

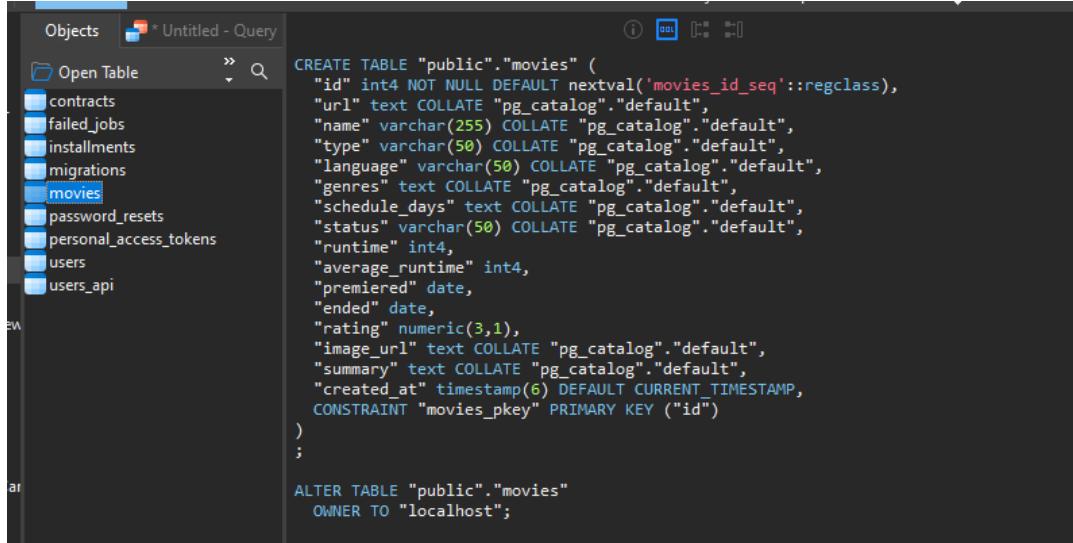
PT SIGMA CIPTA CARAKA CODING TEST

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POSITION : FULLSTACK DEVELOPER

GITHUB LINK CODE : [Rjndrkha/SigmaCipta](https://github.com/Rjndrkha/SigmaCipta)

1. In Here Im using Framework React + Node + Tailwind
2. Database Configuration to store integration sync Here im using POSTGRE

