

TUGAS 3 PWL

Nama : Ajeng Pembayun Kartika Sari

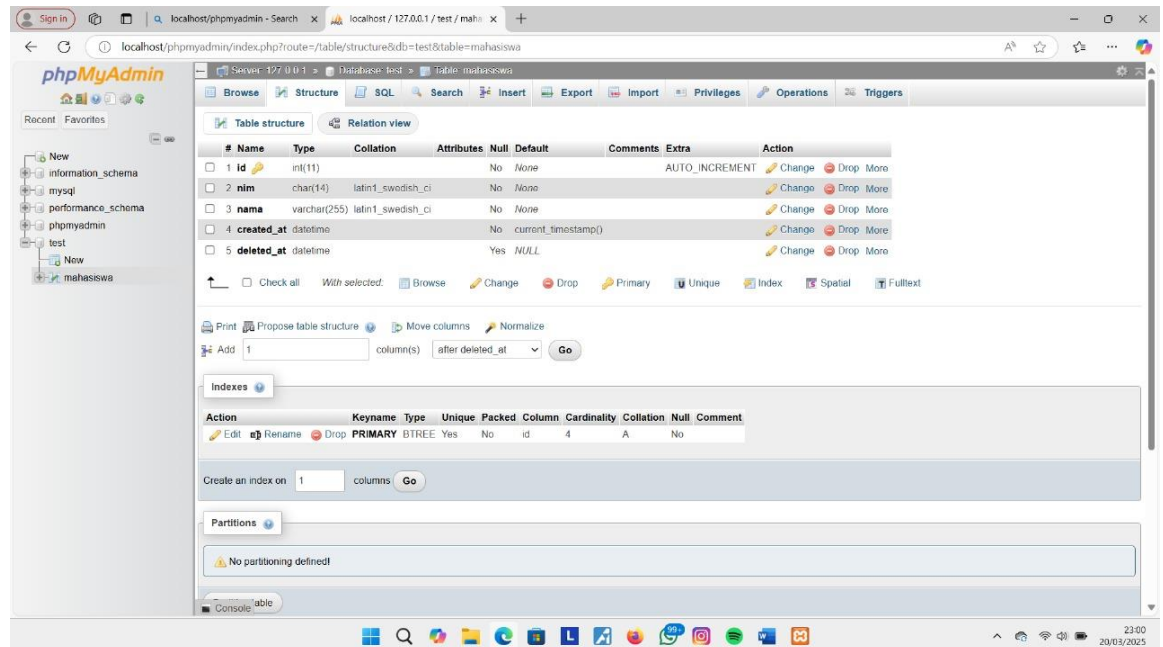
NIM : A11.2023.15127

Kelas : A11.4416

Perintah :

1. tambahkan field created_at (datetime not null) dan deleted_at (datetime null)
2. tampilkan data created_at pada halaman tampil data, tambahkan juga kolom aksi yang isinya adalah link/tombol delete
3. buatlah mekanisme soft delete pada controller. data yang dihapus, tidak tampil pada user, tapi masih bisa dilihat di database

1. Membuat database



2. Membuat file baru delete.php berisi fungsi untuk menghapus data mahasiswa

```
composer.json  mhsList.php M  delete.php U X  Mahasiswa.php M  Model_mhs.php M

delete.php
1  <?php
2  require_once "app/Libraries/database.php";
3  require_once "app/Models/Model_mhs.php";
4  require_once "app/Controllers/Mahasiswa.php";
5
6  use Controllers\Mahasiswa;
7
8  if (isset($_GET['id'])) {
9      $id = filter_input(INPUT_GET, 'id', FILTER_VALIDATE_INT); // Validasi ID
10
11     if ($id) {
12         $controller = new Mahasiswa();
13         if ($controller->delete($id)) {
14             header("Location: index.php?status=success");
15             exit;
16         } else {
17             echo "Gagal menghapus data.";
18             exit;
19         }
20     } else {
21         echo "ID tidak valid.";
22         exit;
23     }
24 } else {
25     echo "Tidak ada ID yang dikirim.";
26     exit;
27 }
```

