**Tabel 4.12 Struktur Tabel *User***

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_user | int(5) | *Primary Key* |
| 2 | username | varchar(25) |  |
| 3 | password | varchar(50) |  |
| 4 | password\_default | int(1) |  |
| 5 | level | int(1) |  |
| 6 | terakhir\_login | datetime |  |

**Tabel 4.13 Struktur Tabel Admin Matrikulasi**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_adminmatrikulasi | int(5) | *Primary Key* |
| 2 | id\_user | int(5) | *Foreign Key* |
| 3 | nama | varchar(50) |  |
| 4 | gender | varchar(6) |  |
| 5 | foto | varchar(255) |  |

**Tabel 4.14 Struktur Tabel Pimpinan**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_pimpinan | int(5) | *Primary Key* |
| 2 | id\_user | int(5) | *Foreign Key* |
| 3 | nama | varchar(50) | *no* |
| 4 | gender | varchar(6) | *no* |
| 5 | foto | varchar(255) | *no* |

**Tabel 4.15 Struktur Tabel Mahasiswa**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_mahasiswa | int(5) | *Primary Key* |
| 2 | id\_user | int(5) | *Foreign Key* |
| 3 | nama | varchar(50) |  |
| 4 | gender | varchar(6) |  |
| 5 | angkatan | int(2) |  |
| 6 | kota\_asal | varchar(25) |  |
| 7 | tanggal\_lahir | date |  |
| 8 | email | varchar(35) |  |
| 9 | telepon | varchar(13) |  |
| 10 | foto | varchar(255) |  |

**Tabel 4.16 Struktur Tabel Orang Tua Mahasiswa**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_orang\_tua | int(5) | *Primary Key* |
| 2 | id\_user | int(5) | *Foreign Key* |
| 3 | id\_mahasiswa | int(5) | *Foreign Key* |
| 4 | nama | varchar(50) |  |
| 5 | alamat | varchar(255) |  |
| 6 | telepon | varchar(13) |  |
| 7 | foto | varchar(255) |  |

**Tabel 4.17 Struktur Tabel Pembina Mahasiswa**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_pembina | int(5) | *Primary Key* |
| 2 | id\_user | int(5) | *Foreign Key* |
| 3 | nama | varchar(50) |  |
| 4 | gelar | varchar(20) |  |
| 5 | gender | varchar(6) |  |
| 6 | telepon | varchar(13) |  |
| 7 | email | varchar(50) |  |
| 8 | foto | varchar(255) |  |

**Tabel 4.17 Struktur Tabel Mahasiswa Binaan**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_mahasiswa | int(5) | *Foreign Key* |
| 2 | id\_pembina | int(5) | *Foreign Key* |

**Tabel 4.18 Struktur Tabel Semester**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_semester | int(3) | *Primary Key* |
| 2 | angkatan | int(2) |  |
| 3 | semester | int(1) |  |
| 4 | tanggal\_dari | date |  |
| 5 | anggal\_sampai | date |  |

**Tabel 4.19 Struktur Tabel Periode**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_periode | int(4) | *Primary Key* |
| 2 | tanggal\_dari | date |  |
| 3 | anggal\_sampai | date |  |

**Tabel 4.20 Struktur Tabel Jadwal Pulang**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_periode | int(4) | *Foreign Key* |
| 2 | tanggal | date |  |
| 3 | gender | varchar(6) |  |
| 4 | shubuh | int(1) |  |
| 5 | dzuhur | int(1) |  |
| 6 | ashar | int(1) |  |
| 7 | maghrib | int(1) |  |
| 8 | isya | int(1) |  |

**Tabel 4.21 Struktur Tabel Presensi Shalat**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_mahasiswa | int(5) | *Primary Key* |
| 2 | id\_periode | int(4) | *Foreign Key* |
| 3 | shubuh | time |  |
| 4 | dzuhur | time |  |
| 5 | ashar | time |  |
| 6 | maghrib | time |  |
| 7 | isya | time |  |

**Tabel 4.22 Struktur Tabel Udzur Shalat**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_udzur | int(8) | *Primary Key* |
| 2 | id\_mahasiswa | int(5) | *Foreign Key* |
| 3 | tanggal | date |  |
| 4 | waktu\_shalat | varchar(7) |  |
| 5 | udzur | varchar(12) |  |
| 6 | diajukan | datetime |  |
| 7 | disetujui | datetime |  |
| 8 | direview | datetime |  |

**Tabel 4.23 Struktur Tabel Presensi Manual Shalat**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_shalat\_manual | int(8) | *Primary Key* |
| 2 | id\_mahasiswa | int(5) | *Foreign Key* |
| 3 | tanggal | date | *no* |
| 4 | waktu\_shalat | varchar(7) | *no* |
| 5 | keterangan | varchar(5) | *no* |
| 6 | diajukan | datetime | *no* |
| 7 | disetujui | datetime | *no* |
| 8 | direview | datetime | *no* |

**Tabel 4.24 Struktur Tabel Ta’lim Rutin**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_talim\_rutin | int(5) | *Primary Key* |
| 2 | talim\_rutin | varchar(14) |  |
| 3 | tanggal | date |  |
| 4 | keterangan | varchar(100) |  |

