**PORTAL KESEHATAN DIGITAL**



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**FRAME WORK BASE**

**2025**

**ROLE DAN FITUR-FITURNYA**

1. Admin

* Mengelola akun dokter,pasien,petugas laboratorium,penulis konten

1. Dokter

* Melihat daftar pasien

1. Pasien

* Melihat profil dokter
* Melihat hasil laboratorium

1. Petugas laboratorium

* Menambahkan hasil laboratorium

1. Penulis konten

* Menulis dan mengelola artikel kesehatan

**TABEL-TABEL DATABASE BESERTA FIELD DAN TIPE DATANYA**

1. Tabel admin

|  |  |  |
| --- | --- | --- |
| **Nama field** | **Tipe data** | **Keterangan** |
| admin\_id | BIGINT | Primary key |
| username | VARCHAR | Unik |
| password | VARCHAR | - |
| email | VARCHAR | Unik |
| timestamps | TIMESTAMP | Waktu buat & update |

2. Tabel dokter

|  |  |  |
| --- | --- | --- |
| **Nama field** | **Tipe data** | **Keterangan** |
| dokter\_id | BIGINT | Primary key |
| username | VARCHAR | Unik |
| password | VARCHAR | - |
| email | VARCHAR | Unik |
| nama | VARCHAR | Nama dokter |
| spesialisasi | VARCHAR | Spesialisasi dokter |
| no\_hp | VARCHAR | No HP |
| bio | TEXT | Biodata |
| timestamps | TIMESTAMP | Waktu buat & update |

3. Tabel pasien

|  |  |  |
| --- | --- | --- |
| **Nama field** | **Tipe data** | **Keterangan** |
| pasien\_id | BIGINT | Primary key |
| username | VARCHAR | Unik |
| password | VARCHAR | - |
| email | VARCHAR | Unik |
| nama | VARCHAR | Nama pasien |
| tanggal\_lahir | DATE | Tanggal lahir |
| jenis\_kelamin | ENUM | male/female |
| no\_hp | VARCHAR | No HP |
| alamat | TEXT | Alamat |
| timestamps | TIMESTAMP | Waktu buat & update |

4. Tabel petugas\_laboratorium

|  |  |  |
| --- | --- | --- |
| **Nama field** | **Tipe data** | **Keterangan** |
| petugas\_id | BIGINT | Primary key |
| username | VARCHAR | Unik |
| password | VARCHAR | - |
| email | VARCHAR | Unik |
| nama | VARCHAR | Nama petugas |
| no\_hp | VARCHAR | No HP |
| timestamps | TIMESTAMP | Waktu buat & update |

5. Tabel penulis\_konten

|  |  |  |
| --- | --- | --- |
| **Nama field** | **Tipe data** | **Keterangan** |
| penulis\_id | BIGINT | Primary key |
| username | VARCHAR | Unik |
| password | VARCHAR | - |
| email | VARCHAR | Unik |
| nama | VARCHAR | Nama penulis |
| bio | TEXT | Biodata |
| timestamps | TIMESTAMP | Waktu buat & update |

6. Tabel hasil\_lab

|  |  |  |
| --- | --- | --- |
| **Nama field** | **Tipe data** | **Keterangan** |
| hasil\_id | BIGINT | Primary key |
| pasien\_id | BIGINT | Foreign key ke pasien |
| petugas\_id | BIGINT | Foreign key ke petugas\_laboratorium |
| nama\_tes | VARCHAR | Nama tes lab |
| hasil | TEXT | Hasil lab |
| tanggal\_tes | DATE | Tanggal tes |
| timestamps | TIMESTAMP | Waktu buat & update |

**JENIS RELASI DAN TABEL YANG BERELASI**

1. Pasien → Dokter (Many-to-Many, lewat tabel pivot dokter\_pasien)
2. Pasien → HasilLab (One-to-Many, pasien punya banyak hasil lab)
3. PetugasLaboratorium → HasilLab (One-to-Many, petugas mencatat banyak hasil lab)
4. PenulisKonten → Artikel (One-to-Many, penulis menulis banyak artikel)