

NAMA : Fadhlurohman Fatikh N / Muhammad Farhan F
NIM : 312210368 / 312210380
KELAS : TI.22.A4
MATKUL : Pemrograman Web

Proses Pembuatan Database Checklist Kebersihan Toilet

1) Membuat Database 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

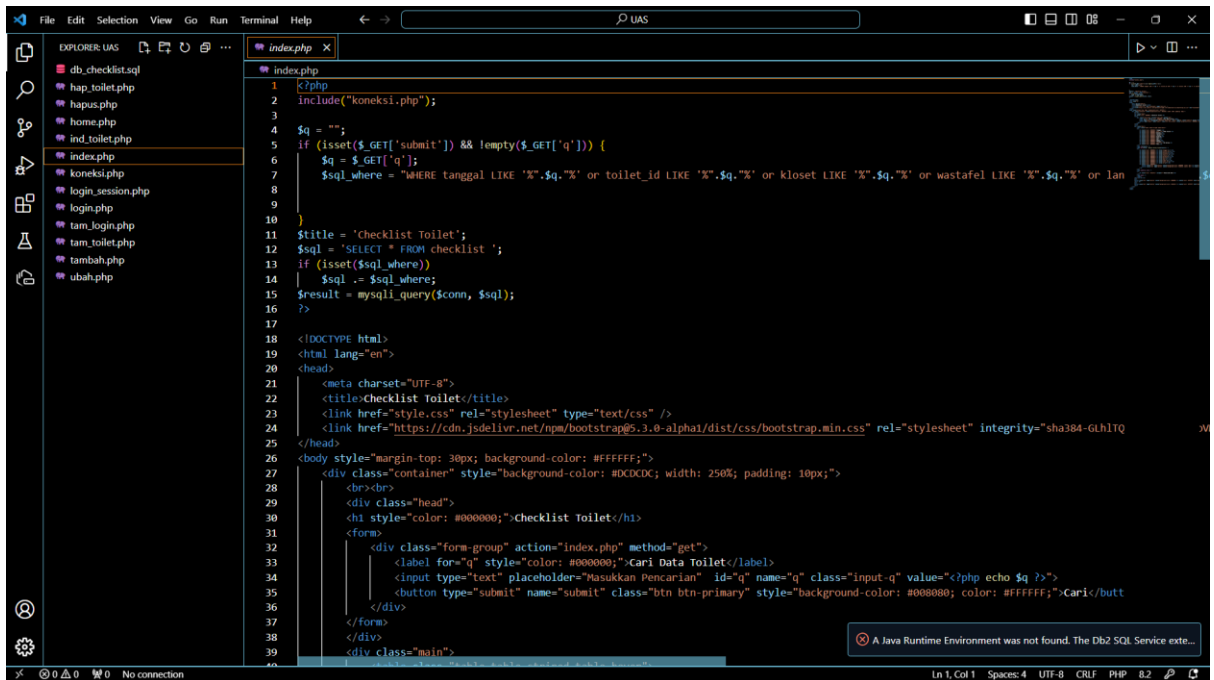
```
CREATE TABLE IF NOT EXISTS `db_checklist`.`checklist` (  
  `id` INT NOT NULL AUTO_INCREMENT,  
  `tanggal` DATETIME NULL,  
  `toilet_id` INT NOT NULL,  
  `kloset` TINYINT(1) NULL,  
  `wastafel` TINYINT(1) NULL,  
  `lantai` TINYINT(1) NULL,  
  `dinding` TINYINT(1) NULL,  
  `kaca` TINYINT(1)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

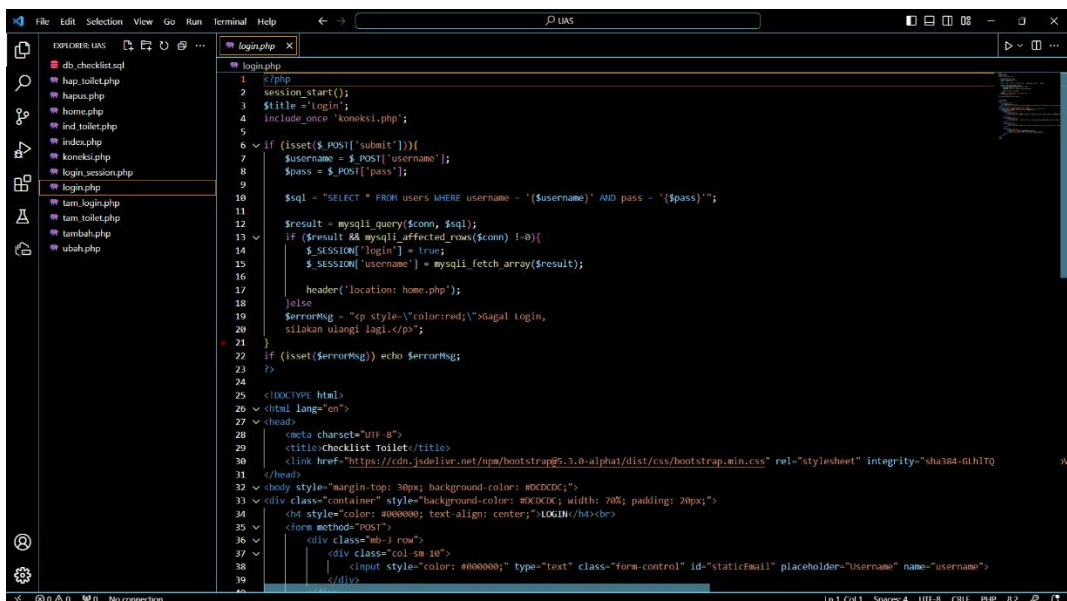


```

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 '%".$q."%' or kloset LIKE '%".$q."%' or wastafel LIKE '%".$q."%' or lan";
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>Checklist Toilet</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-GhltQ"
25 </head>
26 <body style="margin-top: 30px; background-color: #FFFFFF;">
27     <div class="container" style="background-color: #D0D0D0; width: 250%; padding: 10px;">
