

# MOVIE-CATALOG MANAGEMENT

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**TEAM : TECHNO-VISION-KNIGHTS**

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The background of the entire page is a dark, atmospheric image. It features a close-up of a man's face, wearing dark sunglasses and having a beard, looking slightly to the left. Behind him, a city skyline at night is visible, with numerous lights from buildings and streets. The overall color palette is dark, with blues, greys, and the warm reds of the city lights and the CineHive logo.

**CineHive**

**Track films you've watched.  
Save those you want to see.  
Tell your friends what's  
good.**

Join the community of film enthusiasts today!

Login

Join CineHive

The social network for film lovers.

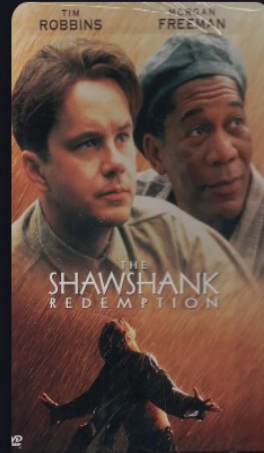
Home

Top Rated

By Language (English)



Vikram



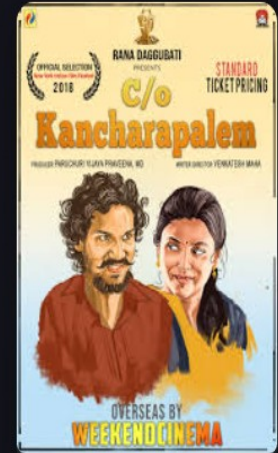
The Shawshank Redem...



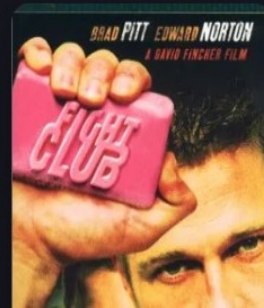
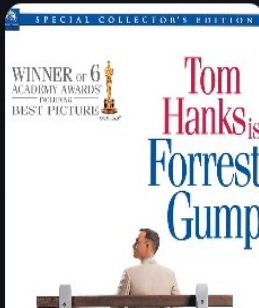
RRR



The Dark Knight



C/o Kancharapalem





# TECH-STACK

**REACT.JS**



**MYSQL**



**EXPRESS.JS**



**IMAGE HOSTING**

**CLOUDINARY**



# Why Do We Need This Website?



**Movie lovers**



**Easy access to ratings, reviews**



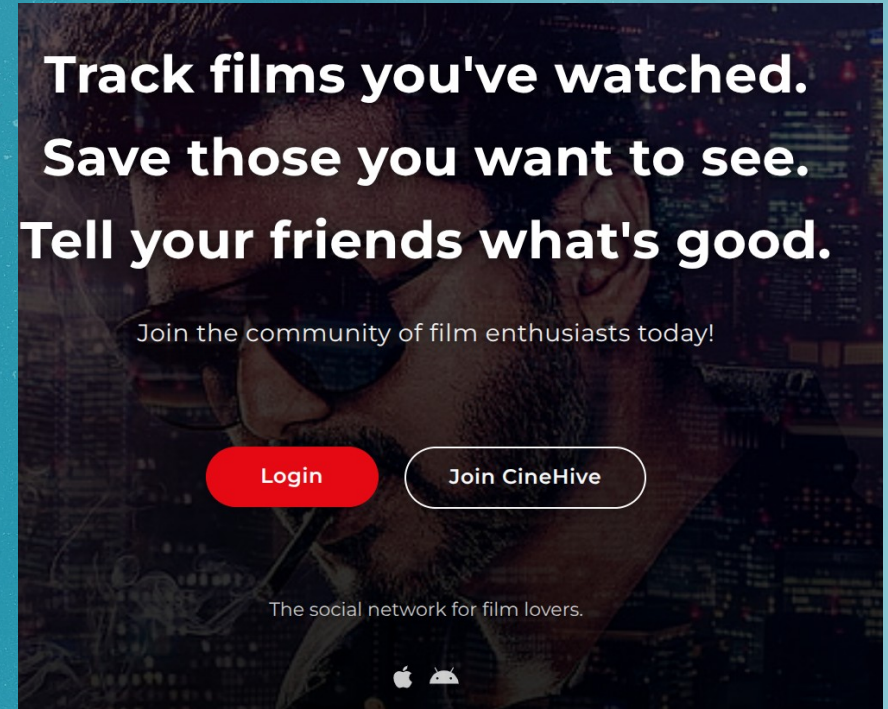
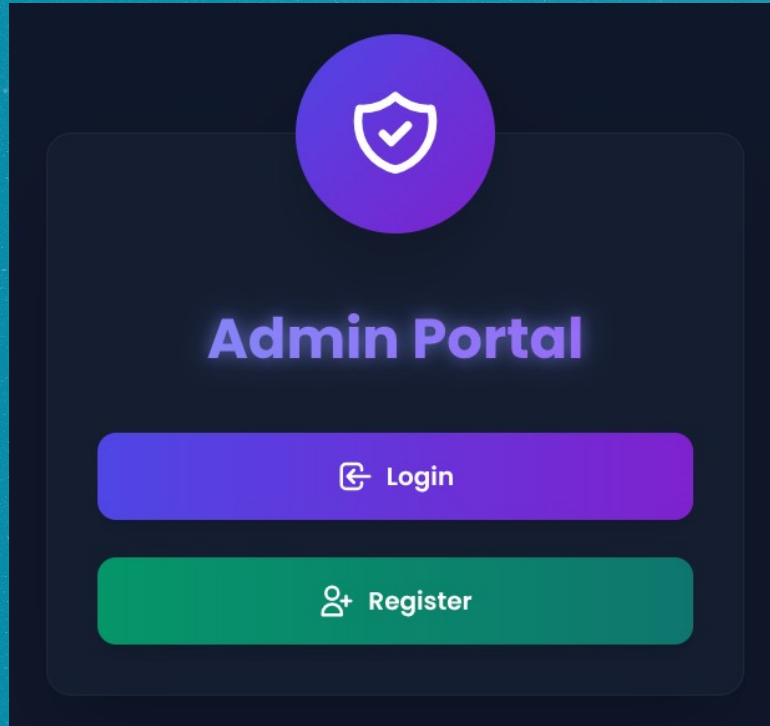
**Helps users track their favorite or planned movies**