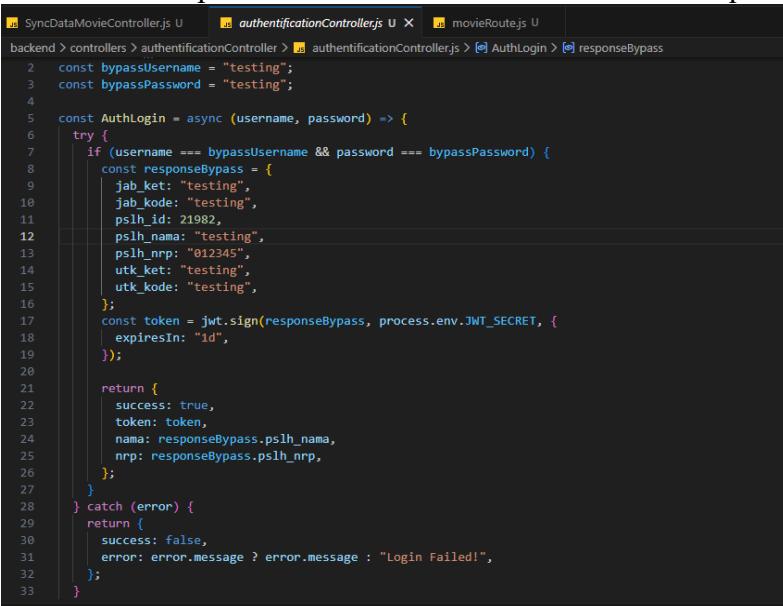


The screenshot shows the pgAdmin interface with the 'Objects' tab selected. A tree view on the left lists tables: contracts, failed_jobs, installments, migrations, movies, password_resets, personal_access_tokens, users, and users_api. The 'movies' table is highlighted. On the right, a query editor window displays the SQL code for creating the 'movies' table:

```
CREATE TABLE "public"."movies" (
    "id" int4 NOT NULL DEFAULT nextval('movies_id_seq'::regclass),
    "url" text COLLATE "pg_catalog"."default",
    "name" varchar(255) COLLATE "pg_catalog"."default",
    "type" varchar(50) COLLATE "pg_catalog"."default",
    "language" varchar(50) COLLATE "pg_catalog"."default",
    "genres" text COLLATE "pg_catalog"."default",
    "schedule_days" text COLLATE "pg_catalog"."default",
    "status" varchar(50) COLLATE "pg_catalog"."default",
    "runtime" int4,
    "average_runtime" int4,
    "premiered" date,
    "ended" date,
    "rating" numeric(3,1),
    "image_url" text COLLATE "pg_catalog"."default",
    "summary" text COLLATE "pg_catalog"."default",
    "created_at" timestamp(6) DEFAULT CURRENT_TIMESTAMP,
    CONSTRAINT "movies_pkey" PRIMARY KEY ("id")
);

ALTER TABLE "public"."movies"
OWNER TO "localhost";
```

3. Here Also I Implement JWT Token To Secure When Request Data

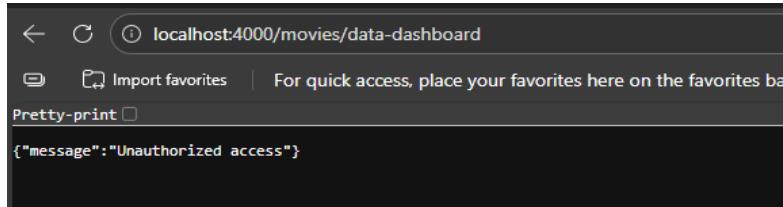


The screenshot shows a code editor with three tabs: SyncDataMovieController.js, authenticationController.js, and movieRoute.js. The authenticationController.js tab is active, showing the following code:

```
const bypassUsername = "testing";
const bypassPassword = "testing";

const AuthLogin = async (username, password) => {
  try {
    if (username === bypassUsername && password === bypassPassword) {
      const responseBypass = {
        jab_ket: "testing",
        jab.kode: "testing",
        pslh_id: 21982,
        pslh_nama: "testing",
        pslh_nrp: "012345",
        utk_ket: "testing",
        utk.kode: "testing",
      };
      const token = jwt.sign(responseBypass, process.env.JWT_SECRET, {
        expiresIn: "1d",
      });

      return {
        success: true,
        token: token,
        nama: responseBypass.pslh_nama,
        nrp: responseBypass.pslh_nrp,
      };
    }
  } catch (error) {
    return {
      success: false,
      error: error.message ? error.message : "Login Failed!",
    };
  }
}
```



The screenshot shows a browser window with the URL `localhost:4000/movies/data-dashboard`. The page content is:

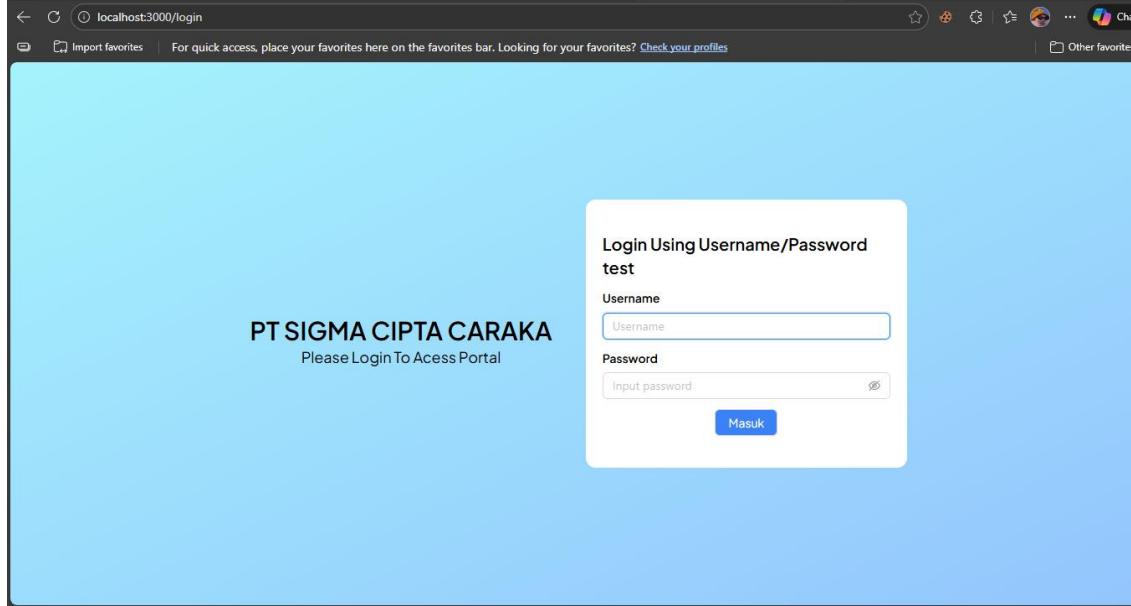
```
{"message": "Unauthorized access"}
```

