



North South University
Department of Electrical and Computer Engineering
Final Report

"ShowHeaven"

Database System Lab

CSE311L

Section: 1

Semester: Summer 2021

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ShowHeaven

What is ShowHeaven?

ShowHeaven is a site whose main purpose is to display the information of shows, with the added benefit of user reviews. The main philosophy was to create a place where a user can find the essential information of any show and also read what other common people think about the show.

With other similar sites reviews are usually written by designated people and they often don't reflect the ideas of the general public. Sites like Amazon follow this system where every product has reviews by the users themselves. This gives a much more realistic idea as to how good the product/show is.

Users can also create their own watchlists much like how Spotify has playlists for songs. People can follow other people's watchlists and also find which lists are being followed by the most number of people.

Technologies used:

Frontend: HTML,CSS,Javascript,bootstrap,PHP

Backend: PHP,MySQL

Website Usage

Upon entering the website we are greeted with the list of shows.




ShowHeaven

Show Listlist

SearchType to search...

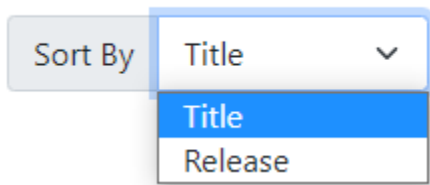
Sort ByTitle

TagsType to search...

| | Title | Rating | Release Date |
|---|--------------|--------|--------------|
|  | Code Geass | 8.5000 | 2006-10-06 |
|  | The Witcher | 5.0000 | 2019-12-20 |
|  | Breaking Bad | 9.0000 | 2008-01-20 |

@2021 -ShowHeaven

Here users can search and filter the shows in our database based upon the name and tag.




The list can be ordered by the name of the show or their release date. A potential feature to add here would be ordering by the rating of the show.

Upon clicking on a show we are taken to the information page of that show.

Code Geass

Tags: Action,Adventure,Animation,Drama,SciFi,Fantasy



Description

Seasons


Cast

Reviews

@2021 -ShowHeaven

The image shows a web page for the anime 'Code Geass'. At the top, the title 'Code Geass' is displayed in a large, bold, black font. Below the title, the tags 'Action,Adventure,Animation,Drama,SciFi,Fantasy' are listed in a smaller, grey font. The main visual is a large anime-style illustration of the main cast members, including Lelouch, C.C., Kallen, and others, set against a vibrant, colorful background. Below the illustration, there is a vertical list of four dark grey buttons with white text: 'Description', 'Seasons', 'Cast', and 'Reviews'. Each button has a small white downward-pointing chevron on its right side. The 'Reviews' button is currently selected, indicated by a blue highlight. At the bottom of the page, there is a dark grey footer containing the text '@2021 -ShowHeaven'.

The info has been categorized into Description, Seasons, Cast, Reviews. Users can click on any of these and the information will be displayed via a drop down.



Description

Japan has been invaded and conquered by the Britannian Empire. Japan is now known as Area 11 and its citizens known as Elevens. The Britannian Empire takes away Japan's autonomous power and imposes its rule through the use of Knightmares. The Empire's rule has never faltered, but cracks have begun to show...

Rating : 8.5000/10

Release Date: 2006-10-06

Seasons

Cast

Reviews

@2021 -ShowHeaven

Under seasons we can find the names of all the seasons of the show followed by the episodes in the season.

Seasons

Season 1

1) Episode 1

2) Episode 2

3) Episode 3

4) Episode 4

5) Episode 5

6) Episode 6

Season 2

If the user is an admin there will be additional functionality to add/delete a season/episode.

