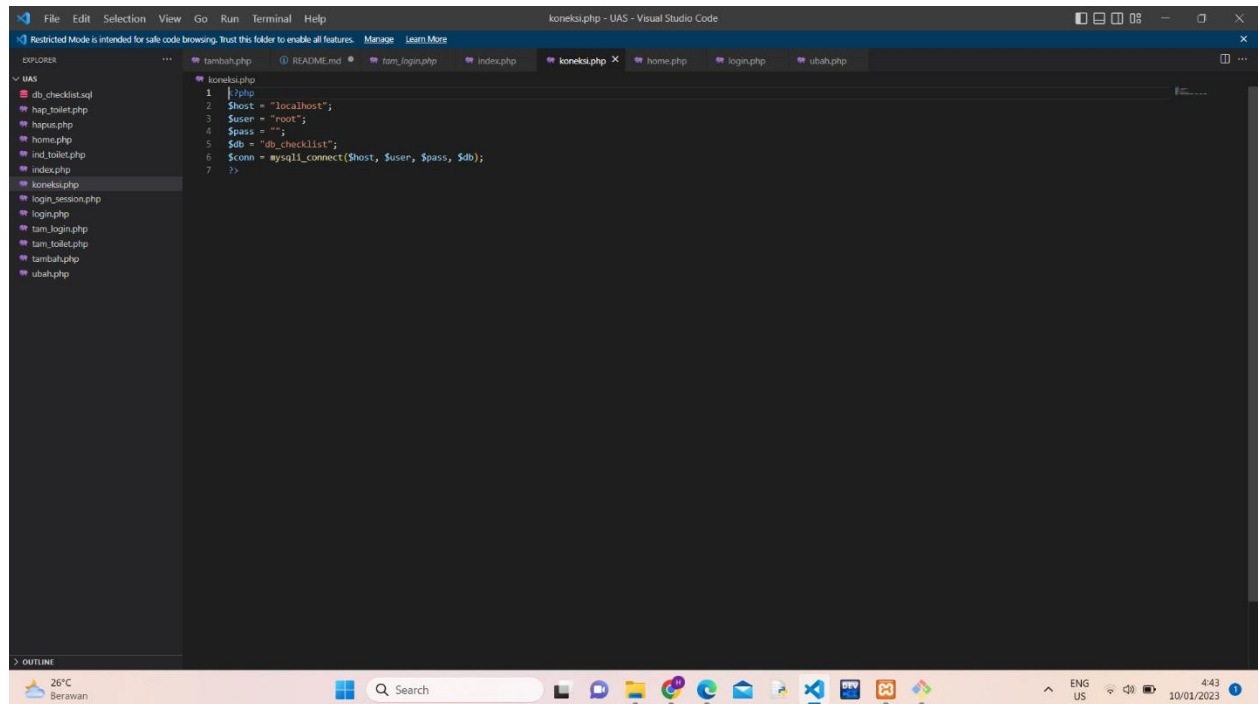
```

`dinding` TINYINT(1) NULL,
`kaca` TINYINT(1) NULL,
`bau` TINYINT(1) NULL,
`sabun` TINYINT(1) NULL,
`users_id` INT NOT NULL,
PRIMARY KEY (`id`),
INDEX `fk_checklist_toilet_idx` (`toilet_id` ASC),
INDEX `fk_checklist_users1_idx` (`users_id` ASC),
CONSTRAINT `fk_checklist_toilet`
FOREIGN KEY (`toilet_id`)
REFERENCES `db_checklist`.`toilet` (`id`)
ON DELETE NO ACTION
ON UPDATE NO ACTION,
CONSTRAINT `fk_checklist_users1`
FOREIGN KEY (`users_id`)
REFERENCES `db_checklist`.`users` (`id`)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
ENGINE = InnoDB