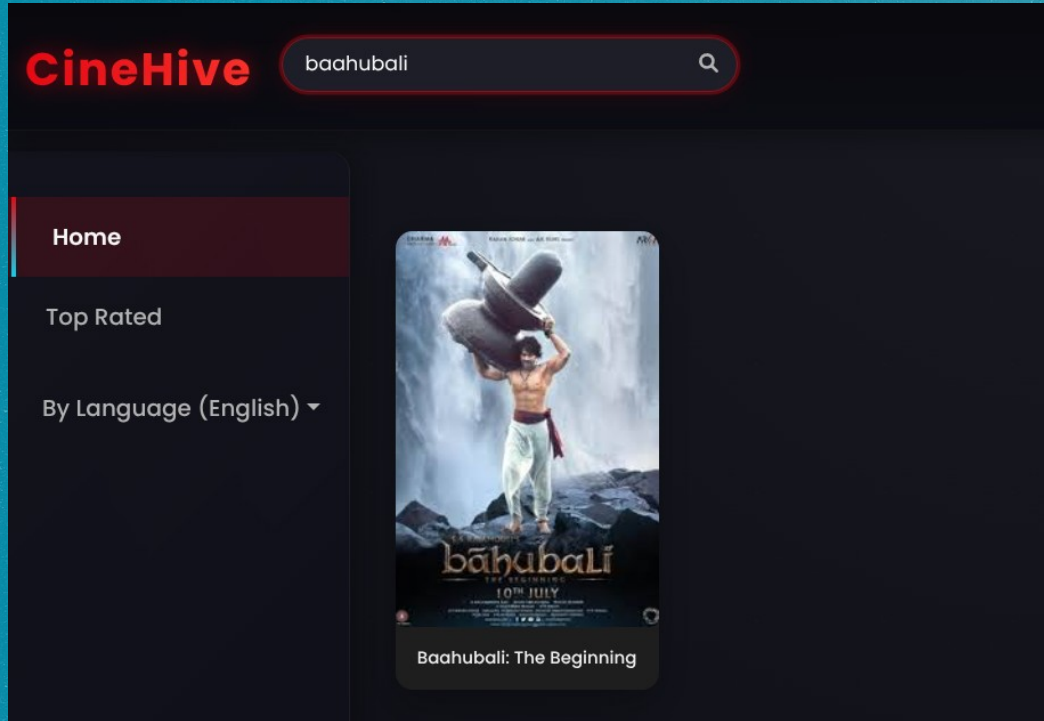
**Share opinions, discover what others think**



