rise

harisenin
Bootcamp
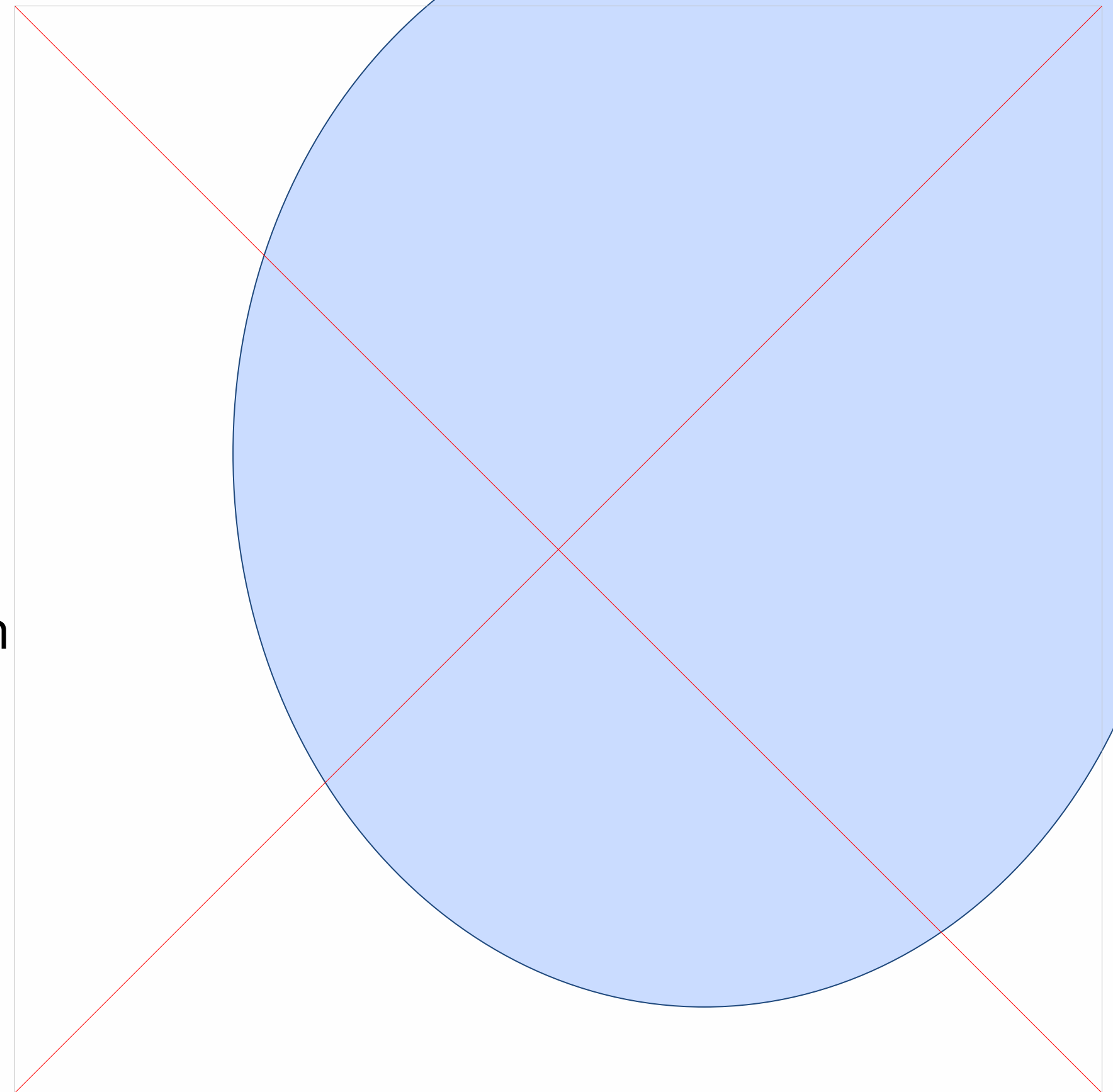# Full Stack Developer