```



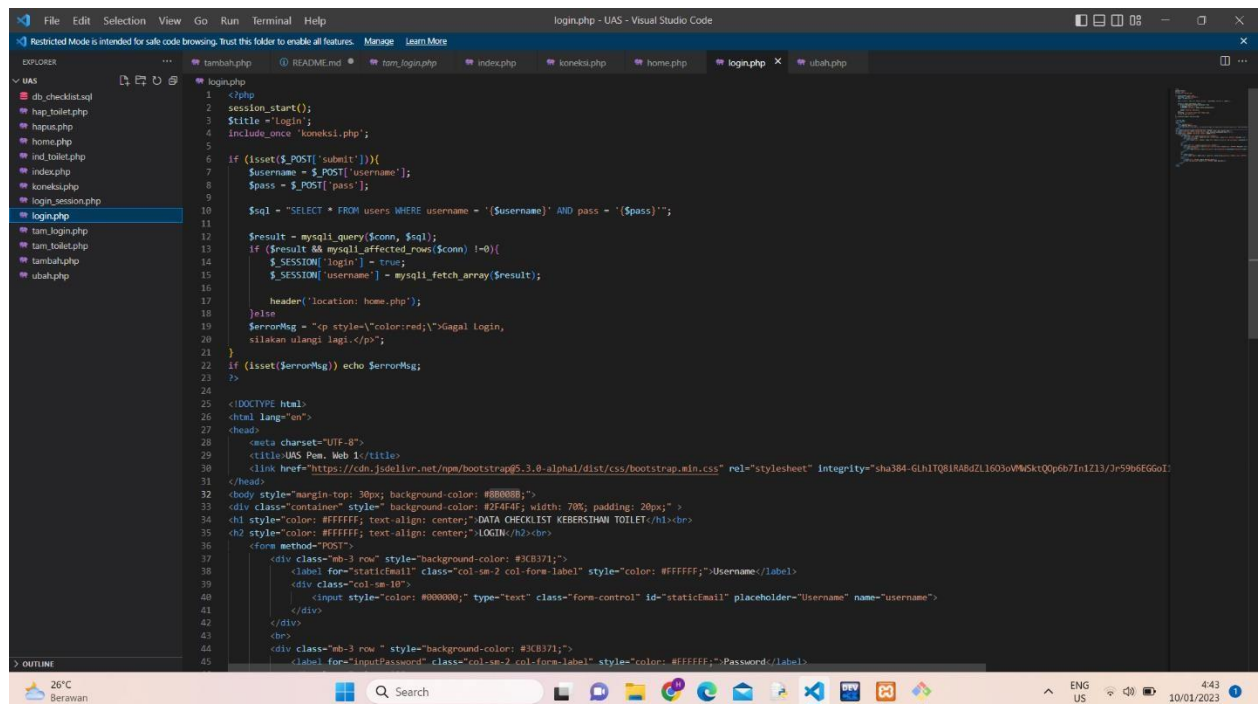
## Membuat file Koneksi.php



The screenshot shows the Visual Studio Code editor with the file explorer on the left displaying a project named 'UAS'. The file 'koneksi.php' is selected and open in the editor. The code in 'koneksi.php' is as follows:

```
1 <?php
2 $host = "localhost";
3 $user = "root";
4 $pass = "";
5 $db = "db_checklist";
6 $conn = mysqli_connect($host, $user, $pass, $db);
7 >>
```