28         <br><br>
29         <div class="head">
30             <h1 style="color: #000000;">Checklist Toilet</h1>
31         </div>
32         <div class="form-group" action="index.php" method="get">
33             <label for="q" style="color: #000000;">Carilah Data Toilet</label>
34             <input type="text" placeholder="Masukkan Pencarian" id="q" name="q" class="input-q" value="">
35             <button type="submit" name="submit" class="btn btn-primary" style="background-color: #000000; color: #FFFFFF;">Carilah</button>
36         </div>
37     </div>
38 </div>
39 <div class="main">

```

Membuat File Login.php

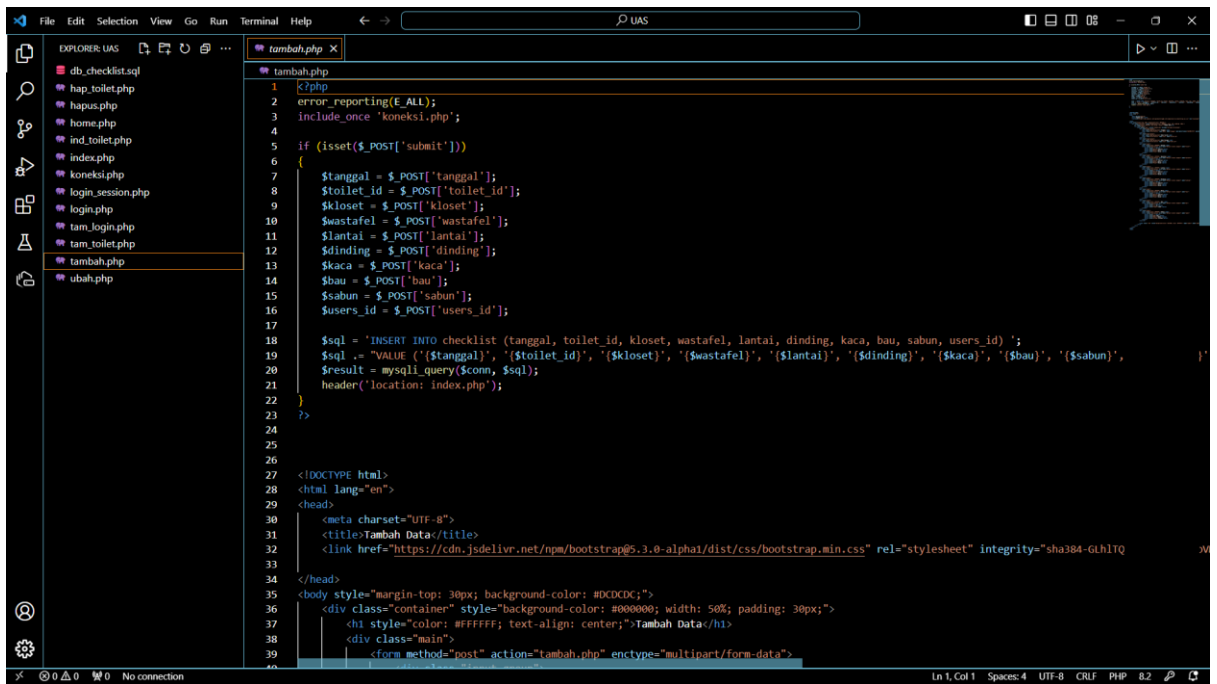


```

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     $result = mysqli_query($conn, $sql);
12     if ($result && mysqli_affected_rows($conn) != 0) {
13         $_SESSION['login'] = true;
14         $_SESSION['username'] = mysqli_fetch_array($result);
15         header('location: home.php');
16     } else {
17         $errorMsg = "<p style='color:red;'>Gagal login, silakan ulang lagi.</p>";
18     }
19 }
20 if (isset($errorMsg)) echo $errorMsg;
