1. Project Description

Title: BingeVault

Description: BingeVault is an application that lets users create and manage personalised watchlists of series and movies, either for themselves or for others. Users can create multiple watchlists to track what they've watched before, plan what they would like to watch in the future or create a watchlist with recommendations for others. Users will also have the ability to leave ratings on the movies and series they've watched.

2. User Stories

Story: Register User

As a user,
I'm able to register an account,
so that I can get access to my watchlists and use the application.
Wireframe:

REGISTER

USERNAME

EMAIL

PASSWORD

CONFIRM PASSWORD

REGISTER

Acceptance criteria:
- A user can successfully create an account
- Leaving a field blank or providing the wrong type of input will result in an error
- Confirm password checks that it is identical to password
- Upon completion the user is saved in the database

Story: Login

As a user,
I'm able to login to my existing account,
So that I can create and manage my watchlists.
Wireframe:

LOGIN

EMAIL
———

PASSWORD
———

LOGIN

Acceptance Criteria:
- User's with a registered account are able to login with their credentials
- Incase the credentials are wrong, an error will be shown indicating what is wrong
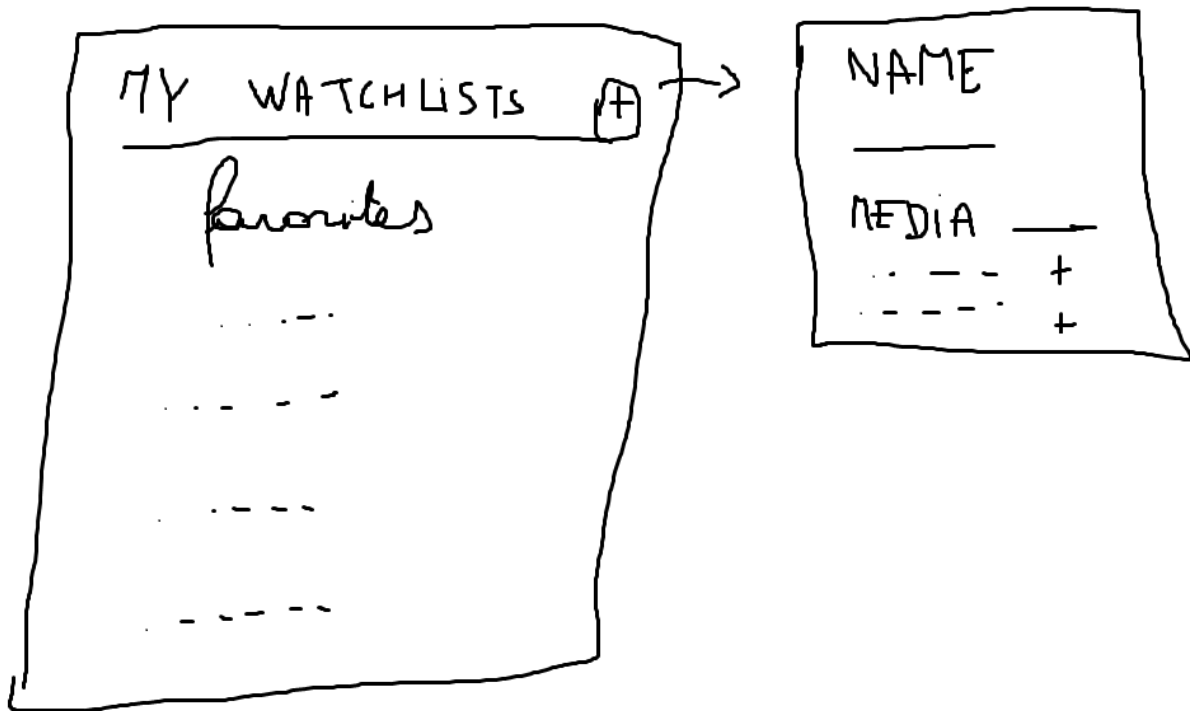- When the user has successfully logged in, they are sent to the home page

Story: Create watchlist

As a user,
I'm able to create a watchlist,
So I can name the list and add media to this list.
Wireframe:

