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### 1.koneksi.php

```
<?php
$host = "localhost";
$username = "root";
$password = "";
$database = "todo_app";

$conn = mysqli_connect($host, $username, $password, $database);

if (!$conn) {
    die("Koneksi gagal: " . mysqli_connect_error());
}
?>
```

untuk menyambungkan database dengan code

### 2.Index.php

```
<?php include 'koneksi.php'; ?>
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <title>Daftar Tugas</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 20px;
        }
        .header {
            display: flex;
            justify-content: space-between;
            align-items: center;
            margin-bottom: 20px;
        }
        table {
            width: 100%;
            border-collapse: collapse;
        }
        th, td {
            border: 1px solid #ddd;
```

```

        padding: 8px;
        text-align: left;
    }
    th {
        background-color: #f2f2f2;
    }
    .btn {
        padding: 5px 10px;
        text-decoration: none;
        border-radius: 3px;
        font-size: 14px;
    }
    .btn-edit {
        background-color: #ffc107;
        color: #000;
    }
    .btn-delete {
        background-color: #dc3545;
        color: #fff;
    }
    .btn-complete {
        background-color: #28a745;
        color: #fff;
    }
    .disabled {
        opacity: 0.5;
        pointer-events: none;
    }
    .empty-message {
        text-align: center;
        padding: 20px;
        font-style: italic;
        color: #666;
    }
}
</style>
</head>
<body>
    <div class="header">
        <h2>Daftar Tugas</h2>
        <div>
            <a href="tambah_tugas.php" style="background-color:
#007bff; color: #fff; padding: 8px 15px; text-decoration: none;
border-radius: 4px;">Tambah Tugas</a>

```



```

        echo '<a href="edit_tugas.php?id=' .
$row['task_id'] . '" class="btn btn-edit disabled">Edit</a> ';
    } else {
        echo '<a href="edit_tugas.php?id=' .
$row['task_id'] . '" class="btn btn-edit">Edit</a> ';
    }

    // Tombol Hapus
    echo '<a href="javascript:void(0);"
onclick="confirmDelete(' . $row['task_id'] . ')" class="btn
btn-delete">Hapus</a> ';

    // Tombol Selesai (hanya untuk status bukan
completed)
    if ($row['status'] != 'completed') {
        echo '<a href="selesai_tugas.php?id=' .
$row['task_id'] . '" class="btn btn-complete">Selesai</a>';
    }

    echo '</td>';
    echo '</tr>';
}
}
?>
</tbody>
</table>

<script>
function confirmDelete(taskId) {
    if (confirm('Apakah Anda yakin ingin menghapus tugas
ini?')) {
        window.location.href = 'hapus_tugas.php?id=' + taskId;
    }
}
</script>
</body>
</html>

```

hasilnya :

## Daftar Tugas

[Tambah Tugas](#)[Kelola Kategori](#)

| Judul           | Deskripsi | Kategori | Status | Aksi |
|-----------------|-----------|----------|--------|------|
| Tidak ada tugas |           |          |        |      |

tampilan kalau ada tugasnya :

## Daftar Tugas

[Tambah Tugas](#)[Kelola Kategori](#)

| Judul          | Deskripsi                        | Kategori | Status     | Aksi   |
|----------------|----------------------------------|----------|------------|--|
| rapat Himpunan | membahas HMIF Dedacted To school | Kuliah   | Onprogress | <a href="#">Edit</a> <a href="#">Hapus</a> <a href="#">Selesai</a> |

