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Matkul : Pemograman Web 1

Dosen : Agung Nugroho, S.kom, M.kom

Project : Membuat Sistem Checklist Kebersihan Toilet

## Membuat data base db\_checklist

- SQL Checklist: Users

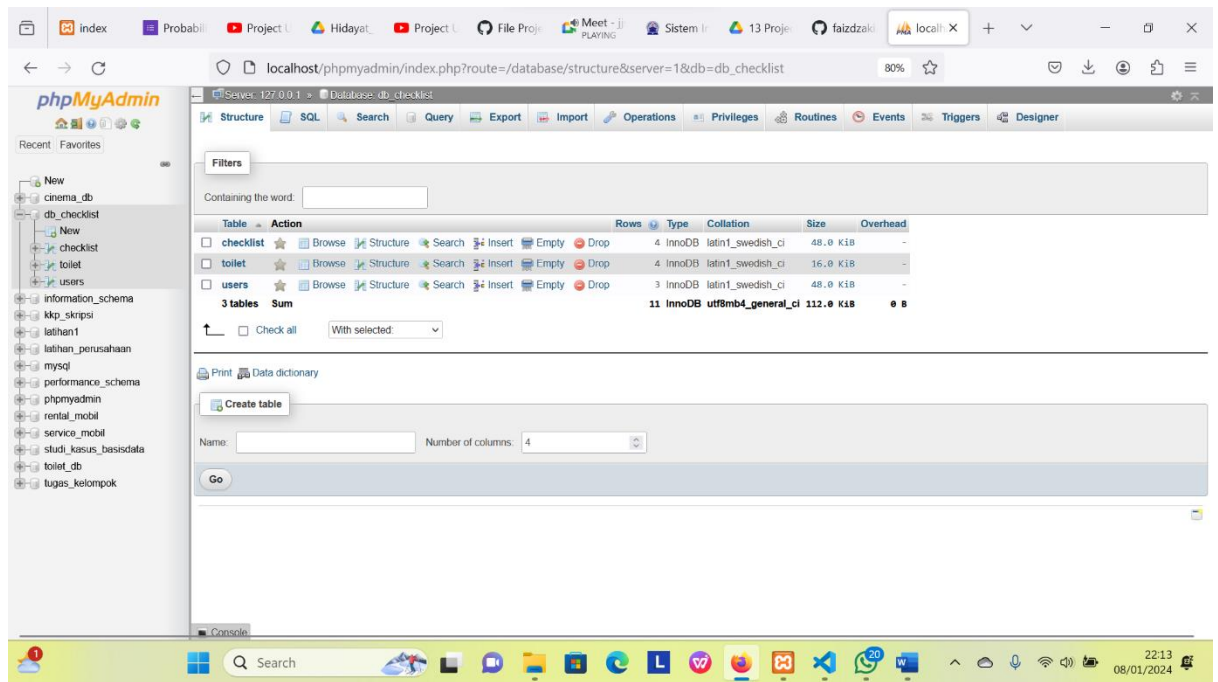
```
CREATE TABLE `users` (  
  `id` int(11) NOT NULL,  
  `username` varchar(100) DEFAULT NULL,  
  `password` varchar(100) DEFAULT NULL,  
  `nama` varchar(200) DEFAULT NULL,  
  `email` varchar(200) DEFAULT NULL,  
  `status` varchar(10) DEFAULT NULL COMMENT 'Aktif/Non aktif',  
  `role` varchar(10) DEFAULT '2' COMMENT '1:Admin\r\n2:User'  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;
```