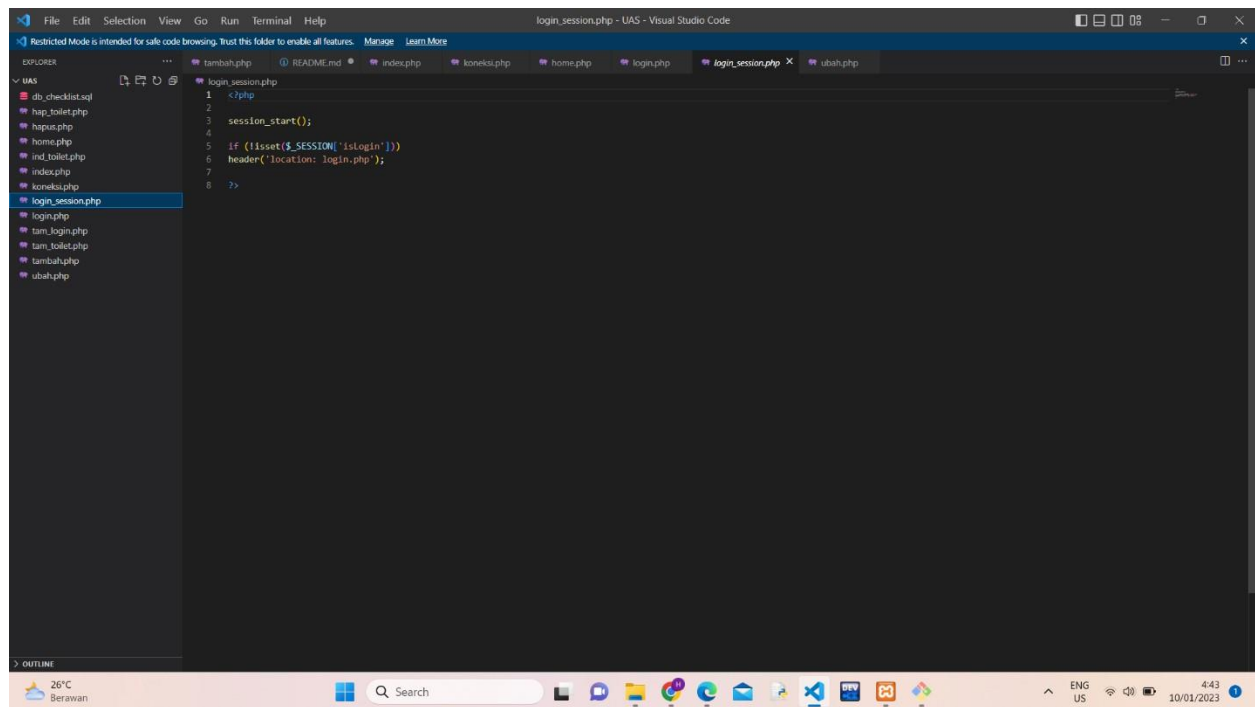
## Membuat file Login.php



The screenshot shows the Visual Studio Code editor with the file explorer on the left displaying the 'UAS' project. The file 'login.php' is selected and open in the editor. The code in 'login.php' is as follows:

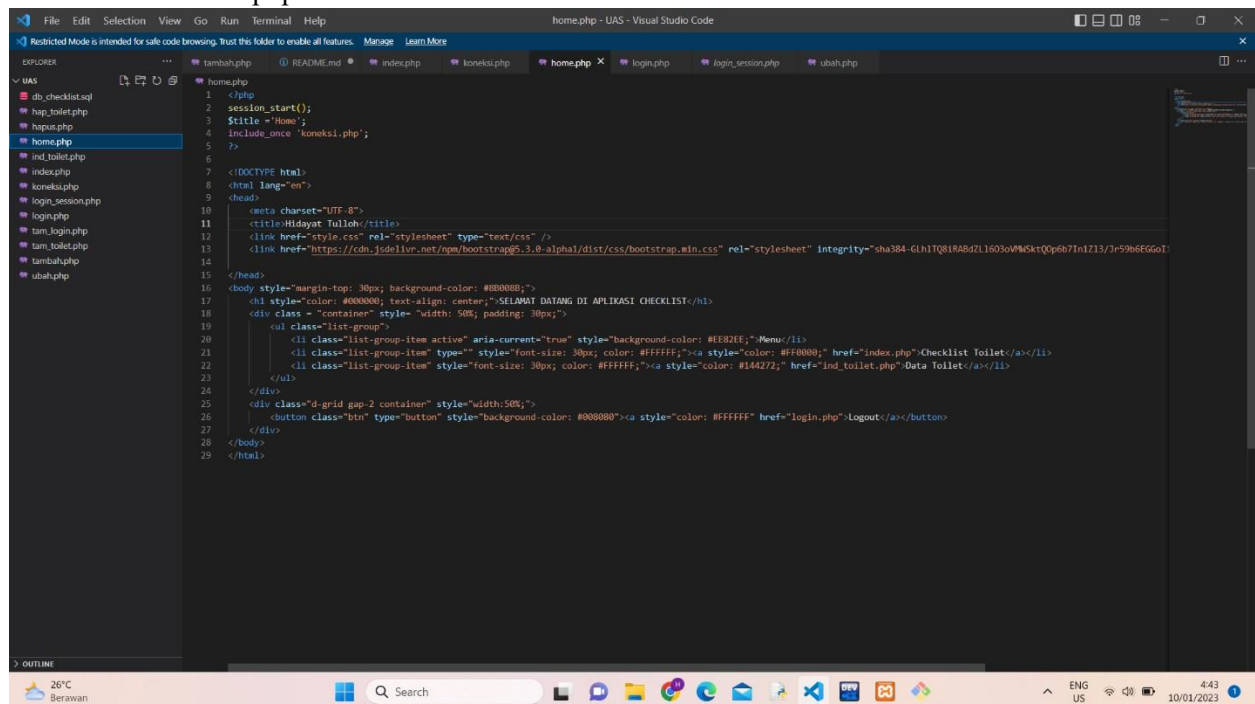
```
1 <?php
2 session_start();
3 $title = 'login';
4 include_once 'koneksi.php';
5
6 if (isset($_POST['submit'])){
7     $username = $_POST['username'];
8     $pass = $_POST['pass'];
9
10    $sql = "SELECT * FROM users WHERE username = '$username' AND pass = '$pass'";
11
12    $result = mysqli_query($conn, $sql);
13    if (mysqli_num_rows($result) > 0){
14        $_SESSION['login'] = true;
15        $_SESSION['username'] = mysqli_fetch_array($result);
16        header('location: home.php');
17    }else{
18        $errorMsg = "<p style='color:red;'>Gagal login,
19        silakan ulangi lagi.</p>";
20    }
21    if (isset($errorMsg)) echo $errorMsg;
22 }
23
24 <DOCTYPE html>
25 <html lang="en">
26 <head>
27     <meta charset="UTF-8">
28     <title>UAS Pen. Web 1</title>
29     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GLht1Q81RABdZL1603oWMskt0p6b7Tn1Z13/3r5966EGG0I"
30     </head>
31 <body style="margin-top: 30px; background-color: #f8d7da;">
32 <div class="container" style="background-color: #f8d7da; width: 70%; padding: 20px;">
33 <div style="color: #000000; text-align: center; padding: 10px;">
34 <h1 style="color: #000000; text-align: center; margin: 0;">DATA CHECKLIST KEBERSIHAN TOILET</h1>
35 <h2 style="color: #000000; text-align: center; margin: 0;">LOGIN</h2>
36 <form method="POST">
37 <div class="mb-3 row" style="background-color: #f8d7da;">
38 <div class="col-sm-2 col-form-label" style="color: #000000; padding: 5px;">Username</div>
39 <div class="col-sm-10">
40 <input style="color: #000000;" type="text" class="form-control" id="staticEmail" placeholder="Username" name="username">
41 </div>
42 </div>
43 <div class="mb-3 row" style="background-color: #f8d7da;">
44 <div class="col-sm-2 col-form-label" style="color: #000000; padding: 5px;">Password</div>
45 <div class="col-sm-10">
46 <input style="color: #000000;" type="password" class="form-control" id="staticPassword" placeholder="Password" name="password">
47 </div>
48 <div class="text-center" style="margin-top: 10px;">
49 <button type="submit" value="Login" class="btn btn-primary">Login</button>
50 </div>
51 </form>
52 </div>
53 </body>
54 </html>
```