Acceptance Criteria:

- User's are able to create a watchlist and give it a name
- An overview of watchlists is shown on the page
- Adding a watchlist is done by clicking on the + and filling in some information
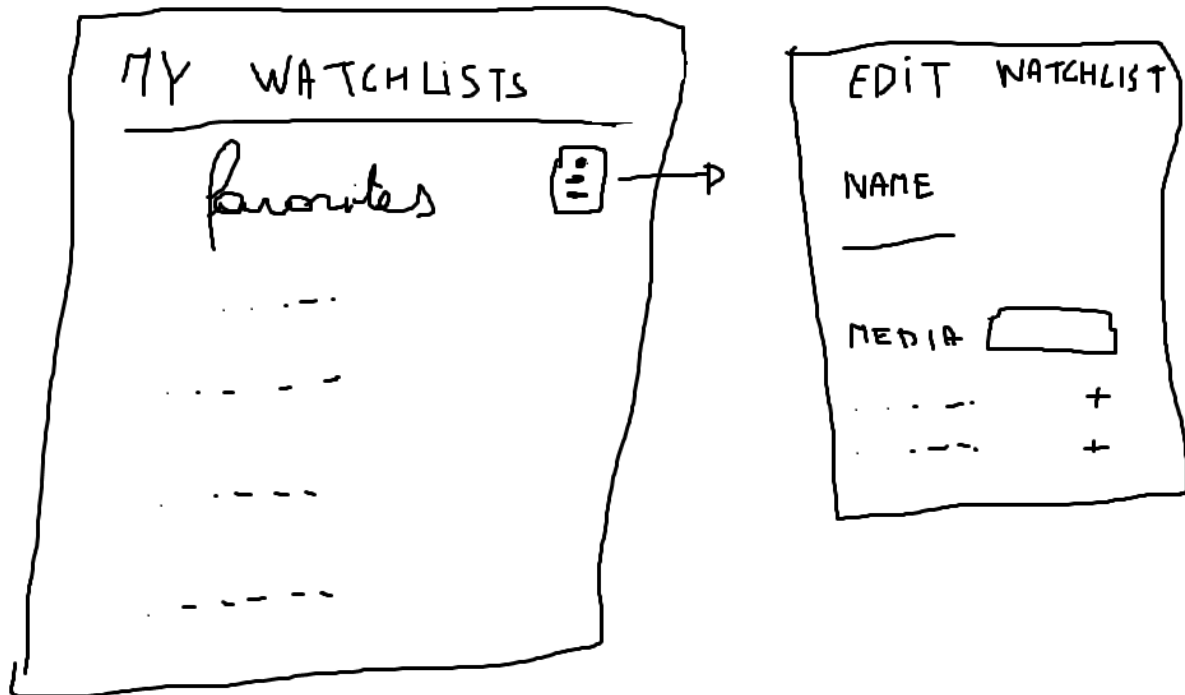- The watchlist and media is added in the database

Story: Edit my watchlist (adding, renaming)

As a user,

I'm able to add media items to my watchlist,

So I can edit my watchlist with media items I want to watch.

Wireframe:

Acceptance Criteria:

- User's are able to add media items to their watchlist and rename their watchlist.
- This menu is accessible through a button with 3 dots next to the watchlist on the watchlist overview.
- Inside this edit menu all media items are findable.
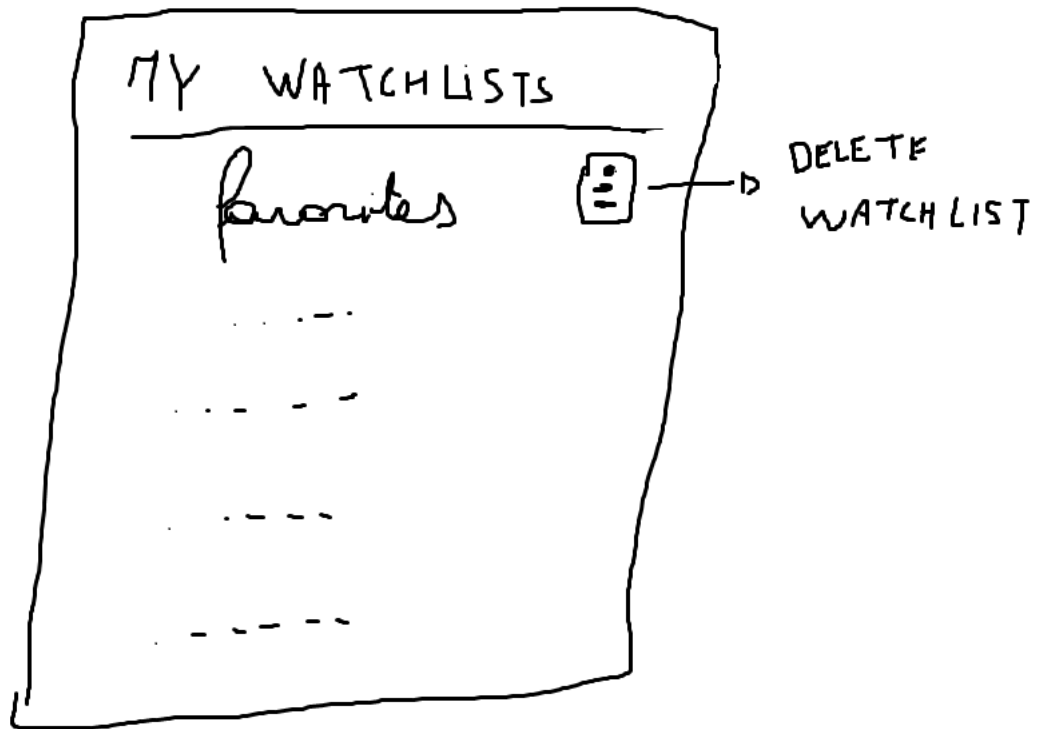- The database updates accordingly

Story: Delete a watchlist

As a user,

I'm able to delete a watchlist,

So I can remove a watchlist after I have seen its contents.

Wireframe:

Acceptance Criteria:
-   When clicking on the three dots, the option to delete a watchlist is shown
-   When delete is pressed the watchlist gets removed from the database and from the watchlist overview.
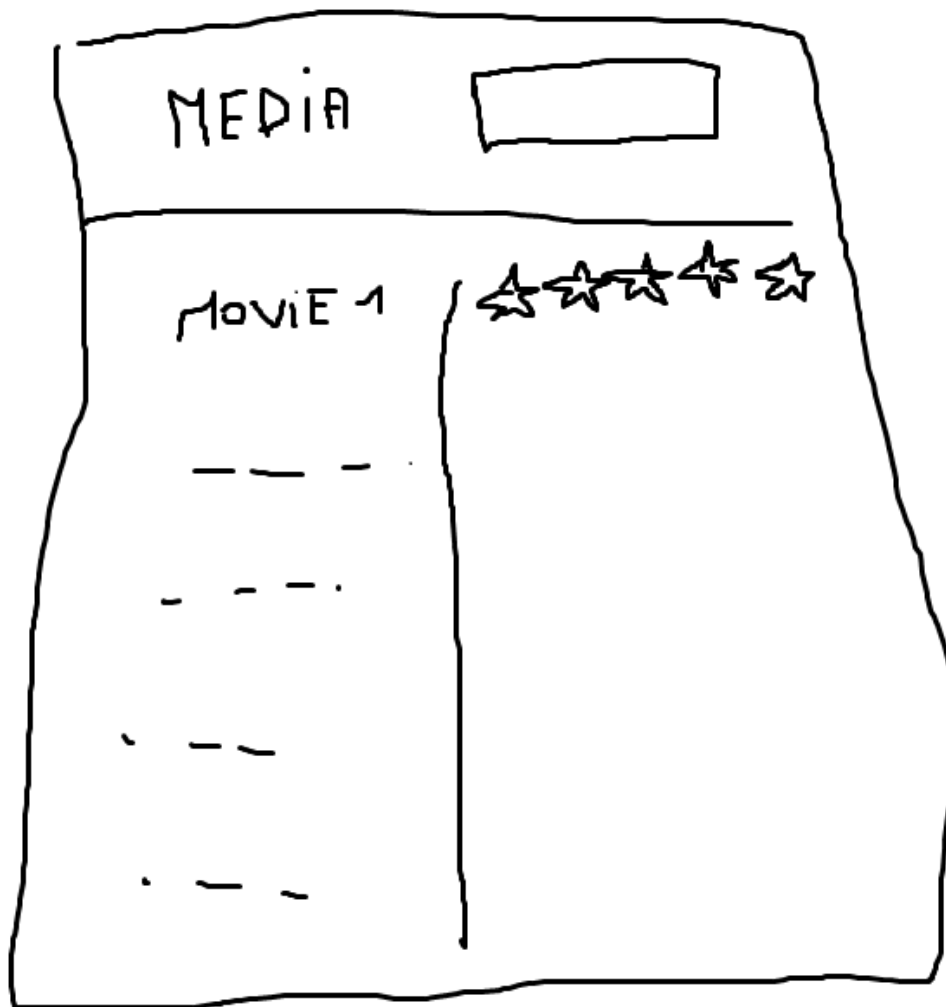-   The 3 dots open a dropdown menu showing edit and delete options