### 3.kelola\_kategori\_php

```
<?php include 'koneksi.php'; ?>
<!DOCTYPE html>
<html lang="id">
<head>
  <meta charset="UTF-8">
  <title>Kelola Kategori</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 20px;
    }
    h1 {
      color: #333;
      margin-bottom: 20px;
    }
    h2 {
      color: #444;
      margin-top: 30px;
      margin-bottom: 15px;
    }
    table {
      width: 100%;
      border-collapse: collapse;
      margin-bottom: 20px;
    }
    th, td {
      border: 1px solid #ddd;
      padding: 8px;
```

```
        text-align: left;
    }
    th {
        background-color: #f2f2f2;
    }
    .form-group {
        margin-bottom: 15px;
    }
    label {
        display: block;
        margin-bottom: 5px;
        font-weight: bold;
    }
    input[type="text"] {
        width: 100%;
        padding: 8px;
        border: 1px solid #ddd;
        border-radius: 4px;
        box-sizing: border-box;
    }
    .btn {
        padding: 8px 15px;
        border: none;
        border-radius: 4px;
        cursor: pointer;
        text-decoration: none;
        display: inline-block;
        font-size: 14px;
    }
    .btn-primary {
        background-color: #007bff;
        color: white;
    }
    .btn-secondary {
        background-color: #6c757d;
        color: white;
    }
    .btn-danger {
        background-color: #dc3545;
        color: white;
        padding: 5px 10px;
    }
    .btn-group {
```



```

        echo '<a href="javascript:void(0);"
onclick="confirmDelete(' . $row['category_id'] . ')" class="btn
btn-danger">Hapus</a>';

        echo '</td>';
        echo '</tr>';
    }
} else {
    echo '<tr><td colspan="3">Tidak ada
kategori</td></tr>';
}
?>
</tbody>
</table>

<h2>Tambah Kategori Baru</h2>
<form method="POST" action="tambah_kategori.php">
    <div class="form-group">
        <label for="nama_kategori">Nama Kategori</label>
        <input type="text" id="nama_kategori" name="nama_kategori"
required>
    </div>
    <div class="btn-group">
        <button type="submit" class="btn
btn-primary">Simpan</button>
        <a href="index.php" class="btn btn-secondary">Kembali</a>
    </div>
</form>

<script>
    function confirmDelete(categoryId) {
        if (confirm('Apakah Anda yakin ingin menghapus kategori
ini?\n\nCatatan: Menghapus kategori akan mempengaruhi tugas yang
terkait.')) {
            window.location.href = 'hapus_kategori.php?id=' +
categoryId;
        }
    }
</script>
</body>
</html>

```

hapus\_kategori\_php

<?php



```

include 'koneksi.php';

if (isset($_GET['id'])) {
    $category_id = intval($_GET['id']);

    // Pertama, periksa apakah ada tugas yang menggunakan kategori ini
    $check_sql = "SELECT COUNT(*) as total FROM tasks WHERE category_id
= ?";
    $stmt = mysqli_prepare($conn, $check_sql);
    mysqli_stmt_bind_param($stmt, "i", $category_id);
    mysqli_stmt_execute($stmt);
    $result = mysqli_stmt_get_result($stmt);
    $row = mysqli_fetch_assoc($result);

    if ($row['total'] > 0) {
        // Jika ada tugas yang menggunakan kategori ini
        header("Location:
kelola_kategori.php?status=error&message=Kategori tidak bisa dihapus
karena masih digunakan oleh tugas");
    } else {
        // Jika tidak ada tugas yang menggunakan kategori ini
        $delete_sql = "DELETE FROM categories WHERE category_id = ?";
        $stmt = mysqli_prepare($conn, $delete_sql);
        mysqli_stmt_bind_param($stmt, "i", $category_id);

        if (mysqli_stmt_execute($stmt)) {
            header("Location: kelola_kategori.php?status=success");
        } else {
            header("Location: kelola_kategori.php?status=error");
        }
    }

    mysqli_stmt_close($stmt);
} else {
    header("Location: kelola_kategori.php");
}

mysqli_close($conn);
exit();
?>

```

tambah\_kategori.php

<?php

```

include 'koneksi.php';

if ($_SERVER['REQUEST_METHOD'] == 'POST' &&
isset($_POST['nama_kategori'])) {
    $nama_kategori = mysqli_real_escape_string($conn,
$_POST['nama_kategori']);

    $sql = "INSERT INTO categories (name) VALUES ('$nama_kategori')";

    if (mysqli_query($conn, $sql)) {
        header("Location: kelola_kategori.php?status=success");
    } else {
        header("Location: kelola_kategori.php?status=error");
    }
} else {
    header("Location: kelola_kategori.php");
}

mysqli_close($conn);
?>

```

## Kelola Kategori

### Daftar Kategori

| ID | Nama   | Aksi                   |
|----|--------|------------------------|
| 1  | Kuliah | <button>Hapus</button> |
| 2  | Kerja  | <button>Hapus</button> |
| 5  | kerkom | <button>Hapus</button> |