- SQL Checklist: Toilet

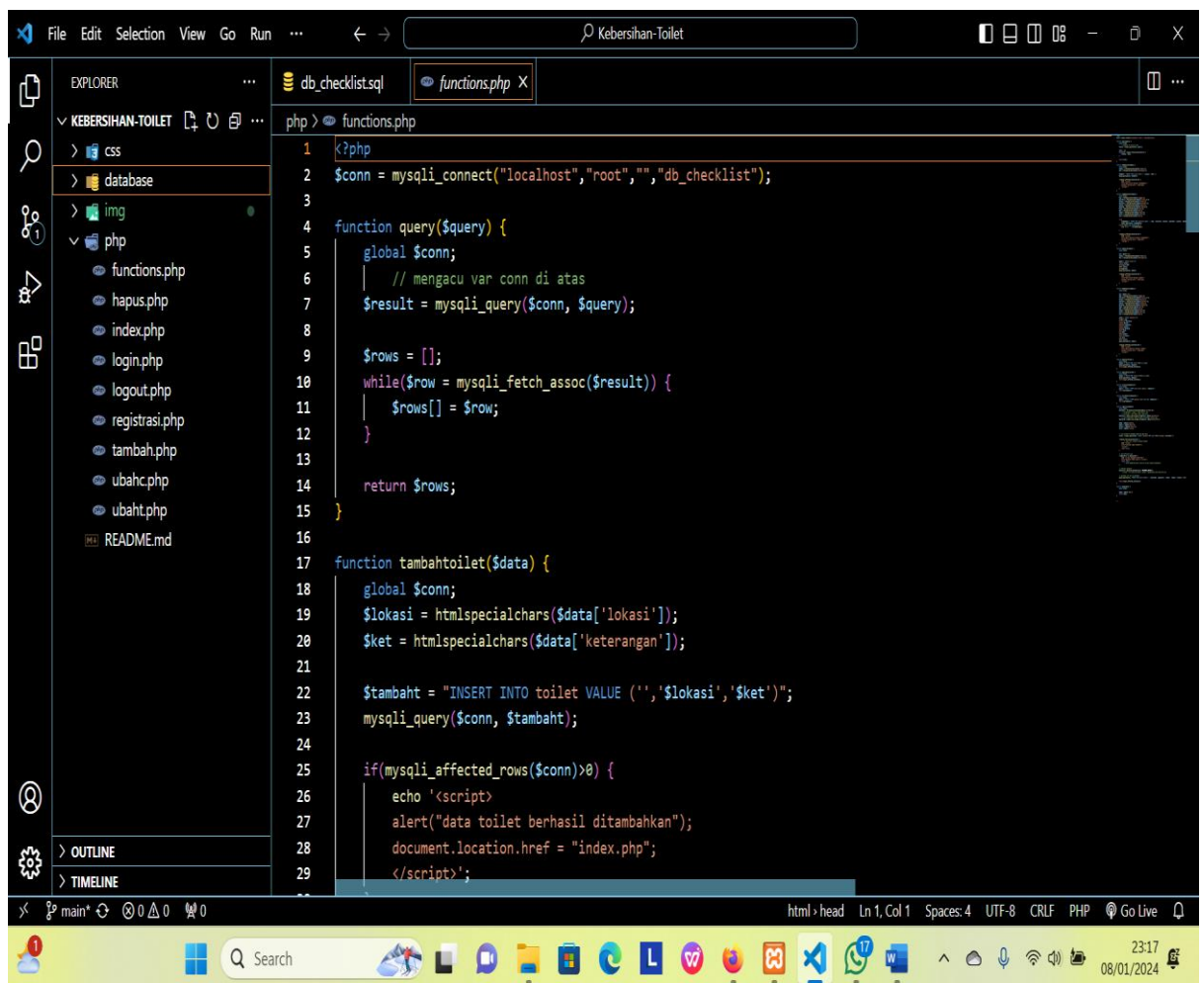
```
CREATE TABLE `toilet` (  
  `id` int(11) NOT NULL,  
  `lokasi` varchar(45) DEFAULT NULL,  
  `keterangan` varchar(45) DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;
```