## Membuat file login\_session.php



```
1 <?php
2
3 session_start();
4
5 if (!isset($_SESSION['islogin']))
6 header('location: login.php');
7
8 ?>
```

## Membuat file Home.php



```
1 <?php
2 session_start();
3 $title = "Home";
4 include_once 'koneksi.php';
5
6
7 <!DOCTYPE html>
8 <html lang="en">
9 <head>
10     <meta charset="UTF-8">
11     <title>Hidayat Tullloh</title>
12     <link href="style.css" rel="stylesheet" type="text/css" />
13     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GhITQ81RABdZ1163oWMMsktQ0p6b7In1713/3r59b6EGGoI" />
14
15 </head>
16 <body style="margin-top: 30px; background-color: #000000;">
17     <h1 style="color: #000000; text-align: center;">SELAMAT DATANG DI APLIKASI CHECKLIST</h1>
18     <div class="container" style="width: 50%; padding: 30px;">
19         <ul class="list-group">
20             <li class="list-group-item active" aria-current="true" style="background-color: #E8E2EE;">Menu</li>
21             <li class="list-group-item" type="" style="font-size: 30px; color: #FFFFFF;"><a style="color: #FF0000;" href="index.php">Checklist Toilet</a></li>
22             <li class="list-group-item" style="font-size: 30px; color: #FFFFFF;"><a style="color: #14A272;" href="ind_toilet.php">Data Toilet</a></li>
23         </ul>
24     </div>
25     <div class="d-grid gap-2 container" style="width: 50%;">
26         <button class="btn" type="button" style="background-color: #000000;"><a style="color: #FFFFFF" href="login.php">Logout</a></button>
27     </div>
28 </body>
29 </html>
```