Jika fungsi diatas terpenuhi maka akan di proses ke controler didalam file Mahasiswa.php

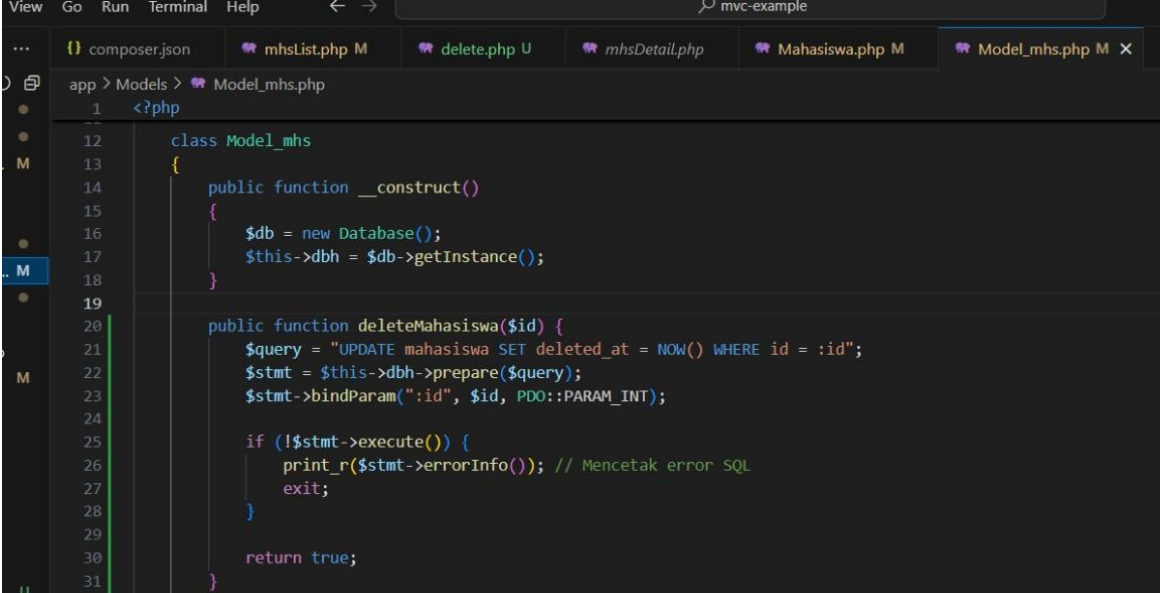
3. melengkapi file Mahasiswa.php dengan menambahkan method delete yang berisi fungsi data berhasil disimpan atau gagal menghapus data.

```
composer.json  mhsList.php M  delete.php U  mhsDetail.php  Mahasiswa.php M X  Model_mhs.php M

app > Controllers > Mahasiswa.php
1  <?php namespace Controllers;
2
3  {
4      public function __construct()
5      {
6          $this->mhs = new Model_mhs();
7      }
8
9
10     public function index()
11     {
12         require_once 'app/Views/index.php';
13     }
14
15     public function delete($id) {
16         if ($this->mhs->deleteMahasiswa($id)) {
17             echo "<script>alert('Data berhasil dihapus!'); window.location.href='index.php';</script>";
18         } else {
19             echo "<script>alert('Gagal menghapus data!');</script>";
20         }
21     }
22 }
```