Judul Mission : BE Intermediate 1

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#JadiYangKamuMau

Mission BE Intermediate 1
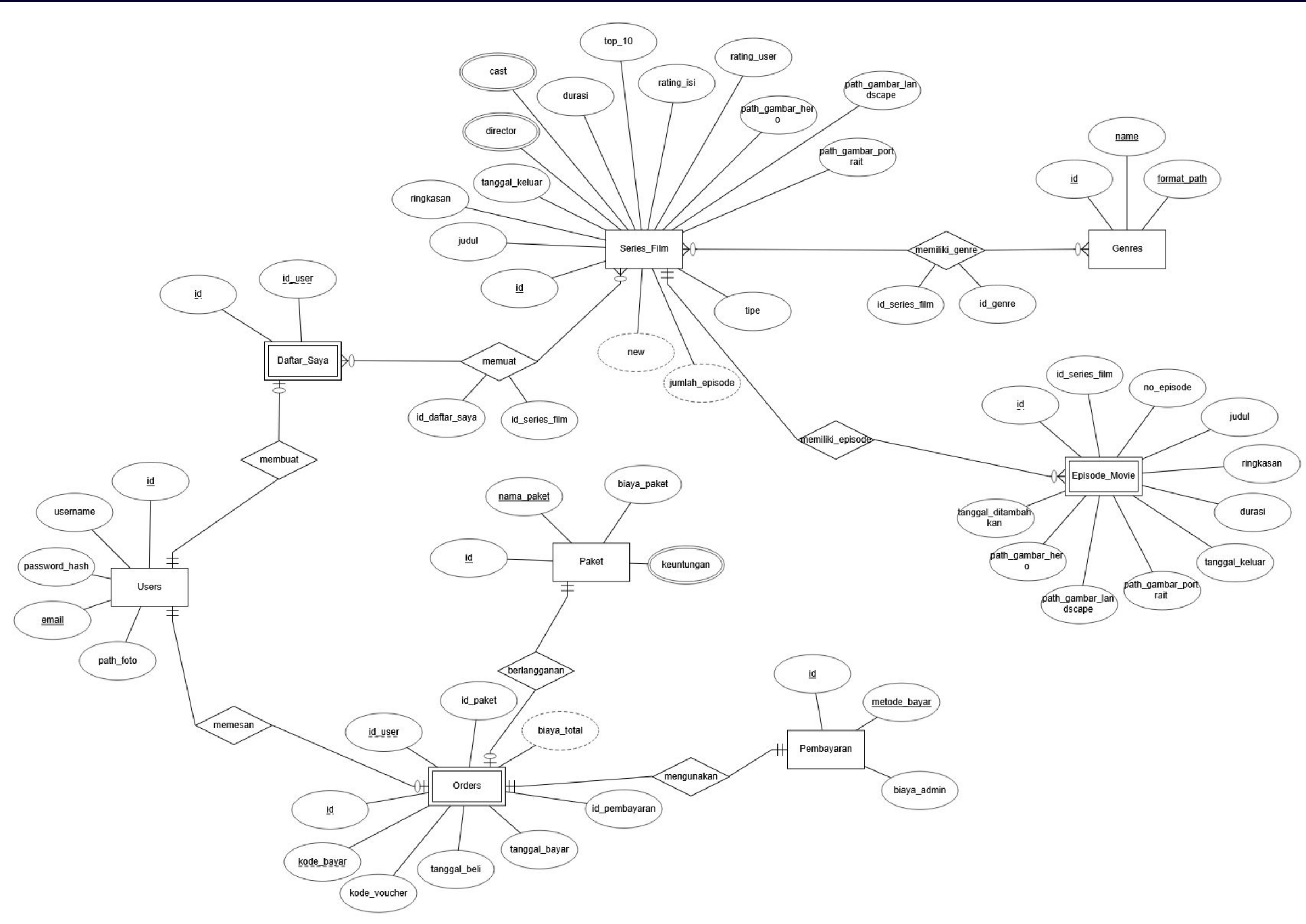
Github:
https://github.com/mfatihz/fsd15-be-int1

Rancangan ERD

SQL

```sql
CREATE DATABASE chill_app;
USE chill_app;


-- tabel: users
CREATE TABLE users (
    id_user INT AUTO_INCREMENT PRIMARY KEY,
    username VARCHAR(255) NOT NULL,
    email VARCHAR(255) NOT NULL,
    password_hash CHAR(60) NOT NULL, -- bcrypt
    path_foto VARCHAR(255),
    CONSTRAINT unique_email UNIQUE (email)
);
```