## Membuat file index.php

```
1 <?php
2 include("koneksi.php");
3
4 $q = "";
5 if (isset($_GET['submit']) && !empty($_GET['q'])) {
6     $q = $_GET['q'];
7     $sql_where = "WHERE tanggal LIKE '%".$q."%' or toilet_id LIKE '%".$q."%' or kioset LIKE '%".$q."%' or wastafel LIKE '%".$q."%' or lantal LIKE '%".$q."%' or dindind LIKE '%".$q."%'";
8 }
9
10
11 $title = 'Checklist Toilet';
12 $sql = 'SELECT * FROM checklist ';
13 if (isset($sql_where))
14     $sql .= $sql_where;
15 $result = mysqli_query($conn, $sql);
16
17
18 <!DOCTYPE html>
19 <html lang="en">
20 <head>
21     <meta charset="UTF-8">
22     <title>Hidayat Tulluh UAS</title>
23     <link href="style.css" rel="stylesheet" type="text/css" />
24     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Gh1IQ81R8dZ1603oWMSkQ0p6b7In1Z13/r5966EG6o1" />
25 </head>
26 <body style="margin-top: 30px; background-color: #7eeef3;">
27     <div class="container" style="background-color: #4b9b7f; width: 250%; padding: 10px;">
28         <div class="head">
29             <h1 style="color: #7eeef3;">Checklist Toilet</h1>
30         </div>
31         <div class="form-group" action="index.php" method="get">
32             <label for="q" style="color: #ffffff;">Caril Data Toilet</label>
33             <input type="text" placeholder="Masukkan Pencarian" id="q" name="q" class="input-q" value="">
34             <button type="submit" name="submit" class="btn btn-primary">Caril</button>
35         </div>
36         <div class="main">
37             <table class="table table-striped table-hover">
38                 <thead>
39                     <tr>
40                         <th style="color: #7eeef3;">Tanggal</th>
41                         <th style="color: #7eeef3;">Kode Toilet</th>
42                         <th style="color: #7eeef3;">Kioset</th>
43                     </tr>
44                 </thead>
45                 <tbody>
```

## Membuat file index\_toilet.php

```
1 <?php
2 include("koneksi.php");
3
4 $q = "";
5 if (isset($_GET['submit']) && !empty($_GET['q'])) {
6     $q = $_GET['q'];
7     $sql_where = "WHERE keterangan LIKE '%".$q."%' or lokasi LIKE '%".$q."%'";
8 }
9
10 $title = 'Toilet';
11 $sql = 'SELECT * FROM toilet ';
12 if (isset($sql_where))
13     $sql .= $sql_where;
14 $result = mysqli_query($conn, $sql);
15
16 <!DOCTYPE html>
17 <html lang="en">
18 <head>
19     <meta charset="UTF-8">
20     <title>Hidayat Tulluh UAS</title>
21     <link href="style.css" rel="stylesheet" type="text/css" />
22     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Gh1IQ81R8dZ1603oWMSkQ0p6b7In1Z13/r5966EG6o1" />
23 </head>
24 <body style="margin-top: 30px; background-color: #0A2667;">
25     <div class="container" class="container" style="background-color: #144272; width: 50%; padding: 30px;">
26         <div class="head">
27             <h1 style="color: #ffffff;">Data Toilet</h1>
28         </div>
29         <div class="form-group" action="" method="get">
30             <label for="q" style="color: #ffffff;">Caril Data Toilet</label>
31             <input type="text" placeholder="Masukkan Pencarian" id="q" name="q" class="input-q" value="">
32             <button type="submit" name="submit" class="btn btn-primary">Caril</button>
33         </div>
34         <div class="main">
35             <table class="table table-striped table-hover">
36                 <thead>
37                     <tr>
38                         <th style="color: #ffffff;">Kode Toilet</th>
39                         <th style="color: #ffffff;">Lokasi Toilet</th>
40                         <th style="color: #ffffff;">Keterangan</th>
41                         <th style="color: #ffffff;">Aksi</th>
42                     </tr>
43                 </thead>
44                 <tbody>
```

## Membuat file tambah\_login.php

```
File Edit Selection View Go Run Terminal Help tam_login.php - UAS - Visual Studio Code
Restricted Mode is intended for safe code browsing. Trust this folder to enable all features. Manage Learn More

EXPLORER
UAS
  db_checklist.sql
  hap_toilet.php
  hapus.php
  home.php
  ind_toilet.php
  index.php
  koneksi.php
  login_session.php
  login.php
  tam_login.php
  tam_toilet.php
  tambah.php
  ubah.php

tam_login.php
1 <?php
2 error_reporting(E_ALL);
3 include_once 'koneksi.php';
4
5 if (isset($_POST['submit']))
6 {
7     $username = $_POST['username'];
8     $pass = $_POST['pass'];
9     $nama = $_POST['nama'];
10    $email = $_POST['email'];
11    $stat = $_POST['stat'];
12    $rol = $_POST['rol'];
13
14    $sql = "INSERT INTO users ( username, pass, nama, email, stat, rol)";
15    $sql .= "VALUES ('$username', '$pass', '$nama', '$email', '$stat', '$rol')";
16    $result = mysqli_query($conn, $sql);
17    header('location: login.php');
18
19 }
20
21
22
23 <!DOCTYPE html>
24 <html lang="en">
25 <head>
26 <meta charset="UTF-8">
27 <title>Tambah Akun</title>
28 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Gh11Q11R8dZ1603oWMSkt0p667In1Z13/2r5964EGoI"
29 </head>
30 <body style="margin-top: 30px; background-color: #0A2647;">
31 <div class="container" style="background-color: #144272; width: 30%; ">
32 <div style="color: #FFFFFF; text-align: center;">Tambah Akun</div>
33 <div class="main">
34 <form method="post" action="tam_login.php" enctype="multipart/form-data">
35 <div class="input-group">
36 <span class="input-group-text" id="inputGroup-sizing-sm">Username</span>
37 <input type="text" name="username" class="form-control" aria-label="Sizing example input" aria-describedby="inputGroup-sizing-sm">
38 </div>
39 <div class="input-group">
40 <span class="input-group-text" id="inputGroup-sizing-sm">Password</span>
41 <input type="password" name="pass" class="form-control" aria-label="Sizing example input" aria-describedby="inputGroup-sizing-sm">
42 </div>
43 <div class="input-group">
44 <span class="input-group-text" id="inputGroup-sizing-sm">Nama</span>
45 <input type="text" name="nama" class="form-control" aria-label="Sizing example input" aria-describedby="inputGroup-sizing-sm">
46
47 </div>
48 </div>
49
50 </body>
51 </html>
```