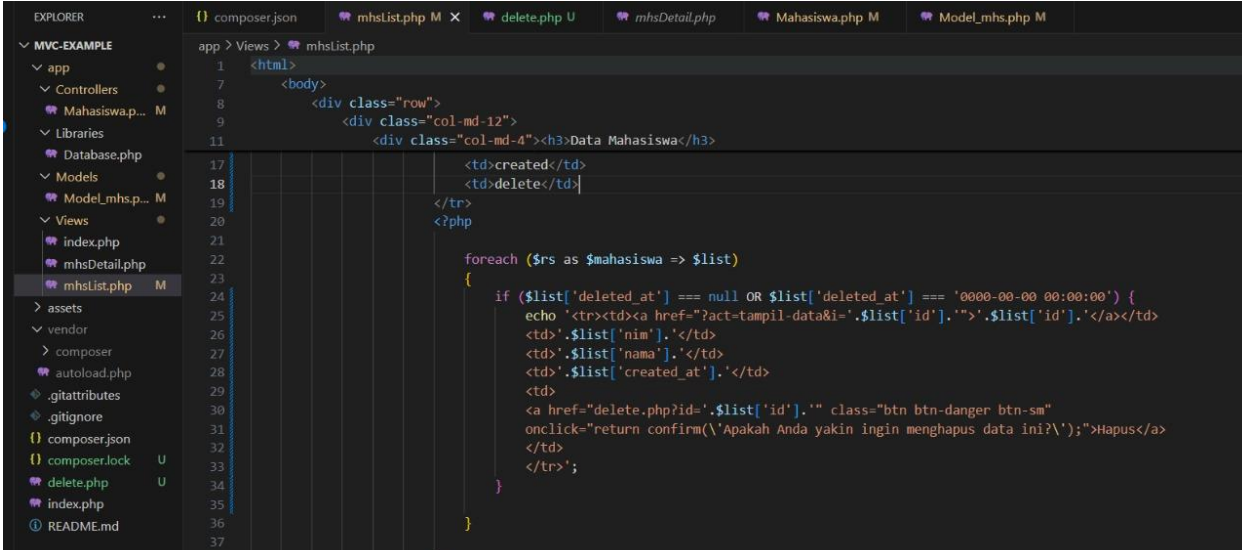
Jika fungsi diatas terpenuhi atau data berhasil dihapus maka selanjutnya diproses ke dalam Models (Model_mhs.php)

4. Dalam file Model_mhs.php saya menambahkan function deleteMahasiswa yang berfungsi untuk mengupdate inputan data yang berhasil dihapus



```
View Go Run Terminal Help mvc-example
... composer.json mhsList.php M delete.php U mhsDetail.php Mahasiswa.php M Model_mhs.php M X
app > Models > Model_mhs.php
1 <?php
12
13 class Model_mhs
14 {
15     public function __construct()
16     {
17         $db = new Database();
18         $this->dbh = $db->getInstance();
19     }
20
21     public function deleteMahasiswa($id) {
22         $query = "UPDATE mahasiswa SET deleted_at = NOW() WHERE id = :id";
23         $stmt = $this->dbh->prepare($query);
24         $stmt->bindParam(":id", $id, PDO::PARAM_INT);
25
26         if (!$stmt->execute()) {
27             print_r($stmt->errorInfo()); // Mencetak error SQL
28             exit;
29         }
30
31         return true;
32     }
33 }
```