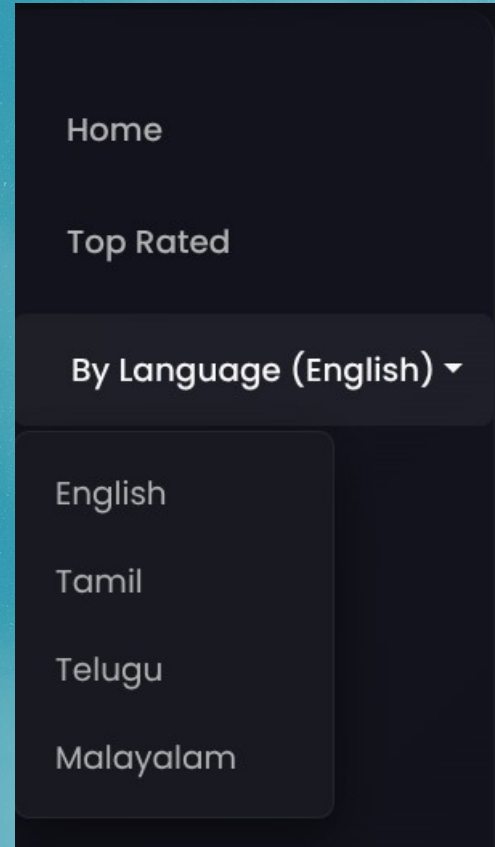
# ADMIN AND REGULAR\_USER



# SEARCH MOVIES



# FILTERS





# DETAILS OF THE MOVIE



## Vikram

★ 9.9 • 2022 • 175 min

India • Tamil

**Genres:** Action, Crime, Thriller

A special investigator discovers a case of serial killings is not what it seems to be, and leading down this path is only going to end in a war between everyone involved.

## Cast & Crew

Kamal Haasan - actor

Lokesh Kanagaraj - director

Reviews & Ratings

♥ Like

+ Watchlist



# REVIEWS / RATINGS

### User Reviews

No reviews yet. Be the first to share your thoughts!

### Add Your Review

Enjoyed watching it ! Love for the dance ...

Rating: 9/10


1 2 3 4 5 6 7 8 9 10

Submit Review


♥ Liked ✓ Watchlisted

# LIKES / WATCH-LISTS


### Liked Movies



Jailer




Jigarthanda



Aruvi

### My Watchlist



Vikram



# ADD / EDIT /DELETE MOVIES

## Movie Management


Manage your movie catalog with ease

[+ Add Movie](#)



ID	Title	Year	Runtime	Language	Country	Rating	Created By	Genres	Casts	Action
1	Vikram	2022	2h 55m	Tamil	India	★ 9.9	tester1	Action Crime Thriller	Kamal Haasan (actor) ... Lokesh Kanagaraj (dir...	<a href="#">Edit</a>
2	RRR	2022	3h 7m	Telugu	India	★ 9.0	tester1	Action Adventure War	N.T. Rama Rao Jr. (act... Ram Charan (actor) as ... S. S. Rajamouli (director) +1 more	<a href="#">Edit</a>
3	Drishyam	2013	2h 40m	Malayalam	India	★ 8.5	tester1	Crime Mystery Thriller	Mohanlal (actor) as Ge... Jeethu Joseph (director)	<a href="#">Edit</a>
4	Kantara	2022	2h 28m	Kannada	India	★ 8.3	tester1	Action Drama Fantasy	Rishab Shetty (actor) a... Rishab Shetty (director)	<a href="#">Edit</a>
5	Jailer	2023	2h 48m	Tamil	India	★ 8.1	tester1	Action Drama Thriller	Vinayakan (actor) as V... Rajinikanth (actor) as ... Nelson Dilipkumar (dir...	<a href="#">Edit</a>



# MANAGE USERS

<div> User Management</div> <div><input type="text" value="Search by ID or Username"/></div>				
ID	USERNAME	EMAIL	ROLE	ACTIONS
#1	<div>T</div> tester1	test@gmail.comm	Admin	<div>🔒 Cannot delete</div>
#2	<div>T</div> tester	tester@gmail.com	Admin	<div>Delete</div>
#3	<div>A</div> asdf	asdf@gmail.com	Admin	<div>Delete</div>
#4	<div>R</div> Ravi	ravi@gmail.com	User	<div>Delete</div>