SQL

```sql
-- tabel: daftar_saya
CREATE TABLE daftar_saya (
    id_daftar_saya INT AUTO_INCREMENT PRIMARY KEY,
    id_user INT NOT NULL UNIQUE,
    FOREIGN KEY (id_user) REFERENCES users(id_user) ON DELETE CASCADE
);


-- tabel: series_film
-- atribut turunan (tidak perlu disimpan sebagai field): jumlah_episode, new
CREATE TABLE series_film (
    id_series_film INT AUTO_INCREMENT PRIMARY KEY,
    tipe ENUM('Series', 'Film') NOT NULL,
    judul VARCHAR(255) NOT NULL,
    ringkasan TEXT,
    tanggal_keluar DATE,
    cast TEXT,
    director VARCHAR(255),
    durasi INT,
    top_10 BOOLEAN DEFAULT FALSE,
    rating_isi DECIMAL(3,2),
    rating_penonton DECIMAL(3,2),
    path_gambar_hero VARCHAR(255),
    path_gambar_landscape VARCHAR(255),
    path_gambar_portrait VARCHAR(255)
);
```

SQL

```sql
-- tabel: memuat (junction-table antara daftar_saya dan series_film)
CREATE TABLE memuat (
    id_daftar_saya INT NOT NULL,
    id_series_film INT NOT NULL,
    PRIMARY KEY (id_daftar_saya, id_series_film),
    FOREIGN KEY (id_daftar_saya) REFERENCES daftar_saya(id_daftar_saya) ON DELETE CASCADE,
    FOREIGN KEY (id_series_film) REFERENCES series_film(id_series_film) ON DELETE CASCADE
);


-- tabel: genres
CREATE TABLE genres (
    id_genre INT AUTO_INCREMENT PRIMARY KEY,
    name VARCHAR(50) NOT NULL UNIQUE,
    format_path VARCHAR(50) NOT NULL UNIQUE
);


-- tabel: memiliki_genres (junction-table antara series_film dan genres)
CREATE TABLE memiliki_genres (
    id_series_film INT NOT NULL,
    id_genre INT NOT NULL,
    PRIMARY KEY (id_series_film, id_genre),
    FOREIGN KEY (id_series_film) REFERENCES series_film(id_series_film) ON DELETE CASCADE,
    FOREIGN KEY (id_genre) REFERENCES genres(id_genre) ON DELETE CASCADE
);
```

SQL

```sql
-- tabel: episode_movie
CREATE TABLE episode_movie (
    id_episode_movie INT AUTO_INCREMENT PRIMARY KEY,
    id_series_film INT NOT NULL,
    no_episode INT NOT NULL,
    tanggal_keluar DATE,
    judul VARCHAR(255) NOT NULL,
    ringkasan TEXT,
    durasi INT,
    tanggal_ditambahkan TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    path_gambar_hero VARCHAR(255),
    path_gambar_landscape VARCHAR(255),
    path_gambar_portrait VARCHAR(255),
    UNIQUE KEY (id_series_film, no_episode),
    FOREIGN KEY (id_series_film) REFERENCES series_film(id_series_film) ON DELETE CASCADE
);

-- tabel: paket
CREATE TABLE paket (
    id_paket INT AUTO_INCREMENT PRIMARY KEY,
    nama_paket VARCHAR(50) NOT NULL UNIQUE,
    biaya_paket DECIMAL(6) NOT NULL,
    keuntungan TEXT
);
```

SQL

```sql
-- tabel: pembayaran
CREATE TABLE pembayaran (
    id_pembayaran INT AUTO_INCREMENT PRIMARY KEY,
    metode_bayar VARCHAR(50) NOT NULL UNIQUE,
    biaya_admin DECIMAL(4) NOT NULL
);


-- tabel: orders
-- atribut turunan (tidak perlu disimpan sebagai field): biaya_total
CREATE TABLE `orders` (
    id_order INT AUTO_INCREMENT PRIMARY KEY,
    id_user INT NOT NULL,
    kode_bayar VARCHAR(50) NOT NULL UNIQUE,
    kode_voucher VARCHAR(50),
    id_paket INT NOT NULL,
    id_pembayaran INT NOT NULL,
    tanggal_beli DATETIME NOT NULL,
    tanggal_bayar DATETIME,
    FOREIGN KEY (id_user) REFERENCES users(id_user) ON DELETE CASCADE,
    FOREIGN KEY (id_paket) REFERENCES paket(id_paket),
    FOREIGN KEY (id_pembayaran) REFERENCES pembayaran(id_pembayaran)
);
```