- SQL Checklist: Checklist

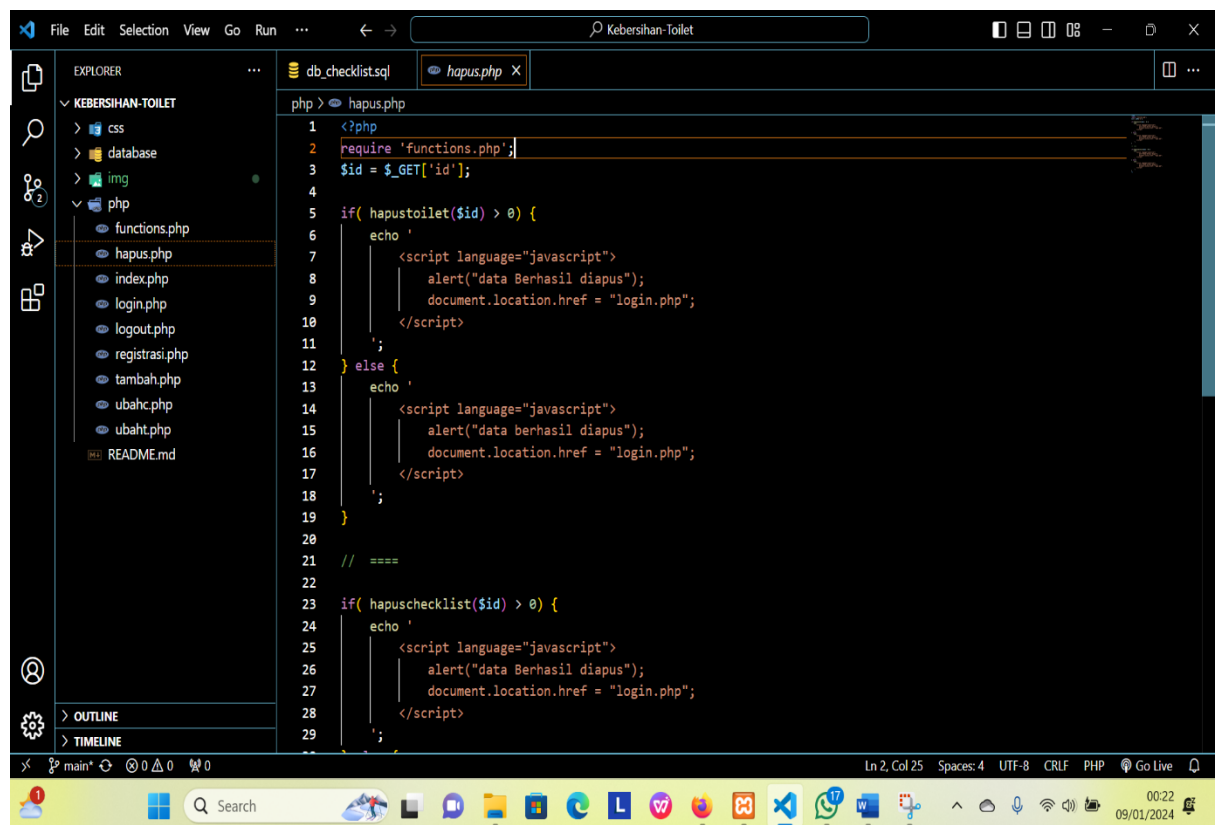
```
CREATE TABLE `checklist` (  
  `id` int(11) NOT NULL,  
  `tanggal` datetime DEFAULT NULL,  
  `toilet_id` int(11) NOT NULL,  
  `kloset` varchar(10) DEFAULT NULL COMMENT 'Bersih/Kotor/Rusak',  
  `wastafel` varchar(10) DEFAULT NULL COMMENT 'Bersih/Kotor/Rusak',  
  `lantai` varchar(10) DEFAULT NULL COMMENT 'Bersih/Kotor/Rusak',  
  `dinding` varchar(10) DEFAULT NULL COMMENT 'Bersih/Kotor/Rusak',  
  `kaca` varchar(10) DEFAULT NULL COMMENT 'Bersih/Kotor/Rusak',  
  `bau` varchar(10) DEFAULT NULL COMMENT 'Ya/Tidak',  
  `sabun` varchar(10) DEFAULT NULL COMMENT 'Ada/Habis/Hilang',  
  `users_id` int(11) NOT NULL,  
  `nim` varchar(10) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COLLATE=latin1_swedish_ci;
```