## Membuat file tambah.toilet.php

```
File Edit Selection View Go Run Terminal Help tam_toilet.php - UAS - Visual Studio Code
Restricted Mode is intended for safe code browsing. Trust this folder to enable all features. Manage Learn More

EXPLORER
UAS
  db_checklist.sql
  hap_toilet.php
  hapus.php
  home.php
  ind_toilet.php
  index.php
  koneksi.php
  login_session.php
  login.php
  tam_login.php
  tam_toilet.php
  tambah.php
  ubah.php

tam_toilet.php
1 <?php
2 error_reporting(E_ALL);
3 include_once 'koneksi.php';
4
5 if (isset($_POST['submit']))
6 {
7     $toilet_id = $_POST['toilet_id'];
8     $lokasi = $_POST['lokasi'];
9     $keterangan = $_POST['keterangan'];
10
11    $sql = "INSERT INTO toilet (id, lokasi, keterangan)";
12    $sql .= "VALUES ('$toilet_id', '$lokasi', '$keterangan')";
13    $result = mysqli_query($conn, $sql);
14    header('location: ind_toilet.php');
15
16 }
17
18
19
20 <!DOCTYPE html>
21 <html lang="en">
22 <head>
23 <meta charset="UTF-8">
24 <title>UAS Pem. Keb 1</title>
25 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Gh11Q11R8dZ1603oWMSkt0p667In1Z13/2r5964EGoI"
26 </head>
27
28 <body style="margin-top: 30px; background-color: #0A2647;">
29 <div class="container" style="background-color: #144272; width: 50%; padding: 30px;">
30 <div style="color: #FFFFFF; text-align: center;">Tambah Data Toilet</div>
31 <div class="main">
32 <form method="post" action="tam_toilet.php" enctype="multipart/form-data">
33 <div class="input-group">
34 <span class="input-group-text" id="inputGroup-sizing-sm">Kode Toilet</span>
35 <input type="text" name="toilet_id" class="form-control" aria-label="Sizing example input" aria-describedby="inputGroup-sizing-sm">
36 </div>
37 <div class="input">
38 <label style="color: #FFFFFF;">Lokasi</label>
39 <select class="form-select" aria-label="Default select example" name="lokasi">
40 <option value="">--</option>
41 <option value="Office">Office</option>
42 <option value="Factory 1">Factory 1</option>
43 <option value="Factory 2">Factory 2</option>
44 <option value="Security">Security</option>
45 </select>
46
47 </div>
48 </div>
49
50 </body>
51 </html>
```