Story: Rate media

As a user,
I'm able to give rating to a media item,
So I can give my opinion on a media item.
Wireframe:

Acceptance Criteria:
- In the media overview next to a media item I can press x out of 5 stars and this will be kept in the database.
- The rating is saved individually for every media item.
- The rating will save and stay at the number I gave it and I can change it in the future.

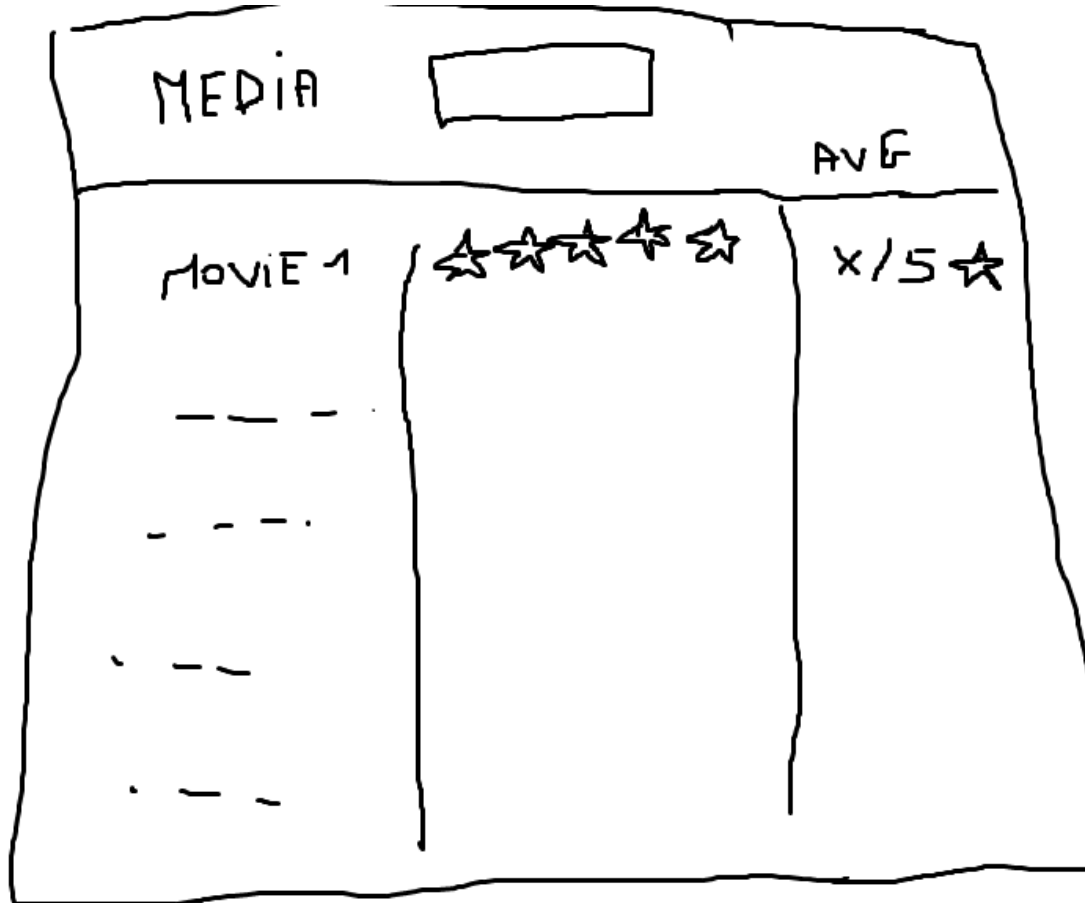**Story: See average rating for media (based on user inputs)**