21 ?>
22
23 <!DOCTYPE html>
24 <html lang="en">
25 <head>
26     <meta charset="UTF-8">
27     <title>Checklist Toilet</title>
28     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GhltQ"
29 </head>
30 <body style="margin-top: 30px; background-color: #D0D0D0;">
31     <div class="container" style="background-color: #D0D0D0; width: 70%; padding: 20px;">
32         <div style="color: #000000; text-align: center;">LOGIN</div>
33         <form method="POST">
34             <div class="mb-3 row">
35                 <div class="col-sm-10">
36                     <input style="color: #000000;" type="text" class="form-control" id="staticEmail" placeholder="Username" name="username">
37                 </div>

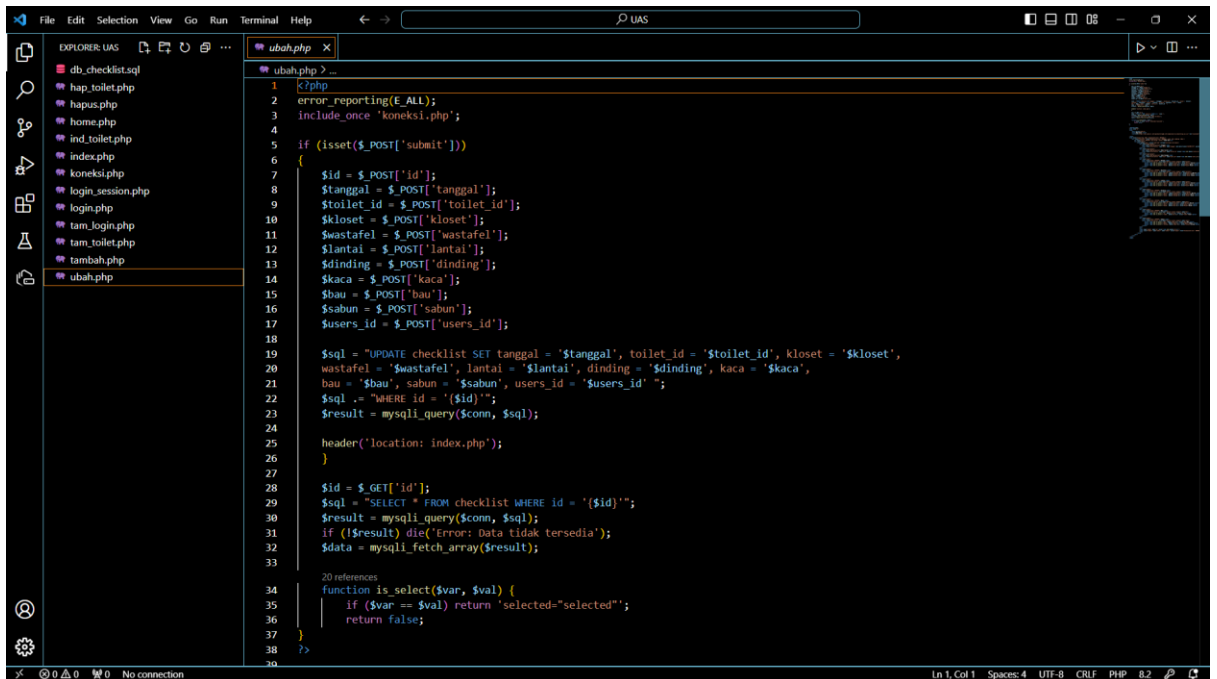
```

Membuat File Tambah.php



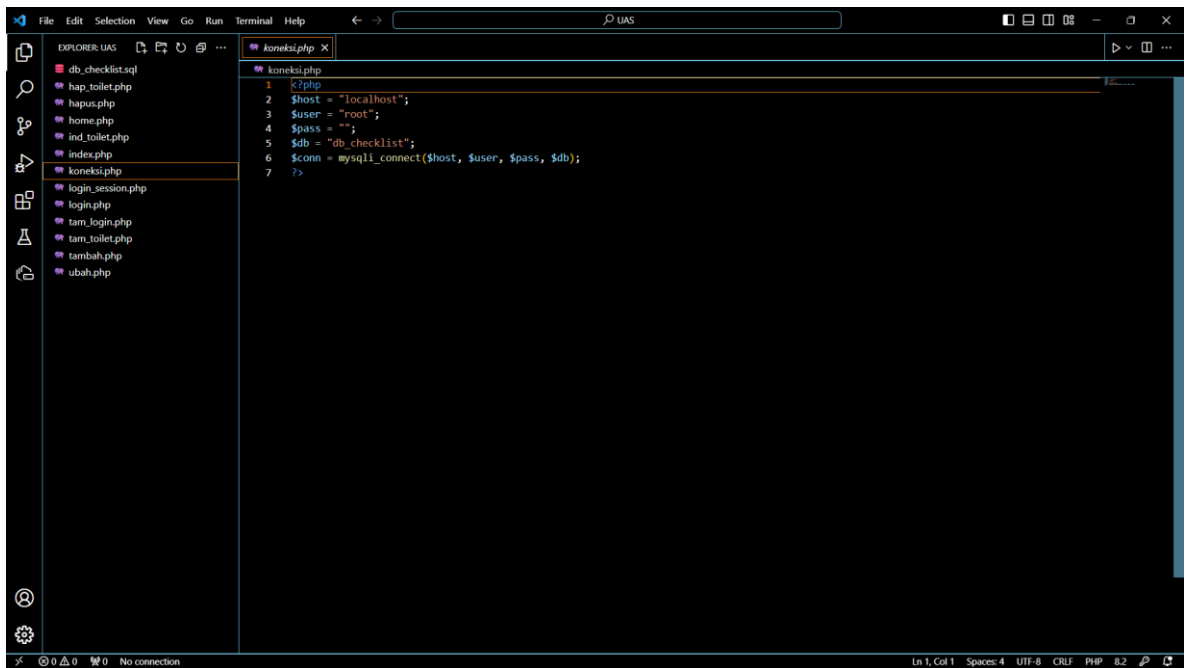
```
1 <?php
2 error_reporting(E_ALL);
3 include_once 'koneksi.php';
4
5 if (isset($_POST['submit']))
6 {
7     $tanggal = $_POST['tanggal'];
8     $toilet_id = $_POST['toilet_id'];
9     $kloset = $_POST['kloset'];
10    $wastafel = $_POST['wastafel'];
11    $lantai = $_POST['lantai'];