4. API Documentation

GET localhost:4000/movies/sync-data : To SYNC Data
GET <http://localhost:4000/movies/data> : To GET Data
GET <http://localhost:4000/movies/data/:id> : To GET Detail Data
POST <http://localhost:4000/movies/create> : To CREATE Data
POST <http://localhost:4000/movies/update> : To UPDATE Data
DELETE <http://localhost:4000/movies/delete/:id> : To DELETE Data

GET localhost:4000/movies/data-dashboard : To GET Data Dashboard

5. Login Page



PT SIGMA CIPTA CARAKA
Please Login To Acess Portal

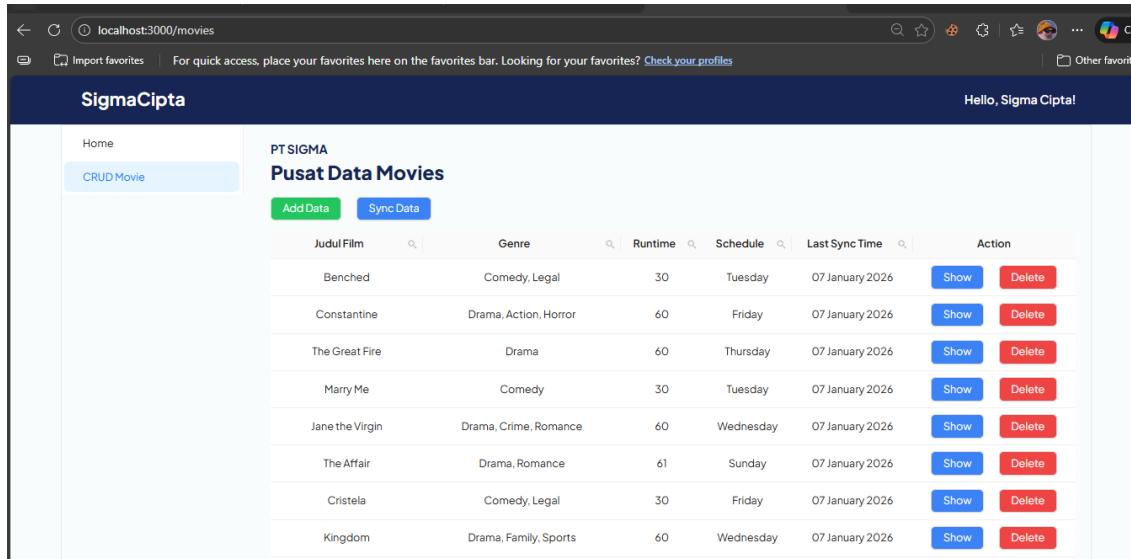
Login Using Username/Password test

Username

Password

Masuk

6. Table View



SigmaCipta

Hello, Sigma Cipta!

PTSIGMA
Pusat Data Movies

Judul Film	Genre	Runtime	Schedule	Last Sync Time	Action
Benchend	Comedy, Legal	30	Tuesday	07 January 2026	Show Delete
Constantine	Drama, Action, Horror	60	Friday	07 January 2026	Show Delete
The Great Fire	Drama	60	Thursday	07 January 2026	Show Delete
Marry Me	Comedy	30	Tuesday	07 January 2026	Show Delete
Jane the Virgin	Drama, Crime, Romance	60	Wednesday	07 January 2026	Show Delete
The Affair	Drama, Romance	61	Sunday	07 January 2026	Show Delete
Cristela	Comedy, Legal	30	Friday	07 January 2026	Show Delete
Kingdom	Drama, Family, Sports	60	Wednesday	07 January 2026	Show Delete