**Tabel 4.25 Struktur Tabel Presensi Ta’lim Rutin**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_talim\_rutin | int(5) | *Foreign Key* |
| 2 | id\_mahasiswa | int(5) | *Foreign Key* |

**Tabel 4.26 Struktur Tabel Udzur Ta’lim Rutin**

| **No** | **Nama Kolom** | **Tipe Data** | **Size** | **Indeks** |
| --- | --- | --- | --- | --- |
| 1 | id\_udzur | int(8) | 11 | *Primary Key* |
| 2 | id\_talim\_rutin | int(5) | 11 | *Foreign Key* |
| 3 | id\_mahasiswa | int(5) | 11 | *Foreign Key* |
| 4 | udzur | varchar(12) | 12 |  |
| 5 | diajukan | datetime |  |  |
| 6 | disetujui | datetime |  |  |
| 7 | direview | datetime |  |  |

**Tabel 4.27 Struktur Tabel Ta’lim Pembina**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_talim\_pembina | int(5) | *Primary Key* |
| 2 | id\_pembina | int(5) | *Foreign Key* |
| 3 | tanggal | date |  |
| 4 | deskripsi | varchar(100) |  |

**Tabel 4.27 Struktur Tabel Presensi Ta’lim Pembina**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_talim\_pembina | int(5) | *Primary Key* |
| 2 | id\_mahasiswa | int(5) | *Foreign Key* |

**Tabel 4.28 Struktur Tabel Udzur Ta’lim Pembina**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_udzur | int(8) | *Primary Key* |
| 2 | id\_talim\_pembina | int(5) | *Foreign Key* |
| 3 | id\_mahasiswa | int(5) | *Foreign Key* |
| 4 | udzur | varchar(12) |  |
| 5 | diajukan | datetime |  |
| 6 | disetujui | datetime |  |
| 7 | direview | datetime |  |

**Tabel 4.30 Struktur Tabel Tahsin**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_tahsin | int(5) | *Primary Key* |
| 2 | id\_ pembina | int(5) | *Foreign Key* |
| 3 | tanggal | date |  |
| 4 | deskripsi | varchar(100) |  |

**Tabel 4.31 Struktur Tabel Presensi Tahsin**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_tahsin | int(5) | *Foreign Key* |
| 2 | id\_ mahasiswa | int(5) | *Foreign Key* |

**Tabel 4.32 Struktur Tabel Udzur Tahsin**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_udzur | int(8) | *Primary Key* |
| 2 | id\_tahsin | int(5) | *Foreign Key* |
| 3 | id\_mahasiswa | int(5) | *Foreign Key* |
| 4 | udzur | varchar(12) |  |
| 5 | diajukan | datetime |  |
| 6 | disetujui | datetime |  |
| 7 | direview | datetime |  |

**Tabel 4.33 Struktur Tabel Juz**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | no\_juz | int(2) | *Primary Key* |
| 2 | deskripsi | varchar(20) |  |

**Tabel 4.34 Struktur Tabel Surah**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | no\_surah | int(3) | *Primary Key* |
| 2 | no\_juz | int(2) | *Foreign Key* |
| 3 | nama\_surah | varchar(20) |  |
| 4 | jumlah\_ayat | int(3) |  |

**Tabel 4.35 Struktur Target Hafalan**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_target\_hafalan | int(3) | *Primary Key* |
| 2 | no\_juz | int(2) | *Foreign Key* |
| 3 | id\_semester | int(3) | *Foreign Key* |

**Tabel 4.36 Struktur Tabel Setor Hafalan**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_setor\_hafalan | int(8) | *Primary Key* |
| 2 | id\_mahasiswa | int(5) | *Foreign Key* |
| 3 | no\_surah | int(3) | *Foreign Key* |
| 4 | keterangan | varchar(35) |  |
| 5 | tanggal\_setor | date |  |
| 6 | waktu\_input | datetime |  |

**Tabel 4.37 Struktur Tabel Jenis Pelanggaran**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_jenis\_pelanggaran | int(2) | *Primary Key* |
| 2 | jenis\_pelanggaran | varchar(255) |  |
| 3 | deskripsi | varchar(255) |  |

**Tabel 4.38 Struktur Tabel Sanksi**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_sanksi | int(2) | *Primary Key* |
| 2 | sanksi | varchar(100) |  |
| 3 | bobot | int(2) |  |

**Tabel 4.39 Struktur Tabel Sanksi Jenis Pelanggaran**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_sanksi\_jenis\_pelanggaran | int(2) | *Primary Key* |
| 2 | id\_jenis\_pelanggaran | int(2) | *Foreign Key* |
| 3 | id\_sanksi | int(2) | *Foreign Key* |

**Tabel 4.40 Struktur Tabel Pelanggaran Mahasiswa**

| **No** | **Nama Kolom** | **Tipe Data** | **Indeks** |
| --- | --- | --- | --- |
| 1 | id\_pelanggaran | int(8) | *Primary Key* |
| 2 | id\_mahasiswa | int(5) | *Foreign Key* |
| 3 | id\_sanksi\_jenis\_pelanggaran | int(2) | *Foreign Key* |
| 4 | keterangan | varchar(255) | *no* |
| 5 | tanggal | date | *no* |
| 6 | waktu\_input | datetime | *no* |