12    $dinding = $_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    $result = mysql_query($sql);
21    header('location: index.php');
22 }
23 ?>
24
25
26 <!DOCTYPE html>
27 <html lang="en">
28 <head>
29
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-GhltQ"
33
34 </head>
35 <body style="margin-top: 30px; background-color: #DCCDCD;">
36     <div class="container" style="background-color: #000000; width: 50%; padding: 30px;">
37         <h1 style="color: #FFFFFF; text-align: center;">Tambah Data</h1>
38         <div class="main">
39             <form method="post" action="tambah.php" enctype="multipart/form-data">
```

Membuat File Ubah.php



```
1 <?php
2 error_reporting(E_ALL);
3 include_once 'koneksi.php';
4
5 if (isset($_POST['submit']))
6 {
7     $id = $_POST['id'];
8     $tanggal = $_POST['tanggal'];
9     $toilet_id = $_POST['toilet_id'];
10    $kloset = $_POST['kloset'];
11    $wastafel = $_POST['wastafel'];
12    $lantai = $_POST['lantai'];
13    $dinding = $_POST['dinding'];
14    $kaca = $_POST['kaca'];
15    $bau = $_POST['bau'];
16    $sabun = $_POST['sabun'];
17    $users_id = $_POST['users_id'];
18
19    $sql = "UPDATE checklist SET tanggal = '{$tanggal}', toilet_id = '{$toilet_id}', kloset = '{$kloset}',
20    wastafel = '{$wastafel}', lantai = '{$lantai}', dinding = '{$dinding}', kaca = '{$kaca}',
21    bau = '{$bau}', sabun = '{$sabun}', users_id = '{$users_id}' ";
22    $sql .= "WHERE id = '{$id}'";
23    $result = mysql_query($sql);
24
25    header('location: index.php');
26 }
27
28 $id = $_GET['id'];
29 $sql = "SELECT * FROM checklist WHERE id = '{$id}'";
30 $result = mysql_query($sql);
31 if (!$result) die("Error: Data tidak tersedia");
32 $data = mysql_fetch_array($result);
33
34 20 references
35 function is_selected($var, $val) {
36     if ($var == $val) return 'selected="selected"';
37     return false;
38 }
39 ?>
```

Membuat File Koneksi.php

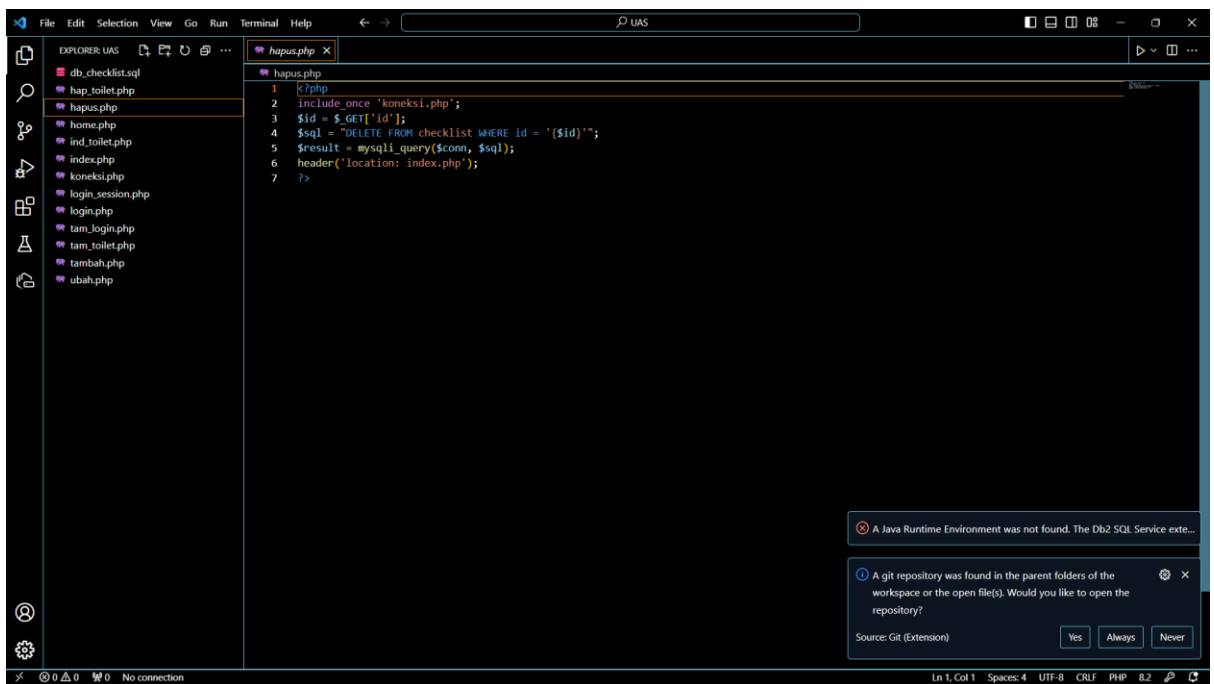


The screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left displaying a file list. The main editor area shows the file `koneksi.php` with the following PHP code:

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

The status bar at the bottom indicates "Ln 1, Col 1 Spaces: 4 UTF-8 CRLF PHP 8.2".