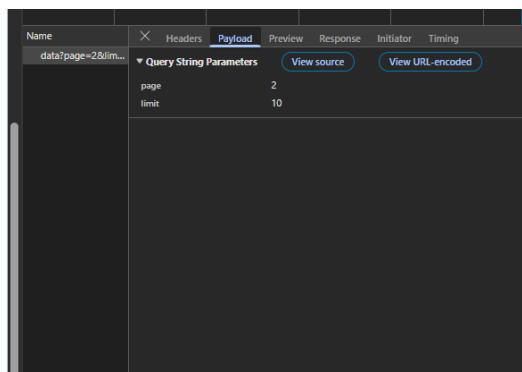
7. Filtering Data

Judul Film	Genre	Runtime	Schedule	Last Sync Time	Action
Benched	Search average_runtime	2026	Tuesday	07 January 2026	Show Delete
Constantine	Search average_runtime	2026	Friday	07 January 2026	Show Delete

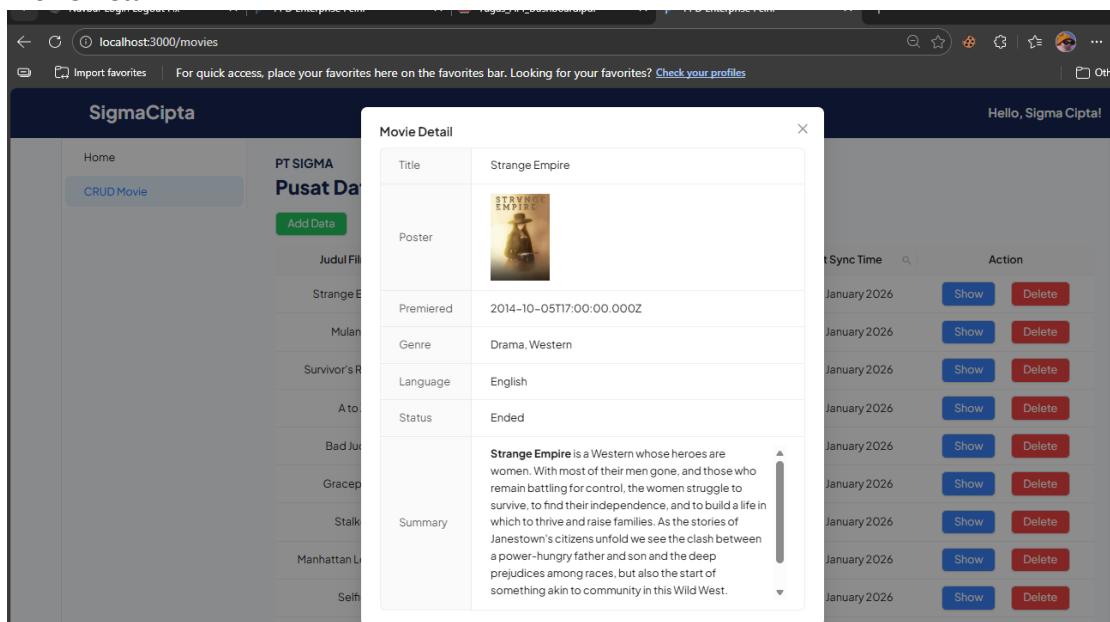
8. Pagination

Gracepoint	Drama, Crime, Mystery	60	Thursday	07 January 2026	Show	Delete
Stalker	Crime, Thriller	60	Wednesday	07 January 2026	Show	Delete
Manhattan Love Story	Comedy, Romance	30	Tuesday	07 January 2026	Show	Delete
Selfie	Comedy, Romance	30	Tuesday	07 January 2026	Show	Delete
Happyland	Drama, Comedy	60	Tuesday	07 January 2026	Show	Delete