## Membuat File Functions.PHP



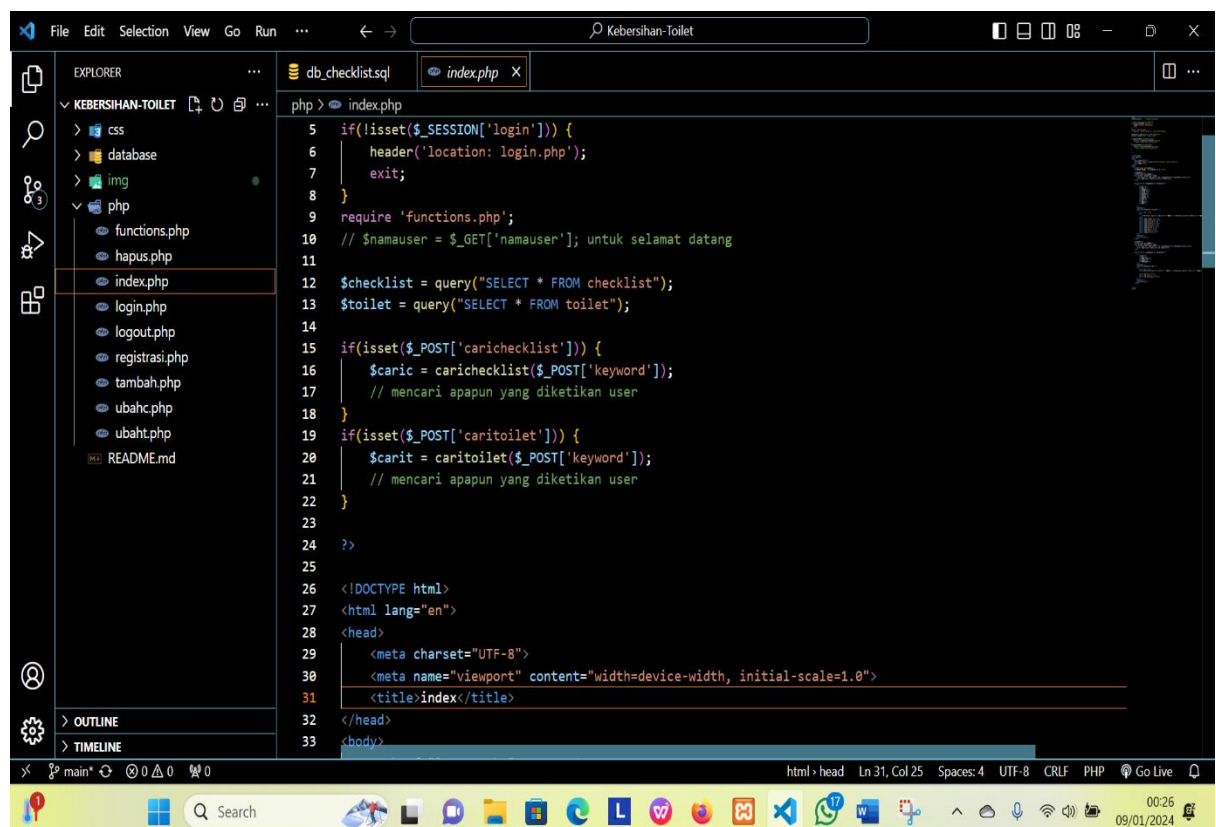
## Membuat Hapus.PHP



The screenshot shows the Visual Studio Code editor with a project named "Kebersihan-Toilet". The Explorer sidebar on the left shows the file structure, including a "php" directory with files like "hapus.php", "index.php", "login.php", "logout.php", "registrasi.php", "tambah.php", "ubahc.php", and "ubaht.php". The main editor area displays the code for "hapus.php".

```
1 <?php
2 require 'functions.php';
3 $id = $_GET['id'];
4
5 if( hapustolet($id) > 0) {
6     echo '
7     <script language="javascript">
8         alert("data Berhasil diapus");
9         document.location.href = "login.php";
10    </script>
11    ';
12 } else {
13     echo '
14     <script language="javascript">
15         alert("data berhasil diapus");
16         document.location.href = "login.php";
17     </script>
18     ';
19 }
20
21 // ====
22
23 if( hapuschecklist($id) > 0) {
24     echo '
25     <script language="javascript">
26         alert("data Berhasil diapus");
27         document.location.href = "login.php";
28     </script>
29     ';
```