Membuat File Hapus.php



The screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left displaying a file list. The main editor area shows the file `hapus.php` with the following PHP code:

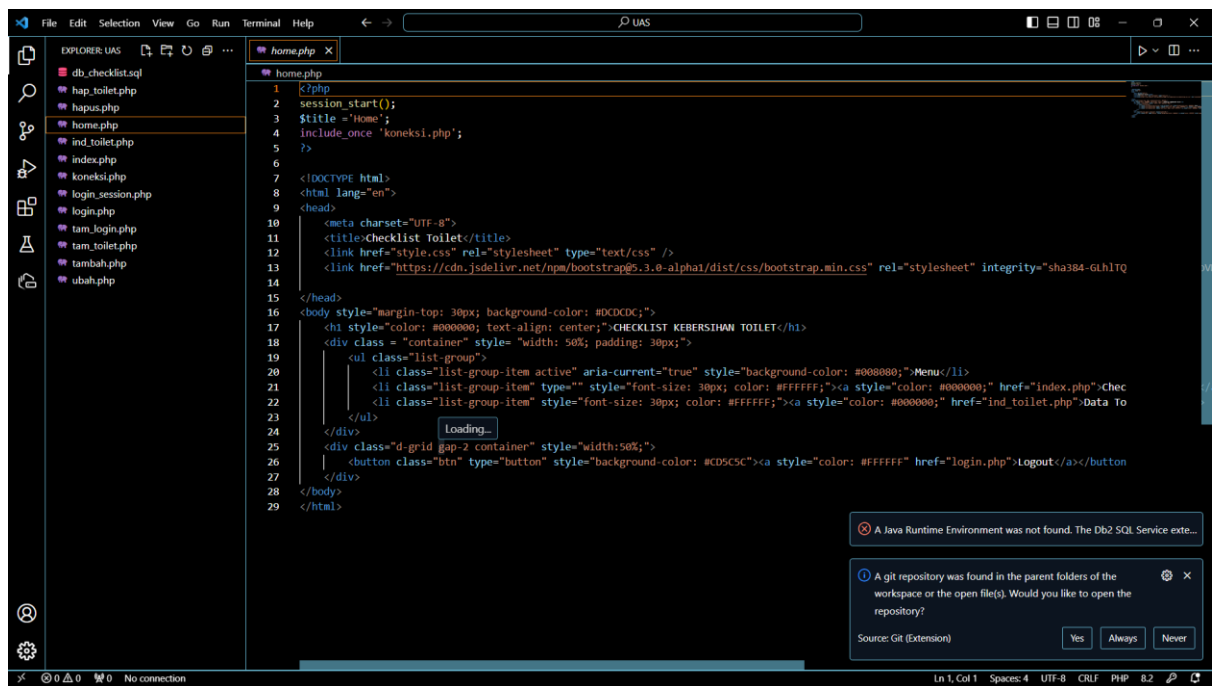
```
1 <?php
2 include_once 'koneksi.php';
3 $id = $_GET['id'];
4 $sql = "DELETE FROM checklist WHERE id = '{$id}'";
5 $result = mysqli_query($conn, $sql);
6 header("location: index.php");
7 ?>
```

The status bar at the bottom indicates "Ln 1, Col 1 Spaces: 4 UTF-8 CRLF PHP 8.2".