## Membuat file Hapus\_toilet.php

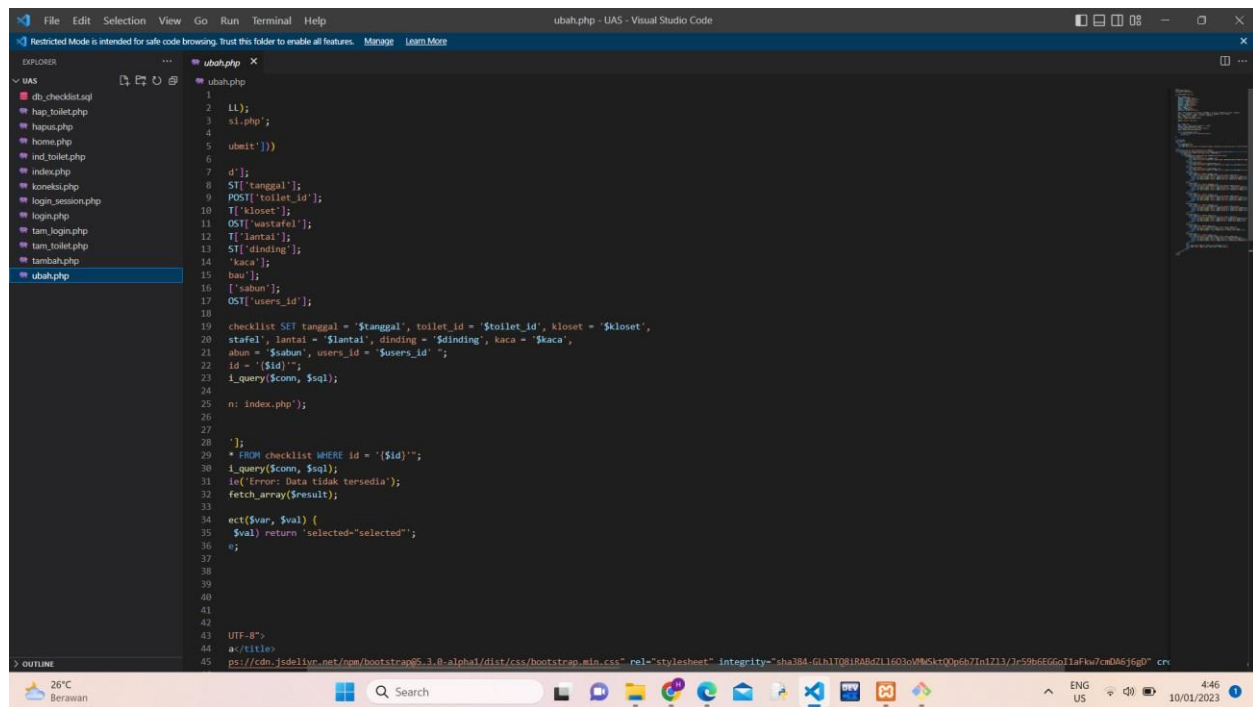


```
1 <?php
2 include_once 'koneksi.php';
3 $id = $_GET['id'];
4 $sql = "DELETE FROM toilet WHERE id = '{$id}'";
5 $result = mysqli_query($conn, $sql);
6 header('location: ind_toilet.php');
7 ?>
```