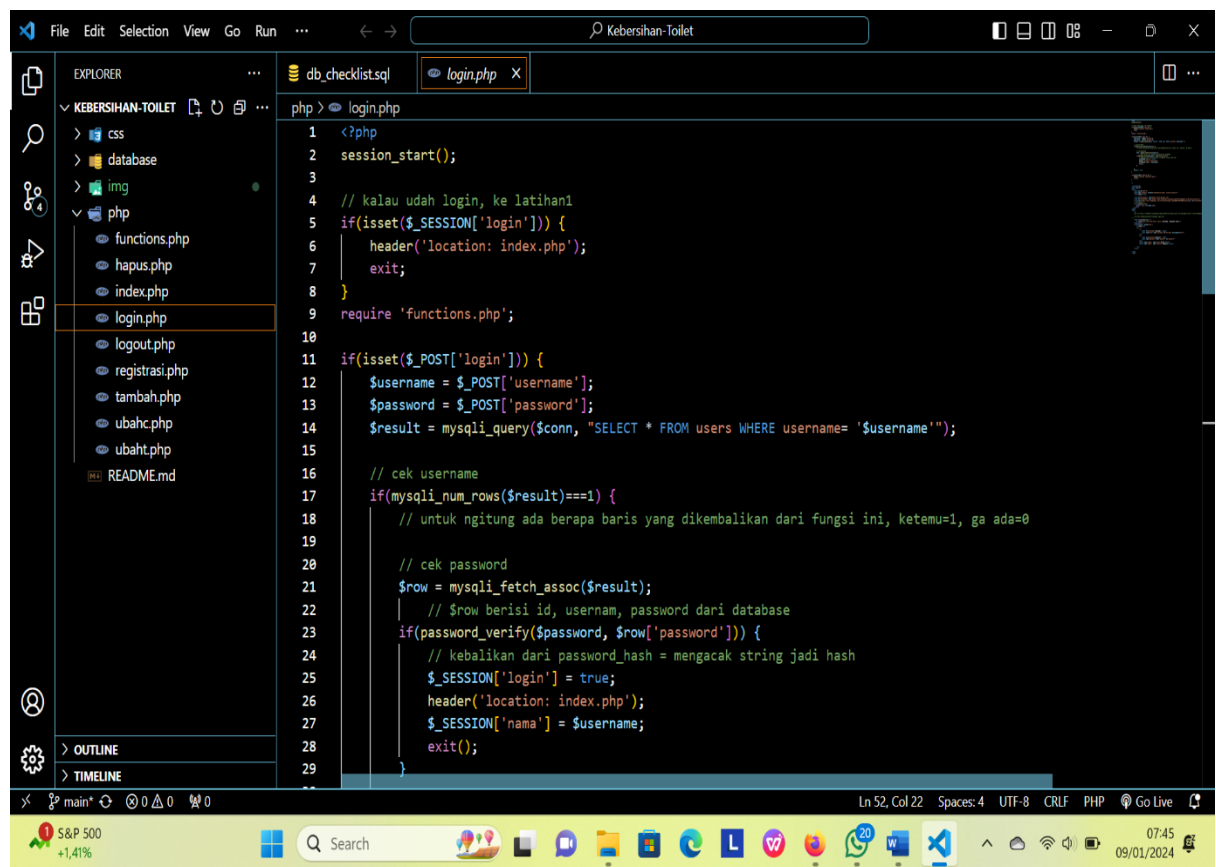
## Membuat File index.PHP



The screenshot shows the Visual Studio Code editor with the same project "Kebersihan-Toilet". The Explorer sidebar shows the "index.php" file selected. The main editor area displays the code for "index.php".