Seasons

Add Season Adding a season

Season 1

Delete season Deleting a season

Add Episode Adding episodes to this season

1) Episode 1

Delete episode

2) Episode 2

Delete episode

3) Episode 3

Delete episode

4) Episode 4

Delete episode

5) Episode 5

Delete episode

6) Episode 6

Delete episode

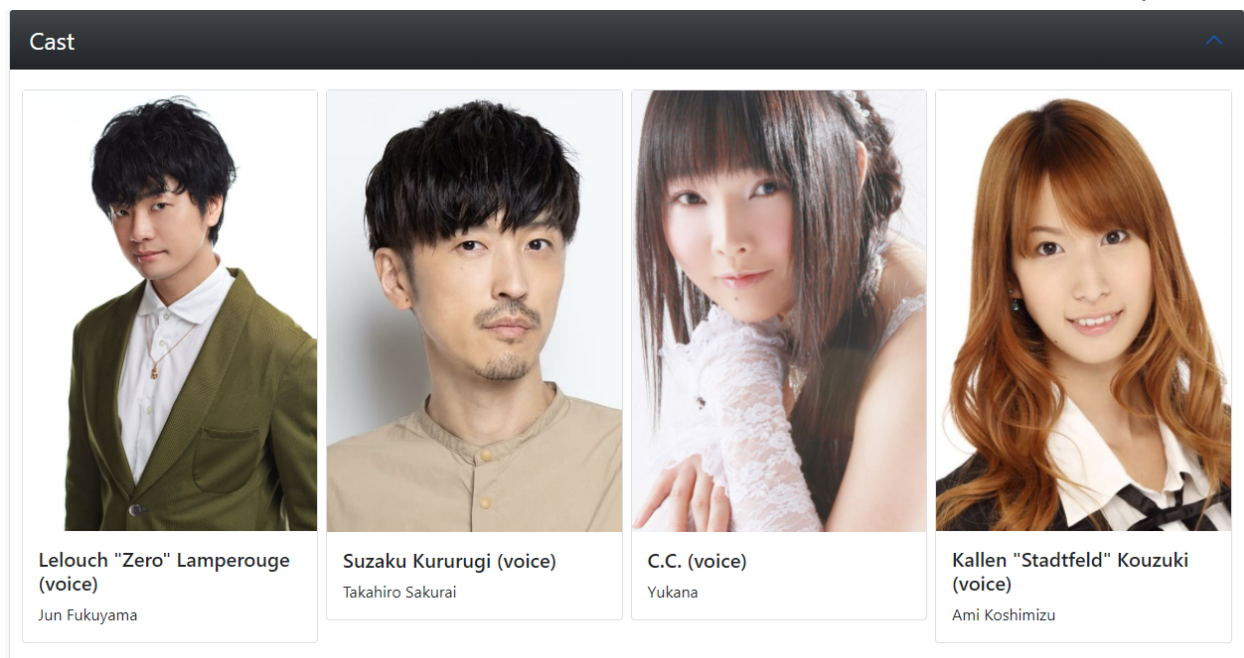
Deleting the episodes

Season 2

Delete season

Add Episode


Then we have the information about the cast which is retrieved from the TMDB api.



Lastly we have the reviews section where users can see and add their own reviews.

Reviews


Add Review



Rating: 10

Amazing!!!

2021-09-13 22:11:48



Rating: 7

Its good

2021-09-19 21:19:29

Users can also edit/delete their review.

Reviews


Rating: 10

Amazing!!!

Edit

Delete

2021-09-13 22:11:48



Rating: 7

Its good

2021-09-19 21:19:29

ShowHeaven

Show List

Rating

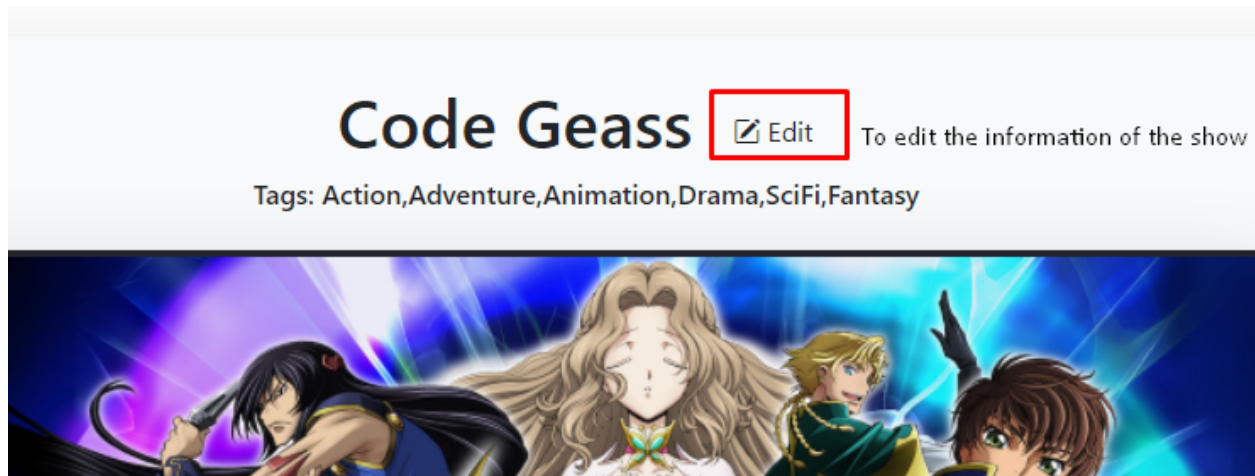
0.0

Comment


Submit

@2021 -ShowHeaven

Admins can also edit the information of a show via the edit button as seen below:



Upon clicking Edit we are greeted with the following form:

ShowHeaven [Show List](#) [admin](#) [Admin](#) [list](#) 

Edit Show [Delete show](#) [Visit](#)

Show ID: 2

Title: Code Geass

TMDB id: 31724 ID used to access this show's info through the TMDB api

Tags: ACTION × ADVENTURE × ANIMATION × DRAMA × SCIFI × FANTASY × The current tags of the show, clicking on a tag will delete it

Release date: 2006-10-06

Type (0 => private, 1=> public): 1 Controls whether the show will be available for non-admin users to see

Description: Japan has been invaded and conquered by the Britannian Empire. Japan is now known as Area 11 and its citizens known as Elevens. The Britannian Empire takes away Japan's autonomous power and imposes its rule through the use of Knightmares. The Empire's rule has never faltered, but cracks have begun to show...

Image: Choose File No file chosen

Submit

When a show is deleted it gets moved to a deleted show page which can be accessed via the admin panel. From there the show can be permanently deleted. Potential feature to add here is the option to add it back to the main show list.

User can sign in/sign up through authentication modal-

Authentication

Sign In

handle

Username

Password

Sign In

Sign Up

Name

Username

handle

Username

email

Username

Password

Sign Up

Users can see their information and their created and following watchlists on their profile page. They can also see others' profiles.

ShowHeaven


Show ListSnuke list

Name: Snuke

Handle: Snuke

Email: snuke@gmail.com

Joined at: 2021-09-19 22:58:45



A guy

Add List

Edit Profile

@Snuke's Lists

1

By Snuke

Favourites

0

By Snuke

My list

@Snuke's Follows

1

By Snuke

Favourites

Users can see add list and edit profile option on their profile-

Add List

Edit Profile

Users can edit their profile-

Edit Profile

×

Name

Snuke

Handle

Snuke

Email

snuke@gmail.com

Password

Keep empty if you don't plan to change

About

A guy

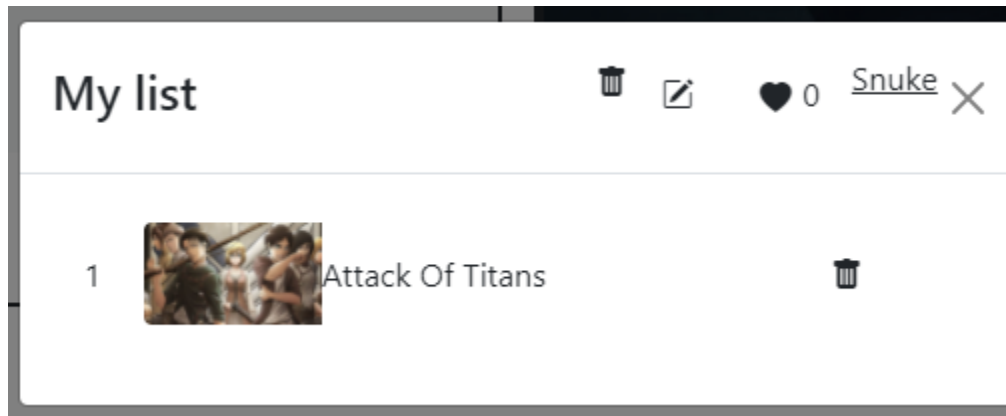
Image

Choose File



No file chosen

Submit

Users can see detailed info like favourites count and creator of watchlist by clicking on the watchlist. Creator can delete and edit the watchlist.



Users can add show by clicking edit and they will be redirected to add show page-

| Search | Type to search... | Q | Sort By | Title | ▼ | Tags | Type to search... |
|---|-------------------|------------------|---------|--------------|---|---|-------------------|
| Title | | Rating | | Release Date | | ADD | |
|  | | Attack Of Titans | | 1.0000 | | 2000-12-08 | |
| | | | | | |  | |

Users can see all watchlists filtered by the number of follows in descending order on the list page. They can also filter by creator and search by title.

Search

Type to search...

Q

User

Keep empty for any

♥ 2

By [Snuke](#)

Favourites

♥ 1

By [a](#)

Action

♥ 1

By [a](#)

Favourites

♥ 1

By [Snuke](#)

My list

♥ 0

By [a](#)

Others

♥ 0

By [a](#)

Recomended

On the admin page the admin can delete users and see the list of private shows. They can also add/delete shows.

