



Native

PHP: Hypertext Preprocessor

Simpan Data ke Database

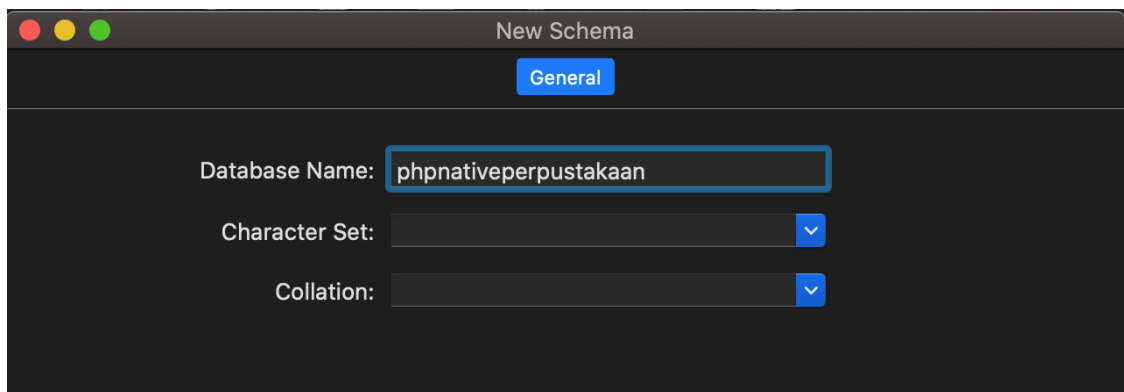
Materi sebelumnya kita mendesain tampilan dan form buku tamu website Perpustakaan, kemudian di materi berikut ini merupakan cara agar inputan fom tersebut masuk ke database.

Database

Database yang digunakan pada kasus berikut adalah MySQL.

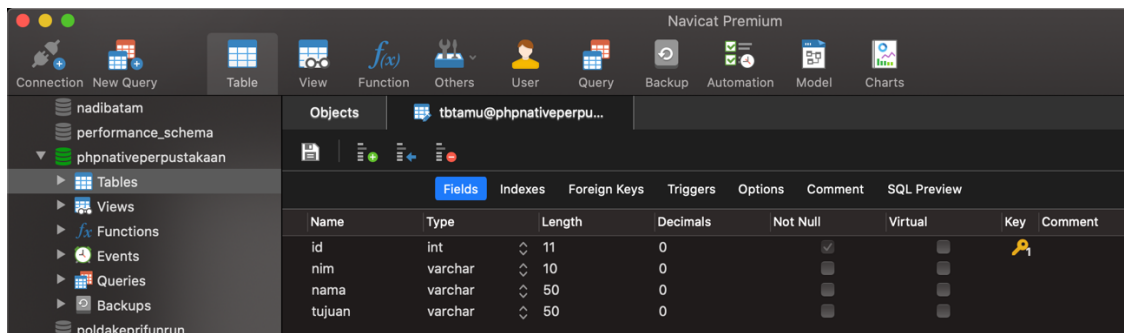
1. Buat Database

Buat database baru dengan nama **phpnativeperpustakaan**.



2. Buat Table

Buat table dengan nama **tbttamu** dan tentukan field beserta tipe datanya.



PHP : Insert Database

Selanjutnya setelah database dibuat, saatnya *coding* PHP-nya.

1. File connection.php

Buat file baru dengan nama connection.php di dalam folder project **perpustakaan**.

```
connection.php X
perpustakaan > connection.php
1 <?php
2 $servername = "127.0.0.1";
3 $username = "root";
4 $password = "12345678";
5 $dbname = "phpnativeperpustakaan";
6
7 // Buat koneksi
8 $conn = mysqli_connect($servername, $username, $password, $dbname);
9
10 // Cek koneksi
11 if (!$conn) {
12     die("Connection failed: " . mysqli_connect_error());
13 }
14
15 ?=
```