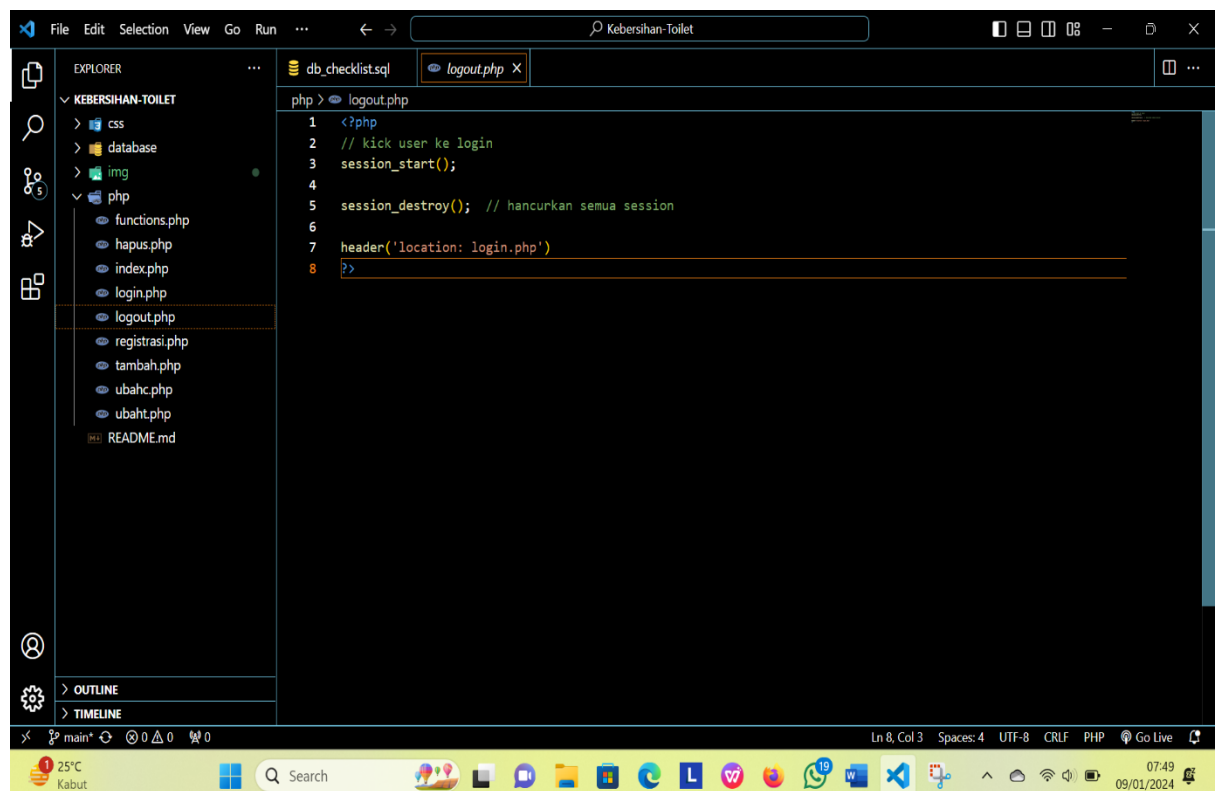
```
5 if(isset($_SESSION['login'])) {
6     header('location: login.php');
7     exit;
8 }
9 require 'functions.php';
10 // $namauser = $_GET['namauser']; untuk selamat datang
11
12 $checklist = query("SELECT * FROM checklist");
13 $toilet = query("SELECT * FROM toilet");
14
15 if(isset($_POST['carichecklist'])) {
16     $caric = carichecklist($_POST['keyword']);
17     // mencari apapun yang diketikan user
18 }
19 if(isset($_POST['caritoilet'])) {
20     $carit = caritoilet($_POST['keyword']);
21     // mencari apapun yang diketikan user
22 }
23
24 ?>
25
26 <!DOCTYPE html>
27 <html lang="en">
28 <head>
29     <meta charset="UTF-8">
30     <meta name="viewport" content="width=device-width, initial-scale=1.0">
31     <title>index</title>
32 </head>
33 <body>
```