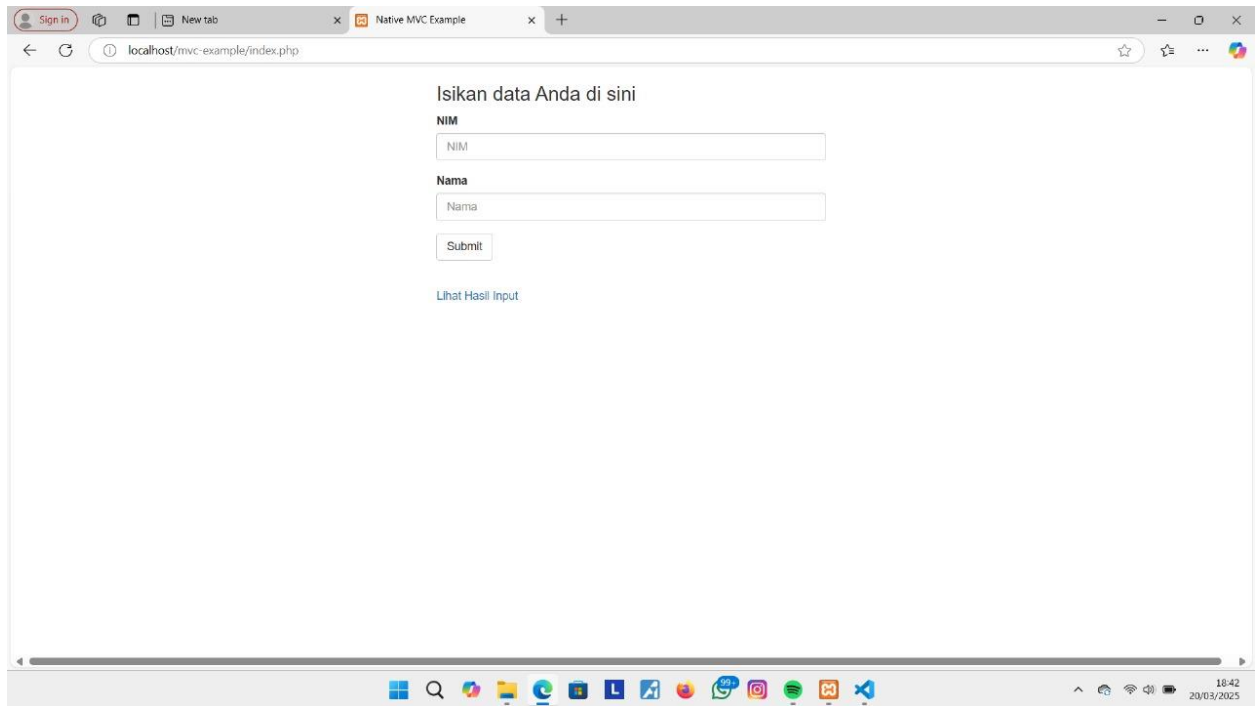
5. Pada file mhsList.php saya menambahkan fungsi untuk memeriksa apakah data tersebut belum dihapus



```
EXPLORER ... composer.json mhsList.php M X delete.php U mhsDetail.php Mahasiswa.php M Model_mhs.php M
MVC-EXAMPLE
  app
    Controllers
      Mahasiswa.p... M
    Libraries
      Database.php
      Models
      Model_mhs.p... M
    Views
      index.php
      mhsDetail.php
      mhsList.php M
  assets
  vendor
  composer
  autoload.php
  .gitattributes
  .gitignore
  composer.json
  composer.lock
  delete.php U
  index.php
  README.md
app > Views > mhsList.php
1 <html>
2 <body>
3     <div class="row">
4         <div class="col-md-12">
5             <div class="col-md-4"><h3>Data Mahasiswa</h3>
6
7             <table>
8                 <tr>
9                     <td>created</td>
10                    <td>deleted</td>
11                </tr>
12            </table>
13            <?php
14
15            foreach ($rs as $mahasiswa => $list)
16            {
17                if ($list['deleted_at'] === null OR $list['deleted_at'] === '0000-00-00 00:00:00') {
18                    echo <tr><td><a href="act=tampil-data&i=".$list['id'].</a>".$list['id'].</a></td>
19                    <td>".$list['nim'].</td>
20                    <td>".$list['nama'].</td>
21                    <td>".$list['created_at'].</td>
22                    <td>
23                        <a href="delete.php?id=".$list['id'].</a> class="btn btn-danger btn-sm"
24                        onclick="return confirm('\Apakah Anda yakin ingin menghapus data ini?');">Hapus</a>
25                    </td>
26                </tr>;
27            }
28        }
29    </div>
30 </div>
31 </body>
32 </html>
```