< 1 2 3 4 *** 24 > 10 / page



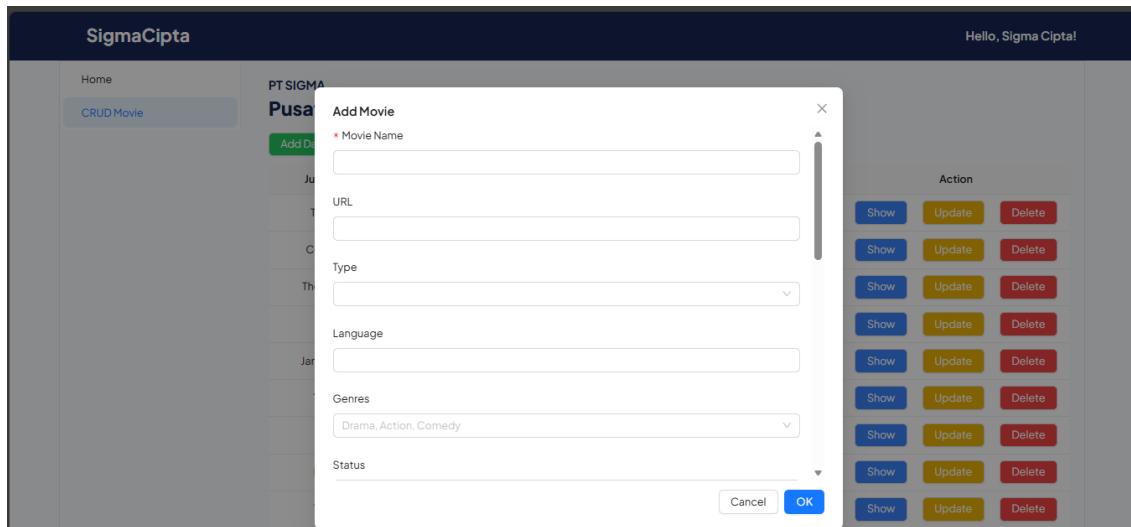
9. Movie Detail



The screenshot shows a modal window titled "Movie Detail" for the movie "Strange Empire". The modal displays the following information:

Title	Strange Empire
Poster	
Premiered	2014-10-05T17:00:00.000Z
Genre	Drama, Western
Language	English
Status	Ended
Summary	<p>Strange Empire is a Western whose heroes are women. With most of their men gone, and those who remain battling for control, the women struggle to survive, to find their independence, and to build a life in which to thrive and raise families. As the stories of Janestown's citizens unfold we see the clash between a power-hungry father and son and the deep prejudices among races, but also the start of something akin to community in this Wild West.</p>

10. Add Movie



11. Update Movie

The screenshot shows the SigmaCipta application's 'Update Movie' dialog box. The dialog has fields for 'Name' (TESTINGG123331), 'url' (TESTINGG), 'Type' (Scripted), 'Language' (TESTINGG), 'Status' (Running), 'Genres' (TESTINGG), and 'Schedule Days' (Thursday). To the right, a Network tab in a browser developer tools window shows a successful update request with a response message: 'Movie berhasil di update'.

12. Delete Data

The screenshot shows the SigmaCipta application's confirmation message: 'Movie berhasil dihapus'. Below it, the main interface shows a table with a single row for 'Survivor's Remorse' (Drama, Comedy, Sports, 30, Sunday, 07 January 2026). To the right, a Network tab in a browser developer tools window shows a successful delete request with a response message: 'Movie berhasil dihapus'.

13. Sync Data

The screenshot shows the SigmaCipta Pusat Data Movies application. A modal window displays a movie entry with fields: Judul Film (TESTINGG123331), Genre (TESTINGG), Runtime (30), Schedule (07 January 2026), and Action buttons (Show, Update). Above the modal, the main header says "Hello, Sigma Cipta!". To the right, the Network tab of a browser developer tools window is open, showing a GET request to "http://localhost:4000/movies-sync-data" with a status of 200 OK.

14. Dashboard Movie

The screenshot shows the SigmaCipta Dashboard Data Movies page. It features a calendar for January 2026 with the 8th selected. Below the calendar, a "Latest Data" section lists several movies: Strange Empire (Scripted), Benched (Scripted), State of Affairs (Scripted), The McCarthys (Scripted), and Mulaney (Scripted).

15. Chart

The screenshot shows the SigmaCipta chart dashboard. On the left, a summary box shows "Total Movies: 241" and "Most Category: Scripted". To the right, there are two charts: a "Movie By Genre" pie chart showing distribution across Scripted, Animation, Reality, Talk Show, and Documentary categories, and a "Daily Movies Trend" bar chart showing movie counts for three specific dates.