Two notification banners are visible in the bottom right corner:

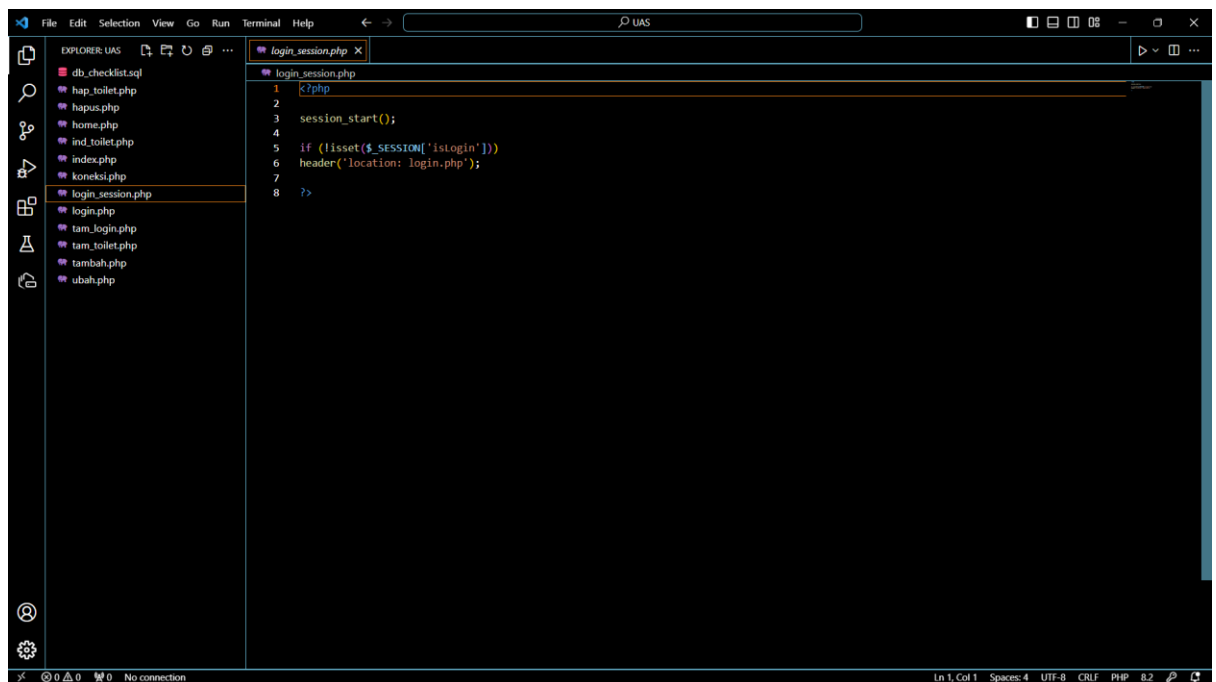
- A Java Runtime Environment was not found. The Db2 SQL Service exte...
- A git repository was found in the parent folders of the workspace or the open file(s). Would you like to open the repository? Source: Git (Extension) [Yes] [Always] [Never]

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>Checklist Toilet</title>
12 <link href="style.css" rel="stylesheet" type="text/css" />
13 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GhltQ"
14
15 </head>
16 <body style="margin-top: 30px; background-color: #DCDCDC;">
17 <h1 style="color: #000000; text-align: center;">CHECKLIST KEBERSIHAN TOILET</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: #000000; color: #FFFFFF;">Menu</li>
21 <li class="list-group-item" type="" style="font-size: 30px; color: #FFFFFF;"><a style="color: #000000;" href="index.php">Chec
22 <li class="list-group-item" style="font-size: 30px; color: #FFFFFF;"><a style="color: #000000;" href="ind_toilet.php">Data To
23 </ul>
24 </div>
25 <div class="d-grid gap-2 container" style="width:50%;">
26 <button class="btn" type="button" style="background-color: #CD5C5C"><a style="color: #FFFFFF" href="login.php">Logout</a></button
27 </div>
28 </body>
29 </html>
```

Membuat File Login_session.php



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