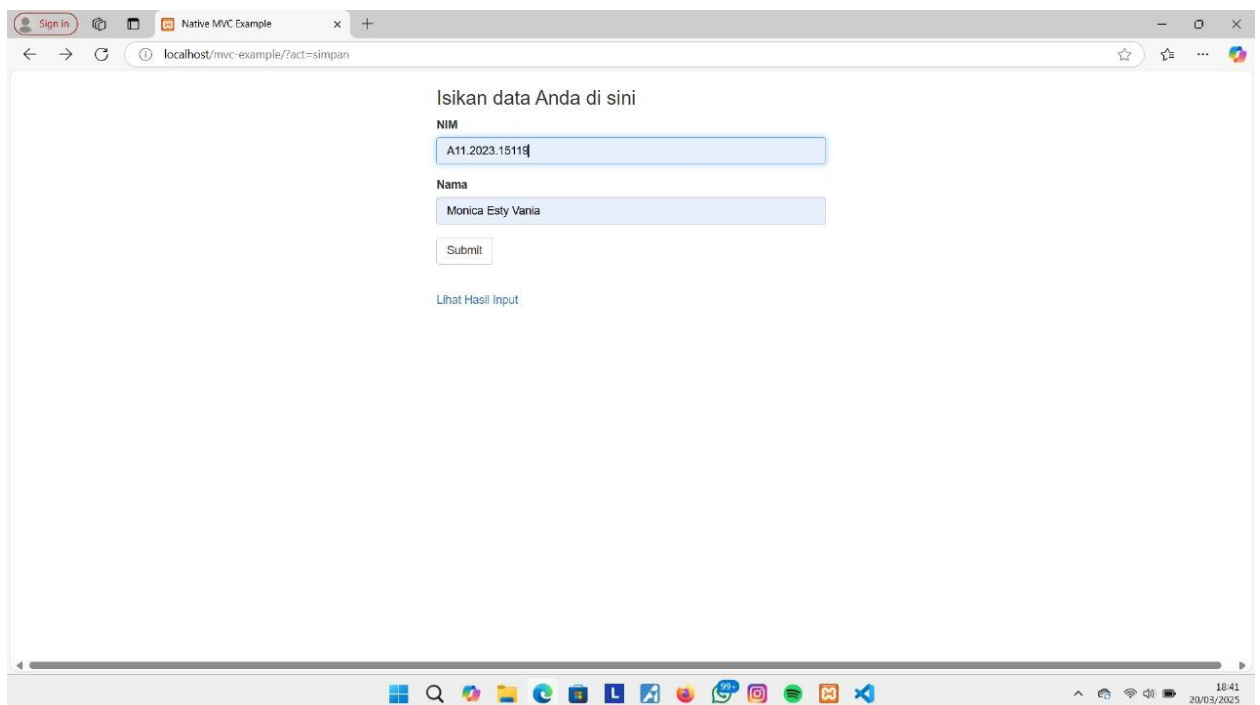
6. Output

1.1. Tampilan awal



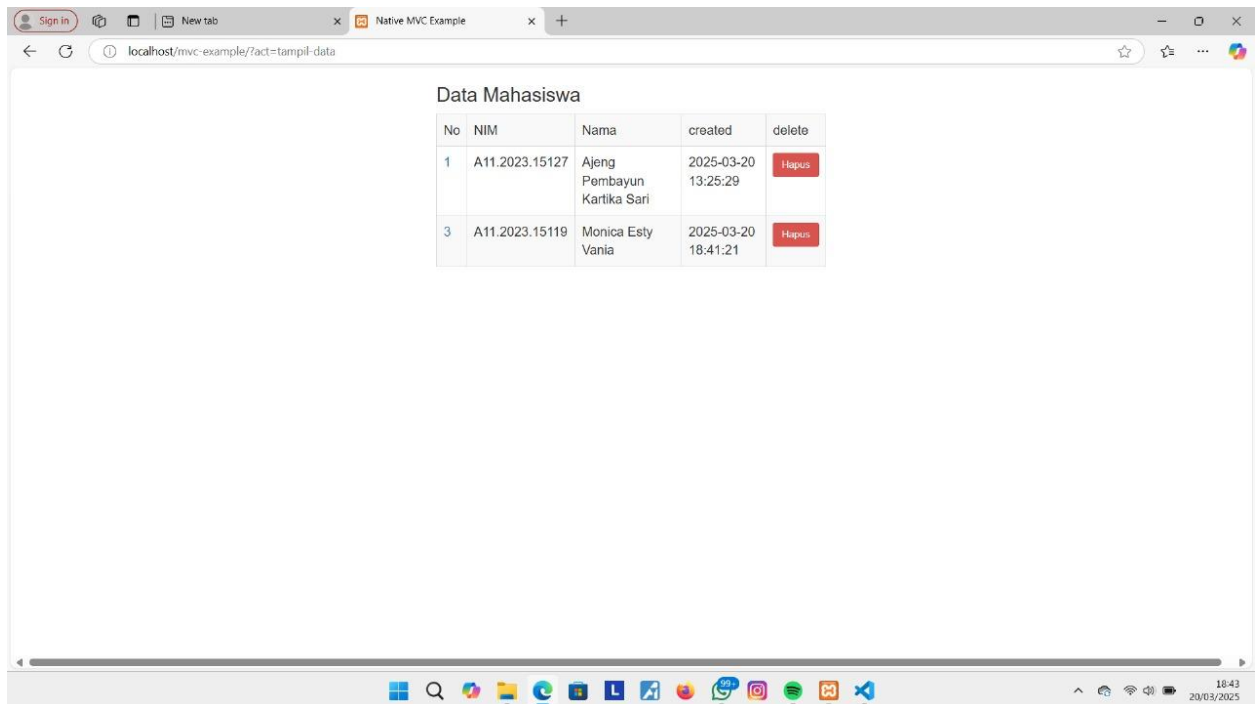
The screenshot shows a web browser window with the title "Native MVC Example". The address bar displays "localhost/mvc-example/index.php". The page content includes a heading "Isikan data Anda di sini" (Fill in your data here). Below the heading are two input fields: "NIM" and "Nama". Both fields are empty. A "Submit" button is located below the "Nama" field. At the bottom of the form, there is a link labeled "Lihat Hasil Input" (View Input Result). The browser's taskbar at the bottom shows various application icons and the system clock indicating 18:42 on 20/03/2025.

1.2. input data