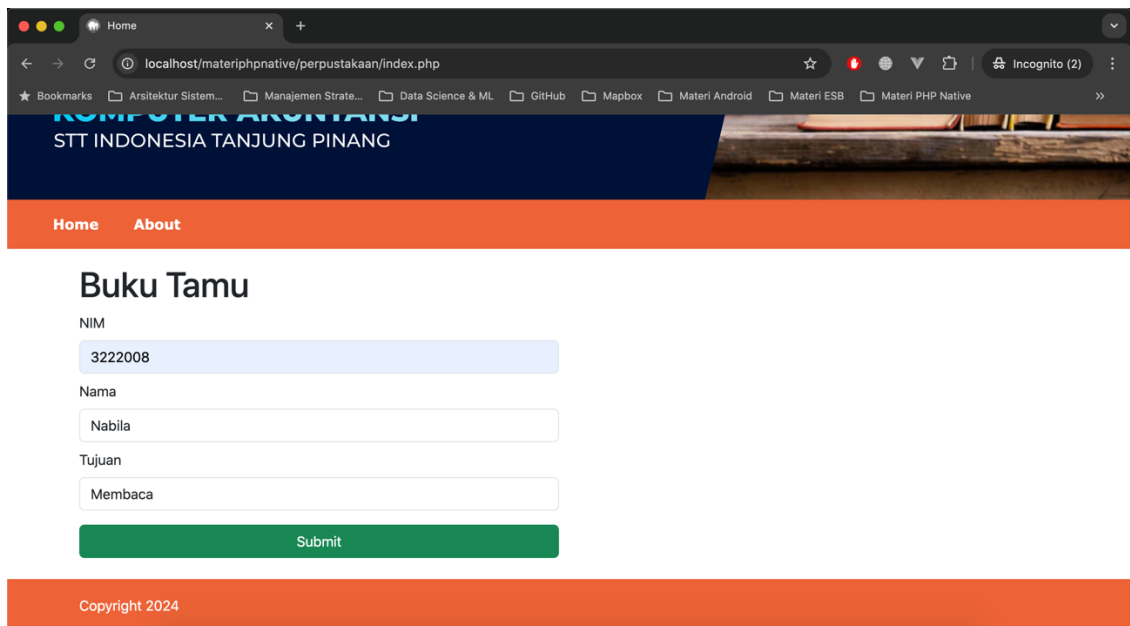
2. File index.php

Modifikasi file index.php seperti berikut.

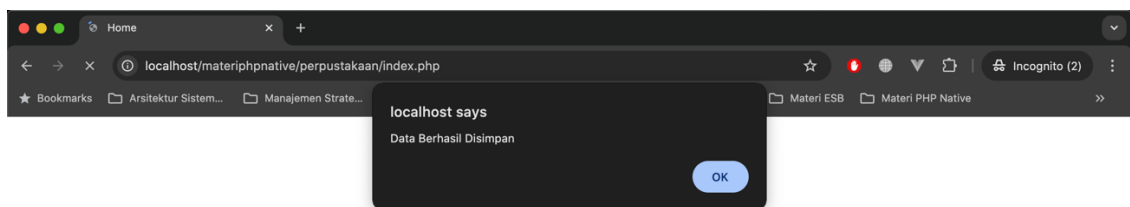
```
index.php X
perpustakaan > index.php
56 </body>
57 </html>
58
59 <?php
60 if ($_SERVER["REQUEST_METHOD"] == "POST") {
61     include_once "connection.php";
62
63     $nim = $_POST["nim"];
64     $nama = $_POST["nama"];
65     $tujuan = $_POST["tujuan"];
66
67     $sql = "INSERT INTO tbttamu (nim, nama, tujuan) VALUES ('$nim', '$nama', '$tujuan')";
68     if (mysqli_query($conn, $sql)) {
69         ?>
70         <script>
71             alert("Data Berhasil Disimpan");
72             window.location = "index.php";
73         </script>
74     } else {
75         ?>
76         <script>
77             alert("Data Gagal Disimpan");
78         </script>
79     }
80 }
81
82 }
83 ?=
84
```

3. Hasil

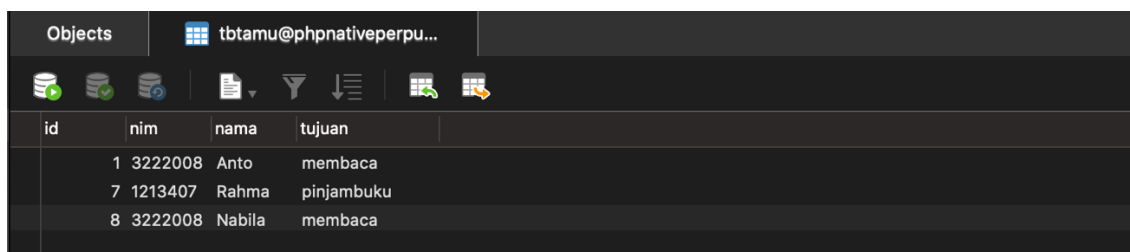
Buka browser dan tes hasilnya.



The screenshot shows a web browser window with the URL `localhost/materiphpnative/perpustakaan/index.php`. The page has a dark blue header with the text "KOMPUTER ARSISTASI STT INDONESIA TANJUNG PINANG". Below the header is an orange navigation bar with "Home" and "About" links. The main content area is titled "Buku Tamu" (Guest Book). It contains a form with the following fields: "NIM" (with the value "3222008"), "Nama" (with the value "Nabila"), and "Tujuan" (with the value "Membaca"). A green "Submit" button is at the bottom of the form. Below the form is an orange footer bar with the text "Copyright 2024".



Anda bisa mengecek database untuk melihat data yang masuk.



The screenshot shows a database table view with the title "Objects" and the table name "tbtamu@phpnativeperpu...". The table has four columns: "id", "nim", "nama", and "tujuan". The table contains three rows of data.

id	nim	nama	tujuan
1	3222008	Anto	membaca
7	1213407	Rahma	pinjambuku
8	3222008	Nabila	membaca