## Membuat File Login.PHP



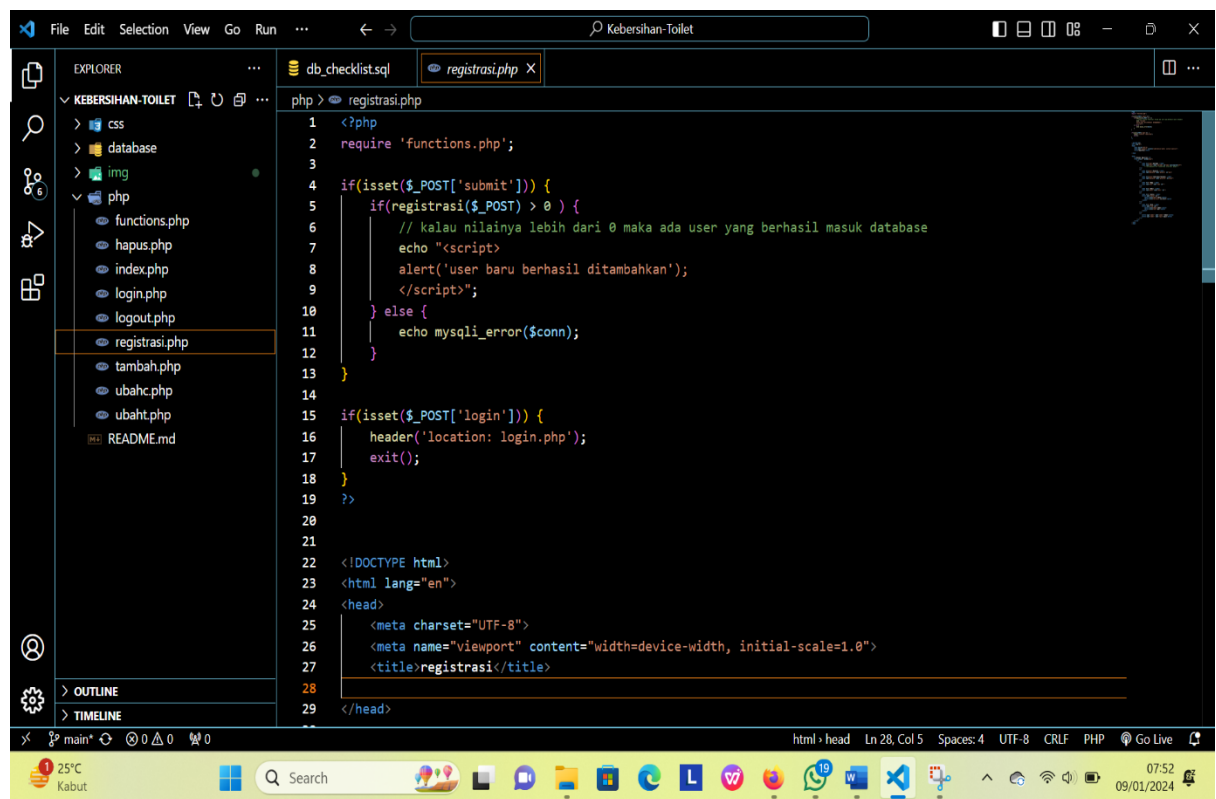
```
1 <?php
2 session_start();
3
4 // kalau udah login, ke latihan1
5 if(isset($_SESSION['login'])) {
6     header('location: index.php');
7     exit;
8 }
9 require 'functions.php';
10
11 if(isset($_POST['login'])) {
12     $username = $_POST['username'];
13     $password = $_POST['password'];
14     $result = mysqli_query($conn, "SELECT * FROM users WHERE username= '$username'");
15
16     // cek username
17     if(mysqli_num_rows($result)==1) {
18         // untuk ngitung ada berapa baris yang dikembalikan dari fungsi ini, ketemu=1, ga ada=0
19
20         // cek password
21         $row = mysqli_fetch_assoc($result);
22         // $row berisi id, usernam, password dari database
23         if(password_verify($password, $row['password'])) {
24             // kebalikan dari password_hash = mengacak string jadi hash
25             $_SESSION['login'] = true;
26             header('location: index.php');
27             $_SESSION['nama'] = $username;
28             exit();
29 }
```

## Membuat File Logout.PHP



```
1 <?php
2 // kick user ke login
3 session_start();
4
5 session_destroy(); // hancurkan semua session
6
7 header('location: login.php')
8 ?>
```