# MANAGE DB

<div> Database Tables</div>	
Select Tables to View	
<input type="checkbox"/> activity_logs	<input type="checkbox"/> genres
<input type="checkbox"/> liked_movies	<input type="checkbox"/> movie_cast_crew
<input type="checkbox"/> movie_genres	<input type="checkbox"/> movies
<input type="checkbox"/> people	<input type="checkbox"/> reviews
<input type="checkbox"/> sessions	<input type="checkbox"/> users
<input type="checkbox"/> watchlists	
<div> View Selected Tables</div>	

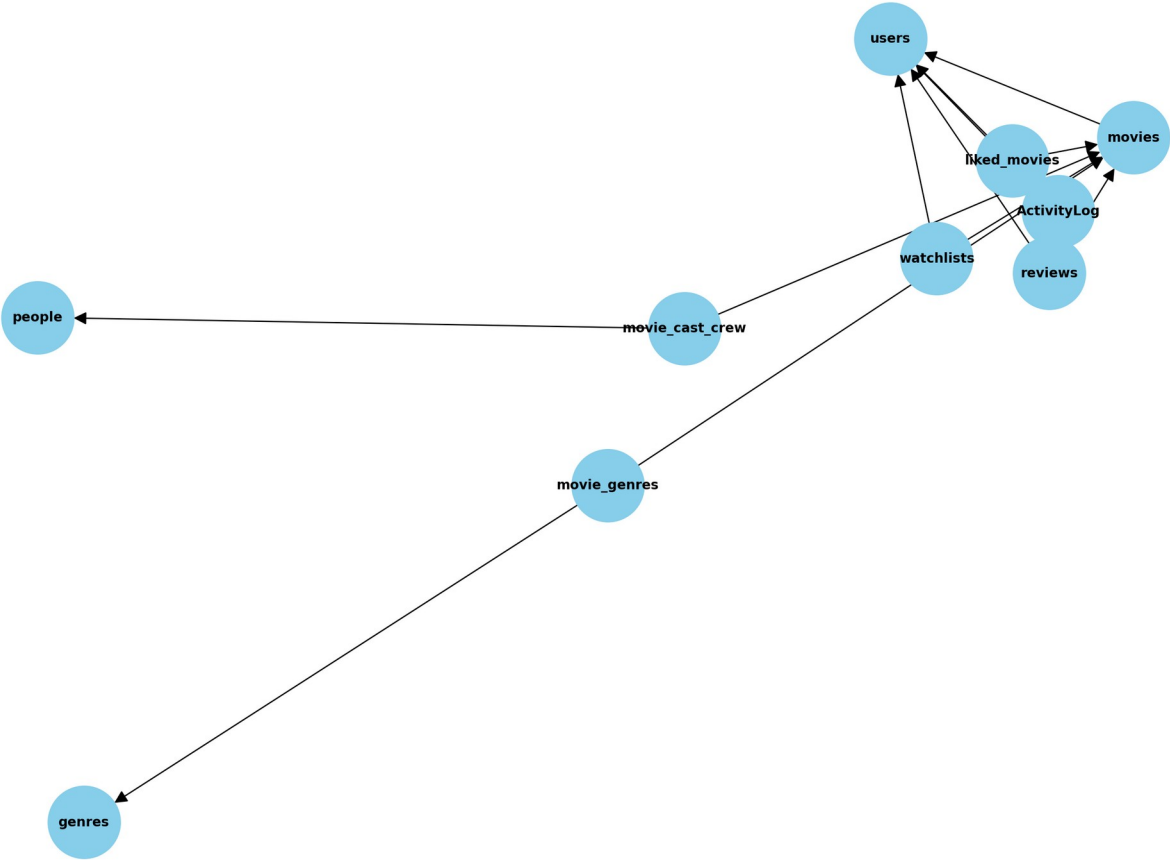


# DB-SCHEMA

activity_logs
genres
liked_movies
movie_cast_crew
movie_genres
movies
people
reviews



DB Schema: Movie Catalog Management





# Database Tables and Fields

USERS	MOVIES	REVIEWS	GENRES	MOVIE_GENRES	PEOPLE	MOVIE_CAST_CREW	WATCHLISTS	LIKED_MOVIES	ACTIVITYLOG
id	id	id	id	movie_id	id	id	user_id	user_id	id
username	title	movie_id	name	genre_id	name	movie_id	movie_id	movie_id	user_id
email	release_year	user_id				person_id			action_type
role	runtime	content				character_name			entity_type
password	synopsis	rating				role			entity_id
	language	likes_count							created_at
	average_rating	dislikes_count							
	created_by								