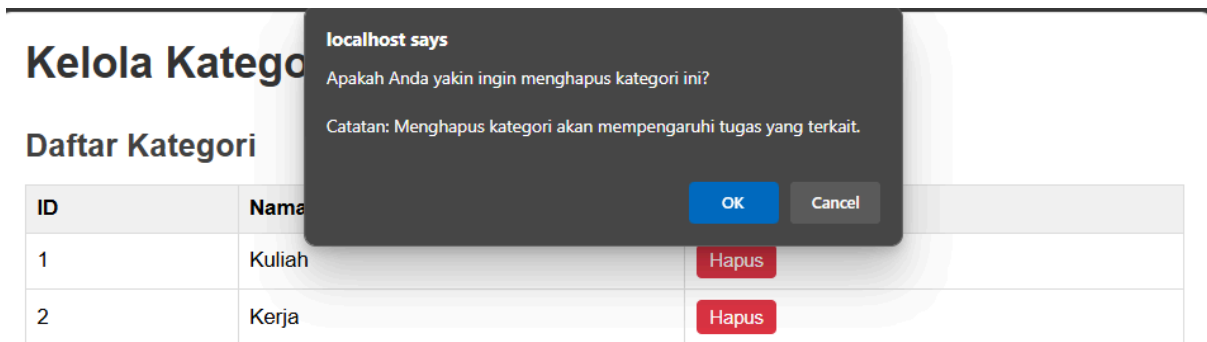
### Tambah Kategori Baru

Nama Kategori

Simpan

Kembali

kalau semisal mau hapus:



#### 4.tambah\_tugas.php

```
<?php include 'koneksi.php'; ?>

<?php
// Ambil data kategori untuk dropdown
$sql = "SELECT * FROM categories";
$categories = mysqli_query($conn, $sql);

if (isset($_POST['submit'])) {
    $title = $_POST['title'];
    $description = $_POST['description'];
    $category_id = $_POST['category_id'];
    $status = $_POST['status'];

    $sql = "INSERT INTO tasks (title, description, category_id, status)
            VALUES ('$title', '$description', '$category_id',
            '$status')";
    mysqli_query($conn, $sql);
    header('Location: index.php');
}
?>

<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <title>Tambah Tugas</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.m
in.css" rel="stylesheet">
</head>
<body>
    <div class="container mt-5">
        <h1 class="mb-4">Tambah Tugas</h1>
        <form method="POST">
            <div class="mb-3">
```

```

        <label for="title" class="form-label">Judul</label>
        <input type="text" class="form-control" id="title"
name="title" required>
    </div>
    <div class="mb-3">
        <label for="description"
class="form-label">Deskripsi</label>
        <textarea class="form-control" id="description"
name="description" rows="3" required></textarea>
    </div>
    <div class="mb-3">
        <label for="category_id"
class="form-label">Kategori</label>
        <select class="form-select" id="category_id"
name="category_id" required>
            <option value="">Pilih Kategori</option>
            <?php while ($row =
mysqli_fetch_assoc($categories)): ?>
                <option value="<?php echo $row['category_id'];
?>"><?php echo $row['name']; ?></option>
            <?php endwhile; ?>
        </select>
    </div>
    <div class="mb-3">
        <label for="status" class="form-label">Status</label>
        <select class="form-select" id="status" name="status"
required>
            <option value="pending">Pending</option>
            <option value="onprogress">Sedang
Dikerjakan</option>
            <option value="completed">Selesai</option>
        </select>
    </div>
    <button type="submit" name="submit" class="btn
btn-primary">Simpan</button>
    <a href="index.php" class="btn btn-secondary">Kembali</a>
</form>
</div>
</body>
</html>

```

hasilnya :

# Tambah Tugas

Judul

Deskripsi

Kategori

Status

## Daftar Tugas

| Judul          | Deskripsi                        | Kategori | Status     | Aksi                                |                                      |  |
|----------------|----------------------------------|----------|------------|-------------------------------------|--------------------------------------|--|
| rapat Himpunan | membahas HMIF Dedacted To school | Kuliah   | Onprogress | <input type="button" value="Edit"/> | <input type="button" value="Hapus"/> | <input type="button" value="Selesai"/> |
| tugas          | tugas jam 11                     | kerkom   | Pending    | <input type="button" value="Edit"/> | <input type="button" value="Hapus"/> | <input type="button" value="Selesai"/> |

### 5.edit\_tugas.php

```
<?php include 'koneksi.php'; ?>
<?php
$task_id = $_GET['id'];

// Ambil data tugas
$sql = "SELECT * FROM tasks WHERE task_id = $task_id";
$result = mysqli_query($conn, $sql);
$task = mysqli_fetch_assoc($result);

// Ambil data kategori untuk dropdown
$sqlCategories = "SELECT * FROM categories";
$categories = mysqli_query($conn, $sqlCategories);
```

```

if (isset($_POST['submit'])) {
    $title = $_POST['title'];
    $description = $_POST['description'];
    $category_id = $_POST['category_id'];
    $status = $_POST['status'];

    $sql = "UPDATE tasks SET
        title = '$title',
        description = '$description',
        category_id = '$category_id',
        status = '$status'
        WHERE task_id = $task_id";
    mysqli_query($conn, $sql);
    header('Location: index.php');
}
?>
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <title>Edit Tugas</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.m
in.css" rel="stylesheet">
</head>
<body>
    <div class="container mt-5">
        <h1 class="mb-4">Edit Tugas</h1>
        <form method="POST">
            <div class="mb-3">
                <label for="title" class="form-label">Judul</label>
                <input type="text" class="form-control" id="title"
name="title" value="<?php echo $task['title']; ?>" required>
            </div>
            <div class="mb-3">
                <label for="description"
class="form-label">Deskripsi</label>
                <textarea class="form-control" id="description"
name="description" rows="3" required><?php echo $task['description'];
?></textarea>
            </div>
            <div class="mb-3">

