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| --- | --- | --- | --- | --- |
| user | | | | |
| Nama Field | Tipe Data | Ukuran | Key | Keterangan |
| kode\_pegawai | varchar | 20 | Primary | Kode Pegawai / petugas |
| nama\_pegawai | varchar | 70 | Not null | Nama lengkap pegawai |
| username | varchar | 10 | Not null | username pegawai |
| Password | varchar | 16 | Not null | password login |
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|  |  |  |  |  |
| tabel\_organisasi | | | | |
| Nama Field | Tipe Data | Ukuran | Key | Keterangan |
| org\_id | varchar | 20 | Primary | id organisasi kampus |
| org\_nama | varchar | 70 | Not null | nama organisasi kampus |
| org\_id\_pengurus | bigint | 16 | Foreign | id pengurus organisasi kampus |
| org\_tgl | date |  | Not null | tgl organisasi kampus |
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|  |  |  |  |  |
| tabel\_mahasiswa | | | | |
| Nama Field | Tipe Data | Ukuran | Key | Keterangan |
| mhs\_nim (pk) | bigint | 16 | Primary | nim mahasiswa |
| mhs\_nama | varchar | 70 | Not null | nama mahasiswa |
| mhs\_gender | varchar | 10 | Not null | gender mahasiswa |
| mhs\_id\_org | varchar | 20 | Foreign + Nullable | id organisasi yang dimasuki oleh mahasiswa |
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|  |  |  |  |  |
| tabel\_pinjam | | | | |
| Nama Field | Tipe Data | Ukuran | Key | Keterangan |
| kode\_pinjam (pk) | varchar | 20 | Primary | kode peminjaman barang |
| id\_barang (fk) | varchar | 20 | Foreign | id barang yang dipinjam |
| nim\_peminjam (fk) | bigint | 16 | Foreign | nim si peminjam barang |
| id\_organisasi (fk) | varchar | 20 | Foreign | id organisasi yang meminjam |
| status\_barang (fk) | varchar | 10 | Foreign | kode status status |
| Tgl\_pinjam | date |  | Not null | Tanggal barang dipinjam |
| Tgl\_kembali | date |  | Not null | Tanggal barang harus dikembalikan |

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| kategori\_barang | | | | |
| Nama Field | Tipe Data | Ukuran | Key | Keterangan |
| kode\_kategori (pk) | varchar | 10 | Primary | kode kategori barang |
| nama\_kategori | varchar | 20 | Not null | nama kategori barang |
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|  |  |  |  |  |
| status\_barang | | | | |
| Nama Field | Tipe Data | Ukuran | Key | Keterangan |
| kode\_status (pk) | varchar | 10 | Primary | kode status barang |
| nama\_status | varchar | 15 | Not null | status barang |
|  |  |  |  |  |
|  |  |  |  |  |
| fasilitas | | | | |
| Nama Field | Tipe Data | Ukuran | Key | Keterangan |
| kode\_fasilitas (pk) | varchar | 10 | Primary | kode fasilitas dimana barang disimpan |
| nama\_fasilitas | varchar | 30 | Not null | nama fasilitas tempat barang berada |
| lokasi\_fasilitas | text | 150 | Not null | lokasi fasilitas sekaligus tempat barang berada |
|  |  |  |  |  |
|  |  |  |  |  |
| tabel\_barang | | | | |
| Nama Field | Tipe Data | Ukuran | Key | Keterangan |
| kode\_barang (pk) | varchar | 20 | Primary | kode barang |
| nama\_barang | varchar | 20 | Not null | nama barang |
| warna\_barang | varchar | 12 | Not null | warna barang |
| deskripsi\_barang | text | 60 | Not null | deskripsi barang |
| harga\_barang | int | 10 | Not null | harga barang |
| kode\_fasilitas (fk) | varchar | 10 | Foreign | kode fasilitas dimana barang berada |
| kategori\_barang (fk) | varchar | 10 | Foreign | kategori barang |
| tgl\_masuk | date |  | Not null | tanggal barang masuk |