# ROLE OF DATABASE

## CRUD



Create



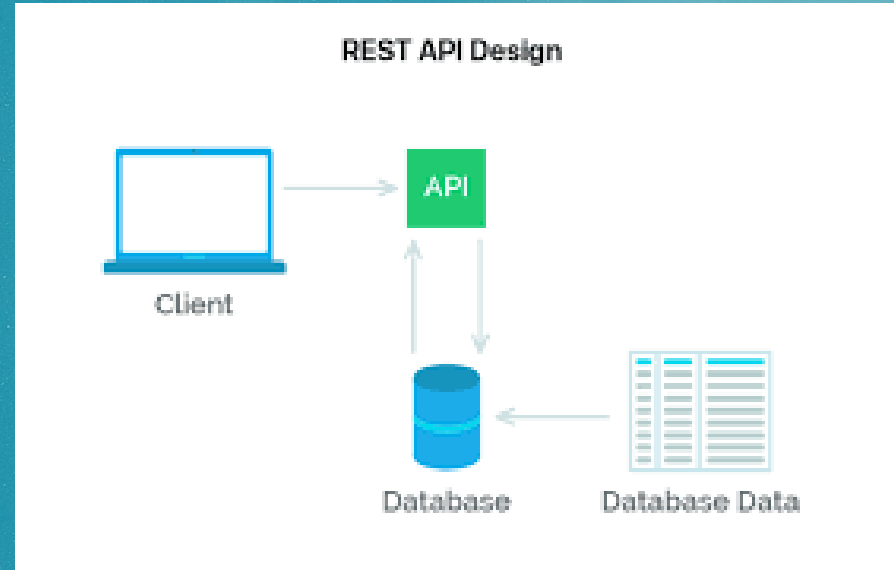
Read



Update



Delete





# CREATE

```
const [result] = await db.query(  
  'INSERT INTO users (username, email, password, role) VALUES (?, ?, ?, ?)',  
  [username, email, hashedPassword, role]  
);
```

```
for (const genre of genres) {  
  await connection.query("INSERT INTO movie_genres (movie_id, genre_id) VALUES (?, ?)", [movieId, genreId]);  
}
```

```
await connection.query(  
  "INSERT INTO movie_cast_crew (movie_id, person_id, character_name, role) VALUES (?, ?, ?, ?)",  
  [movieId, personId, characterName, role]  
);
```



# READ

```
const [castCrew] = await db.query(`
  SELECT mcc.id, mcc.character_name, mcc.role,
         p.id AS person_id, p.name
  FROM movie_cast_crew mcc
  JOIN people p ON mcc.person_id = p.id
  WHERE mcc.movie_id = ?
`, [id]);
```

```
// Get cast and crew for the movie
const [movieCasts] = await connection.query(
  "SELECT * FROM movie_cast_crew WHERE movie_id = ?",
  [movieId]
);
```

```
const [movies] = await connection.query(
  "SELECT * FROM movies WHERE id = ?",
  [movieId]
);
```

```
const [movies] = await db.query(
  `
  SELECT
    m.id, m.title, m.average_rating
  FROM movies m
  ORDER BY m.title ASC
`
);
```

```
const [genres] = await db.query("SELECT * FROM genres ORDER BY name");
```



# UPDATE

```
// Update average rating and rating count
await db.query(`
  UPDATE movies
  SET average_rating = (average_rating * rating_count + ?) / (rating_count + 1),
      rating_count = rating_count + 1
  WHERE id = ?`,
  [numericRating, movieId]
);
```

```
await connection.query(`
  UPDATE movies SET
  title = ?, release_year = ?,
  average_rating = ?,
  runtime = ?, synopsis = ?,
  language = ?, country = ?
  WHERE id = ?`,
  [
    title, release_year,
    rating,
    runtime || null, synopsis || null,
    language || null, country || null,
    movieId,
  ]
);
```



# DELETE

```
// Delete existing genres and re-insert them  
await connection.query("DELETE FROM movie_genres WHERE movie_id = ?", [movieId]);
```

```
// Delete existing cast and crew and re-insert them  
await connection.query("DELETE FROM movie_cast_crew WHERE movie_id = ?", [movieId]);
```

```
try {  
  await db.query("DELETE FROM people WHERE id = ?", [id]);  
  res.json({ success: true });  
}
```

```
const { id } = req.params;  
await db.query("DELETE FROM genres WHERE id = ?", [id]);
```



# Web Services