```

```

        <label for="category_id"
class="form-label">Kategori</label>
        <select class="form-select" id="category_id"
name="category_id" required>
            <?php while ($row =
mysqli_fetch_assoc($categories)): ?>
                <option value="<?php echo $row['category_id'];
?>" <?php if ($row['category_id'] == $task['category_id']) echo
'selected'; ?>>
                    <?php echo $row['name']; ?>
                </option>
            <?php endwhile; ?>
        </select>
    </div>
    <div class="mb-3">
        <label for="status" class="form-label">Status</label>
        <select class="form-select" id="status" name="status"
required>
            <option value="pending" <?php if ($task['status']
== 'pending') echo 'selected'; ?>>Pending</option>
            <option value="onprogress" <?php if
($task['status'] == 'onprogress') echo 'selected'; ?>>Sedang
Dikerjakan</option>
            <option value="completed" <?php if ($task['status']
== 'completed') echo 'selected'; ?>>Selesai</option>
        </select>
    </div>
    <button type="submit" name="submit" class="btn
btn-primary">Simpan</button>
    <a href="index.php" class="btn btn-secondary">Kembali</a>
</form>
</div>
</body>
</html>

```

6. tombol diable kalau nggak ada tugas

# Edit Tugas

Judul

tugas

Deskripsi

tugasnya jam 6

Kategori

kerkom

Status

Pending

Simpan

Kembali

## Daftar Tugas

Tambah Tugas

Kelola Kategori

| Judul          | Deskripsi                        | Kategori | Status     | Aksi |       |         |
|----------------|----------------------------------|----------|------------|------|-------|---------|
| rapat Himpunan | membahas HMIF Dedacted To school | Kuliah   | Onprogress | Edit | Hapus | Selesai |
| tugas          | tugasnya jam 6                   | kerkom   | Pending    | Edit | Hapus | Selesai |

6. tombol disable kalau nggak ada tugas

## Daftar Tugas

Tambah Tugas

Kelola Kategori

| Judul          | Deskripsi                        | Kategori | Status    | Aksi |       |         |
|----------------|----------------------------------|----------|-----------|------|-------|---------|
| rapat Himpunan | membahas HMIF Dedacted To school | Kuliah   | Completed | Edit | Hapus |         |
| tugas          | tugasnya jam 6                   | kerkom   | Pending   | Edit | Hapus | Selesai |

```
if ($row['status'] == 'completed') {
    echo '<a href="edit_tugas.php?id=' .
$row['task_id'] . '" class="btn btn-edit disabled">Edit</a> ';
} else {
    echo '<a href="edit_tugas.php?id=' .
$row['task_id'] . '" class="btn btn-edit">Edit</a> ';
}
```



## 7. fitur hapus tugas

### Daftar Tugas

localhost says  
Apakah Anda yakin ingin menghapus tugas ini?  
OK Cancel

TugasKelola Kategori

| Judul          | Deskripsi                        | Kategori | Status    | Aksi             |
|----------------|----------------------------------|----------|-----------|------------------|
| rapat Himpunan | membahas HMIF Dedacted To school | Kuliah   | Completed | EditHapus        |
| tugas          | tugasnya jam 6                   | kerkom   | Pending   | EditHapusSelesai |

### Daftar Tugas

Tambah TugasKelola Kategori

| Judul | Deskripsi      | Kategori | Status  | Aksi             |
|-------|----------------|----------|---------|------------------|
| tugas | tugasnya jam 6 | kerkom   | Pending | EditHapusSelesai |

|   | task_id | title | description    | category_id | status  |
|---|---------|-------|----------------|-------------|---------|
| <input type="checkbox"/> Edit Copy Delete | 11      | tugas | tugasnya jam 6 | 5           | pending |

hapus\_tugas.php :

```
<?php include 'koneksi.php'; ?>
<?php
if (isset($_GET['id'])) {
    $task_id = $_GET['id'];
    $sql = "DELETE FROM tasks WHERE task_id = $task_id";
    mysqli_query($conn, $sql);
}

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

di index

```
// Tombol Hapus

        echo '<a href="javascript:void(0);"
onclick="confirmDelete(' . $row['task_id'] . ')" class="btn
btn-delete">Hapus</a> ';
```