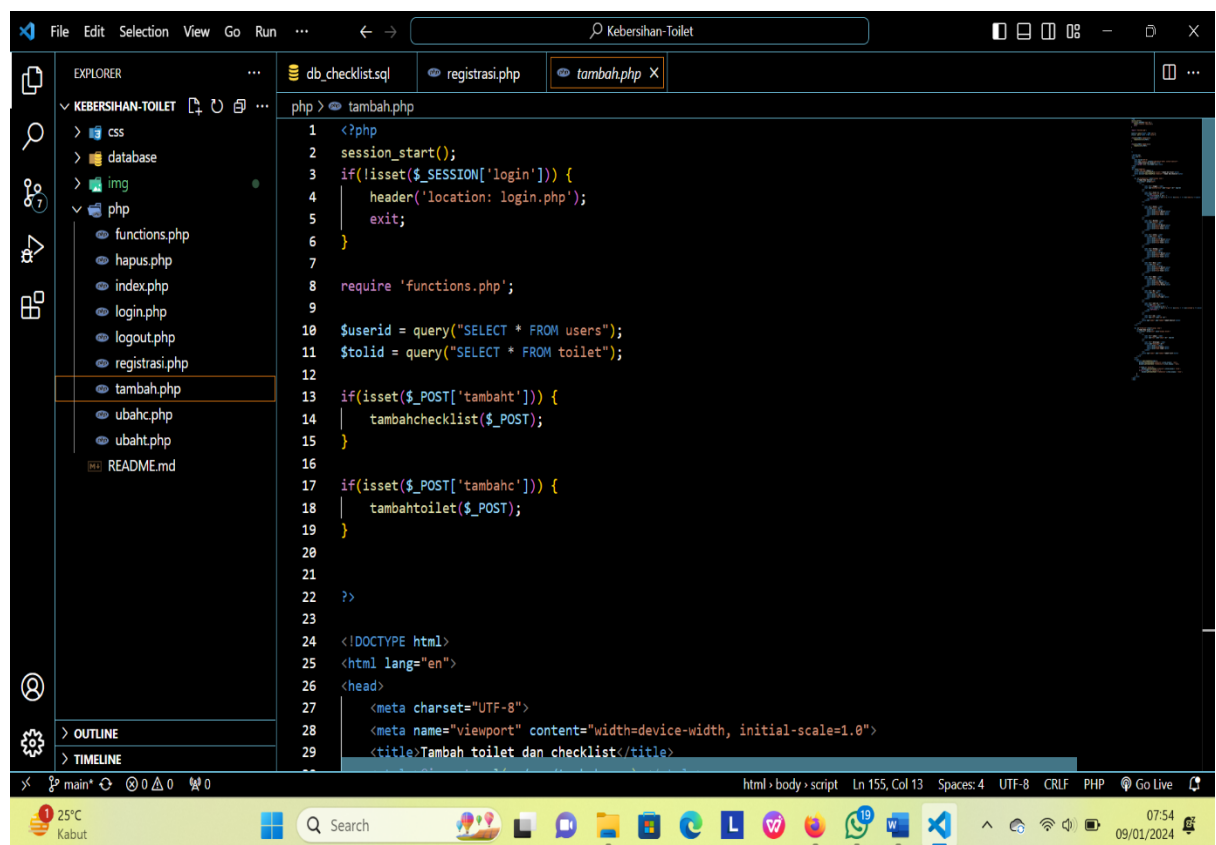
## Membuat File Registrasi.PHP



The screenshot shows the Visual Studio Code editor with a project named "KEBERSIHAN-TOILET". The Explorer sidebar on the left shows the file structure: css, database, img, and php. The php directory contains functions.php, hapus.php, index.php, login.php, logout.php, registrasi.php (selected), tambah.php, ubahc.php, ubaht.php, and README.md. The main editor displays the content of registrasi.php, which includes PHP logic for handling registration and login attempts, and an HTML header section.

```
1 <?php
2 require 'functions.php';
3
4 if(isset($_POST['submit'])) {
5     if(registrasi($_POST) > 0) {
6         // kalau nilainya lebih dari 0 maka ada user yang berhasil masuk database
7         echo "<script>
8             alert('user baru berhasil ditambahkan');
9         </script>";
10    } else {
11        echo mysqli_error($conn);
12    }
13 }
14
15 if(isset($_POST['login'])) {
16     header('location: login.php');
17     exit();
18 }
19 ?>
20
21
22 <!DOCTYPE html>
23 <html lang="en">
24 <head>
25     <meta charset="UTF-8">
26     <meta name="viewport" content="width=device-width, initial-scale=1.0">
27     <title>registrasi</title>
28
29 </head>
```

## Membuat File Tambah.PHP



The screenshot shows the Visual Studio Code editor with the same project "KEBERSIHAN-TOILET". The Explorer sidebar shows the file structure, and the main editor displays the content of tambah.php. This file includes PHP logic for session management, database queries to fetch user and toilet data, and functions to handle adding new entries to the database. It also includes an HTML header section.

```
1 <?php
2 session_start();
3 if(!isset($_SESSION['login'])) {
4     header('location: login.php');
5     exit();
6 }
7
8 require 'functions.php';
9
10 $userid = query("SELECT * FROM users");
11 $tolid = query("SELECT * FROM toilet");
12
13 if(isset($_POST['tambaht'])) {
14     tambahchecklist($_POST);
15 }
16
17 if(isset($_POST['tambahc'])) {
18     tambahtolet($_POST);
19 }
20
21 ?>
22
23
24 <!DOCTYPE html>
25 <html lang="en">
26 <head>
27     <meta charset="UTF-8">
28     <meta name="viewport" content="width=device-width, initial-scale=1.0">
29     <title>Tambah toilet dan checklist</title>
```