UserListNon public show list

Add Show

Deleted Shows

Users

Search

Type to search...

| # | handle | Name | Is Admin | Delete |
|---|--------|-------|-------------------------------------|--------|
| 0 | a | a | <input checked="" type="checkbox"/> | |
| 1 | Snuke | Snuke | <input type="checkbox"/> | |

Non Public Shows

| # | Name | Delete |
|---|-----------------|--------|
| 1 | Game of Thrones | |

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Show ListadminAdminlist

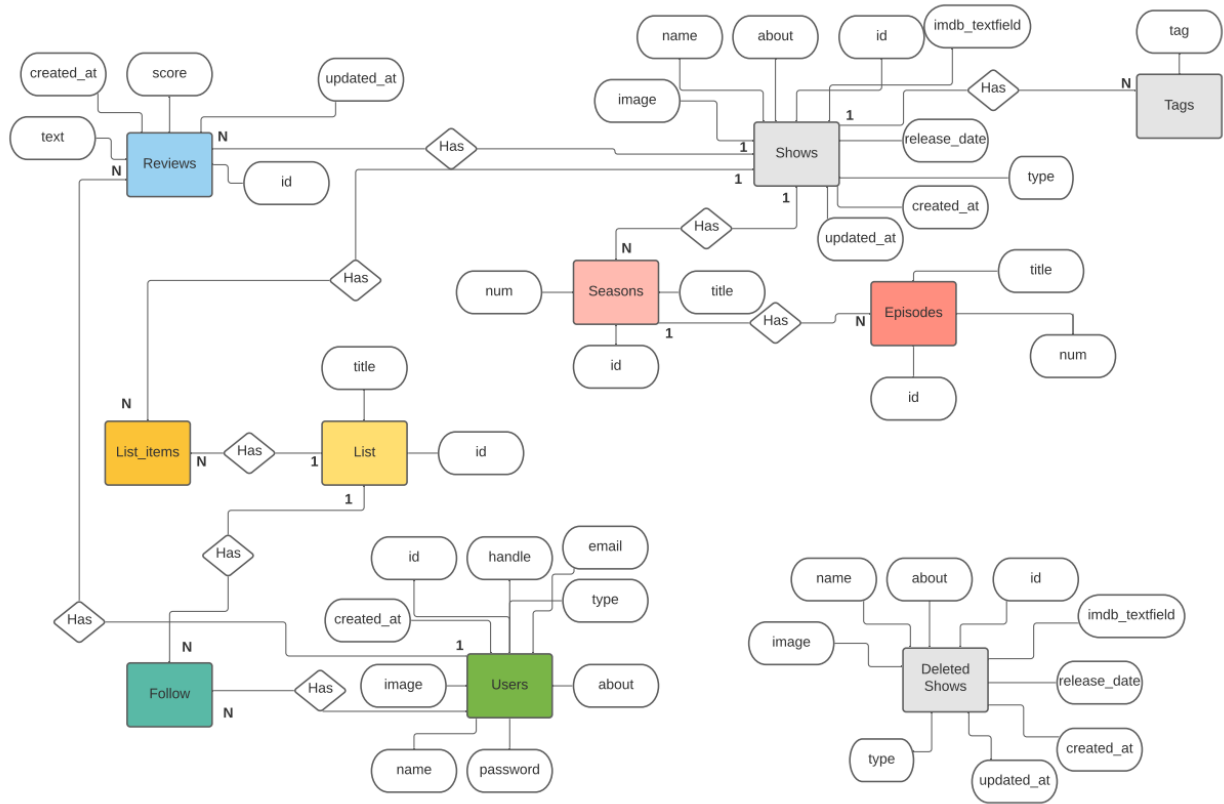
DELETED SHOWS

Title

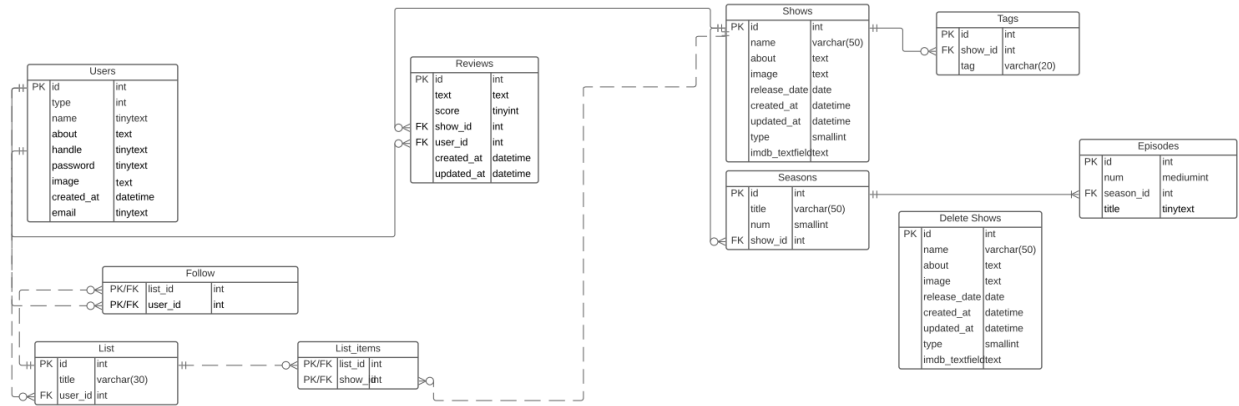
@2021 -ShowHeaven

Deleted shows page

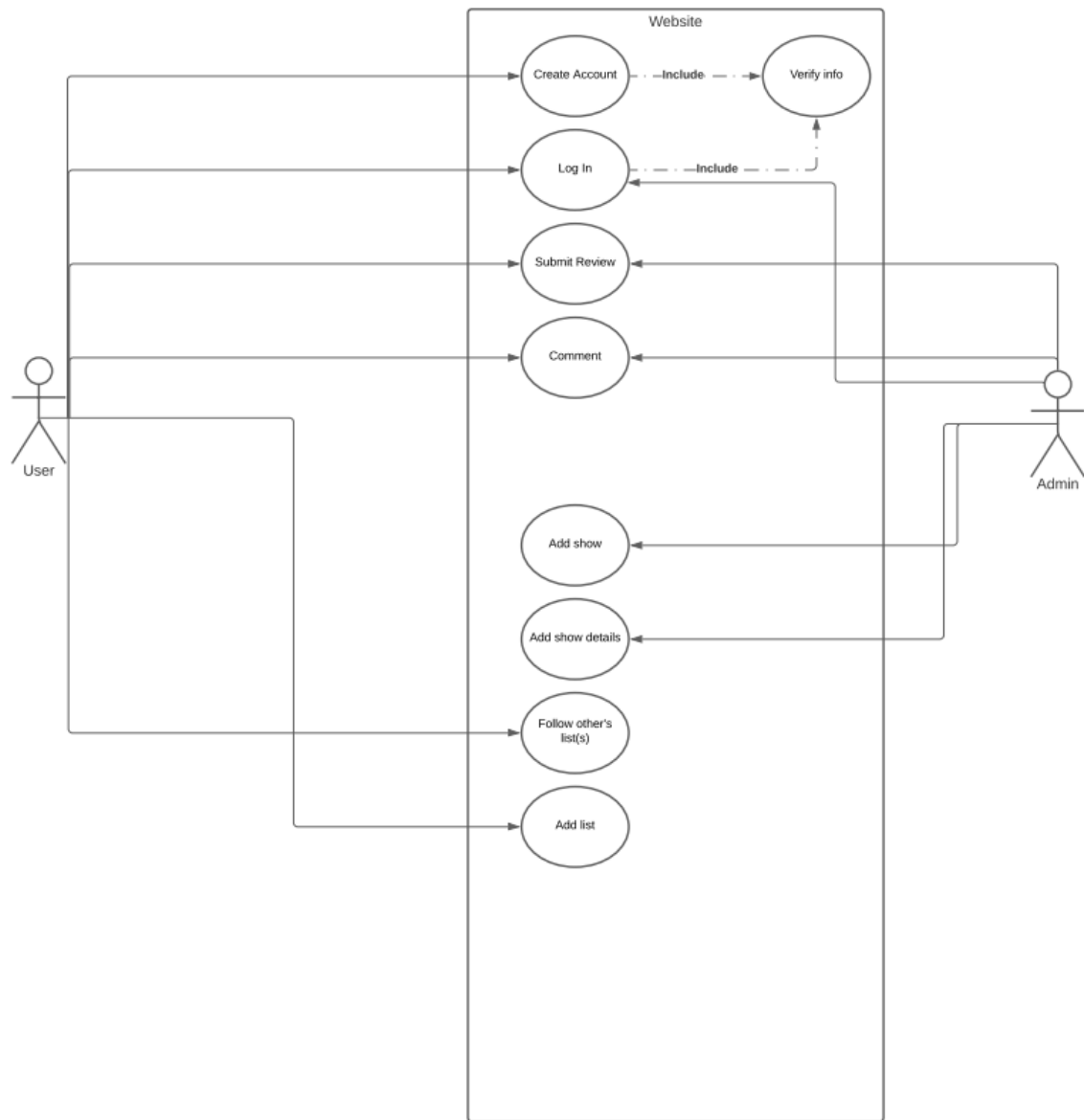
Database Design



Logical model



Physical model



Use Case Diagram