## Membuat file tambah.php

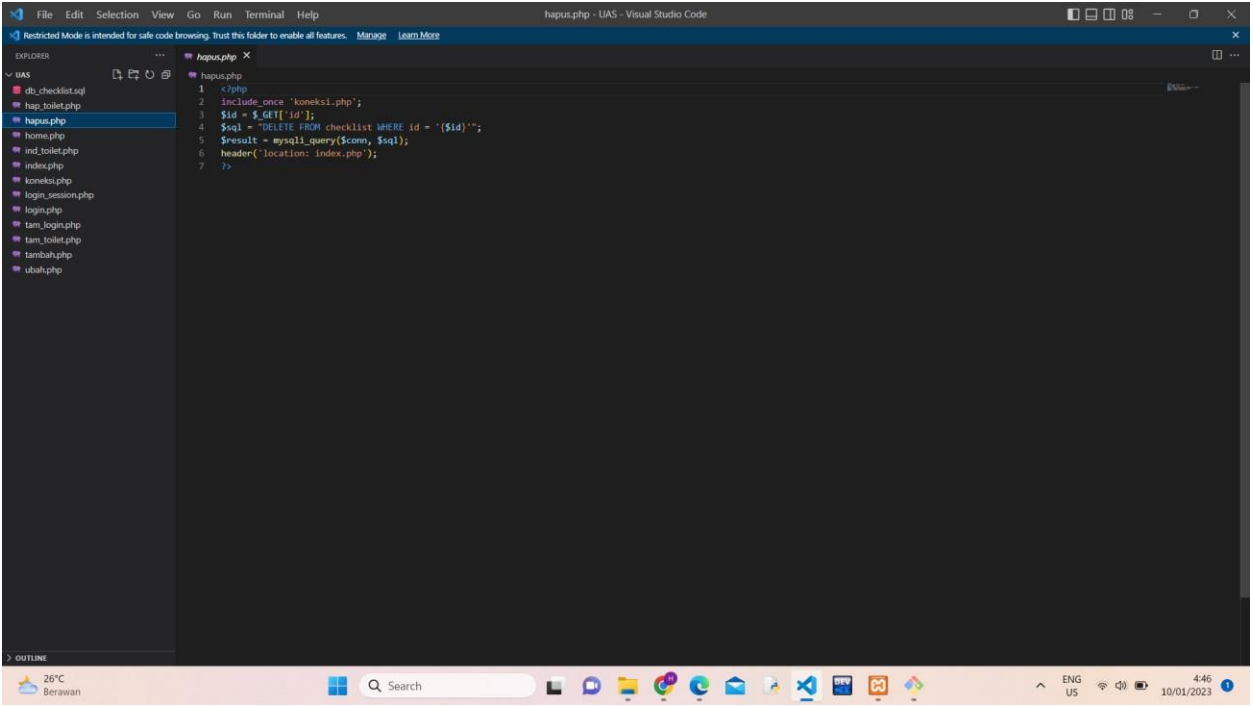
```
1 <?php
2 error_reporting(E_ALL);
3 include_once 'koneksi.php';
4
5 if (isset($_POST['submit']))
6 {
7     $tanggal = $_POST['tanggal'];
8     $toilet_id = $_POST['toilet_id'];
9     $kloset = $_POST['kloset'];
10    $wastafel = $_POST['wastafel'];
11    $lantai = $_POST['lantai'];
12    $dinding = $_POST['dinding'];
13    $kaca = $_POST['kaca'];
14    $bau = $_POST['bau'];
15    $sabun = $_POST['sabun'];
16    $users_id = $_POST['users_id'];
17
18    $sql = "INSERT INTO checklist (tanggal, toilet_id, kloset, wastafel, lantai, dinding, kaca, bau, sabun, users_id)";
19    $sql = "VALUES ('{$tanggal}', '{$toilet_id}', '{$kloset}', '{$wastafel}', '{$lantai}', '{$dinding}', '{$kaca}', '{$bau}', '{$sabun}', '{$users_id}')";
20    $result = mysqli_query($conn, $sql);
21    header('location: index.php');
22 }
23 ?>
24
25
26
27 <!DOCTYPE html>
28 <html lang="en">
29 <head>
30     <meta charset="UTF-8">
31     <title>Tambah Data</title>
32     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GLhtQ8IB4Z1603hW6GsktQp667In1Z13/3r5964EGoI"
33
34 </head>
35 <body style="margin-top: 30px; background-color: #B0A264;">
36 <div class="container" style="background-color: #144272; width: 50%; padding: 30px;">
37 <div style="color: #FFFFFF; text-align: center;">Tambah Data</div>
38 <div class="main">
39 <form method="post" action="tambah.php" enctype="multipart/form-data">
40 <div class="input-group">
41 <span class="input-group-text">Tanggal</span>
42 <input class="form-control" type="date" name="tanggal" data-date-format="DD/MM/YYYY" placeholder="dd/mm/yyyy">
43 </div><br>
44 <div class="input-group">
45 <span class="input-group-text">Kode Toilet</span>
```

## Membuat file ubah.php



```
1
2 LL);
3 si.php';
4
5 ubah)))
6
7 d';
8 $t['tanggal'];
9 POST['toilet_id'];
10 T['kloset'];
11 OS['wastafel'];
12 T['lantai'];
13 S['dinding'];
14 'kaca';
15 bau';
16 ['sahun'];
17 OS['users_id'];
18
19 checklist SET tanggal = '$tanggal', toilet_id = '$toilet_id', kloset = '$kloset',
20 stafel', lantai = '$lantai', dinding = '$dinding', kaca = '$kaca',
21 abun = '$sahun', users_id = '$users_id' ";
22 id = '{$id}';
23 _query($conn, $sql);
24
25 ni index.php");
26
27
28 ];
29 * FROM checklist WHERE id = '{$id}';
30 _query($conn, $sql);
31 in("Error: Data tidak tersedia");
32 fetch_array($result);
33
34 ect($var, $val) {
35 $val) return "selected="selected";
36 #;
37
38
39
40
41
42
43 UTF-8">
44 ae/itiles
45 ps://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GLh1T081RAB4ZL1603oWMMKt00q6b7Tn1213/1-59hE6G6011aFkw7cd0M5j6g0" cn
```

Membuat file hapus.php



```
1 <?php
2 include_once 'koneksi.php';
3 $id = $_GET['id'];
4 $sql = "DELETE FROM checklist WHERE id = '{$id}'";
5 $result = mysql_query($conn, $sql);
6 header("location: index.php");
7 ?>
```

TERIMA KASIH