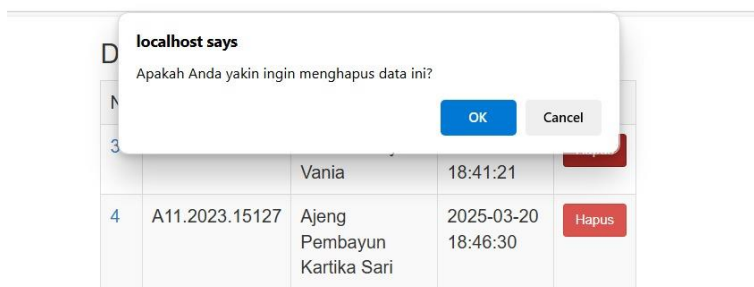


The screenshot shows the same web browser window as before, but now with data entered into the input fields. The "NIM" field contains the text "A11.2023.1511" and the "Nama" field contains the text "Monica Esty Vania". The "Submit" button and the "Lihat Hasil Input" link remain visible. The browser's taskbar at the bottom shows the same application icons and the system clock indicating 18:41 on 20/03/2025.

1.3. Tampilan data



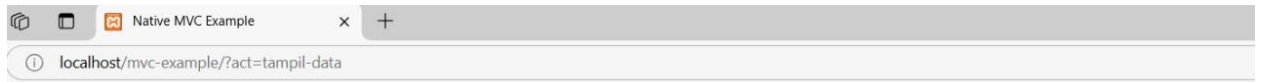
1.4. Tampilan ketika data ingin dihapus



1.5. Tampilan data ketika berhasil dihapus



1.6. Tampilan akhir



Data Mahasiswa

No	NIM	Nama	created	delete
4	A11.2023.15127	Ajeng Pembayun Kartika Sari	2025-03-20 18:46:30	Hapus