As a user,

I'm able to see the average rating of a media item,

So I can see what others think about a media item.

Wireframe:

Acceptance Criteria:

- An average taken from the database will be shown next to your personal rating.
- This average rating will update every 24 hours.
- This average rating is also linked individually to one media item.

Story: Add media to platform

As an admin,
I'm able to add a media item to the platform,
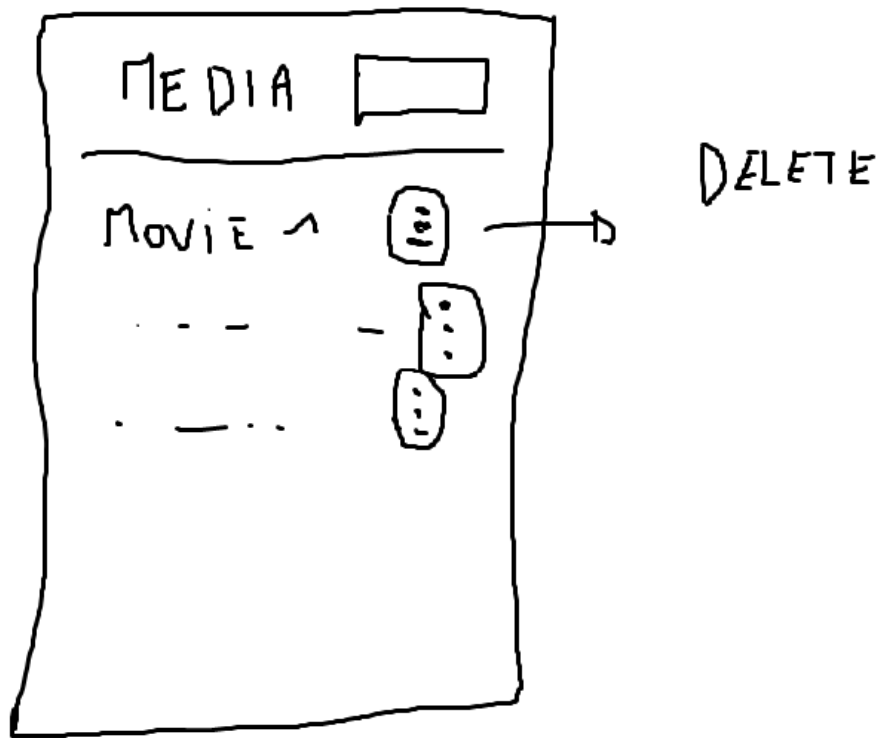So that new items can be added to the platform.
Wireframe:

Acceptance Criteria:

- As an Admin you are able to fill in a form to add media to the database
- In case one of the fields is not filled in or incorrectly filled in an error message will arise.
- When the media item is added it is shown in the correct location in the media overview.

Story: Delete media from the platform

As an admin,
I'm able to delete media items from the platform,
So that old items can be removed from the platform.
Wireframe:

Acceptance Criteria:
- When clicking on the three dots, an admin user is authorised to delete media from the platform
- When clicked the media is also removed from the database.
- No message is returned but the media disappears from the screen.

Story: Assign genres to media

As an admin,
I'm able to assign one or multiple genres to a media item,
So that media items have the correct genres.
Wireframe:

MEDIA INFO

GENRES :

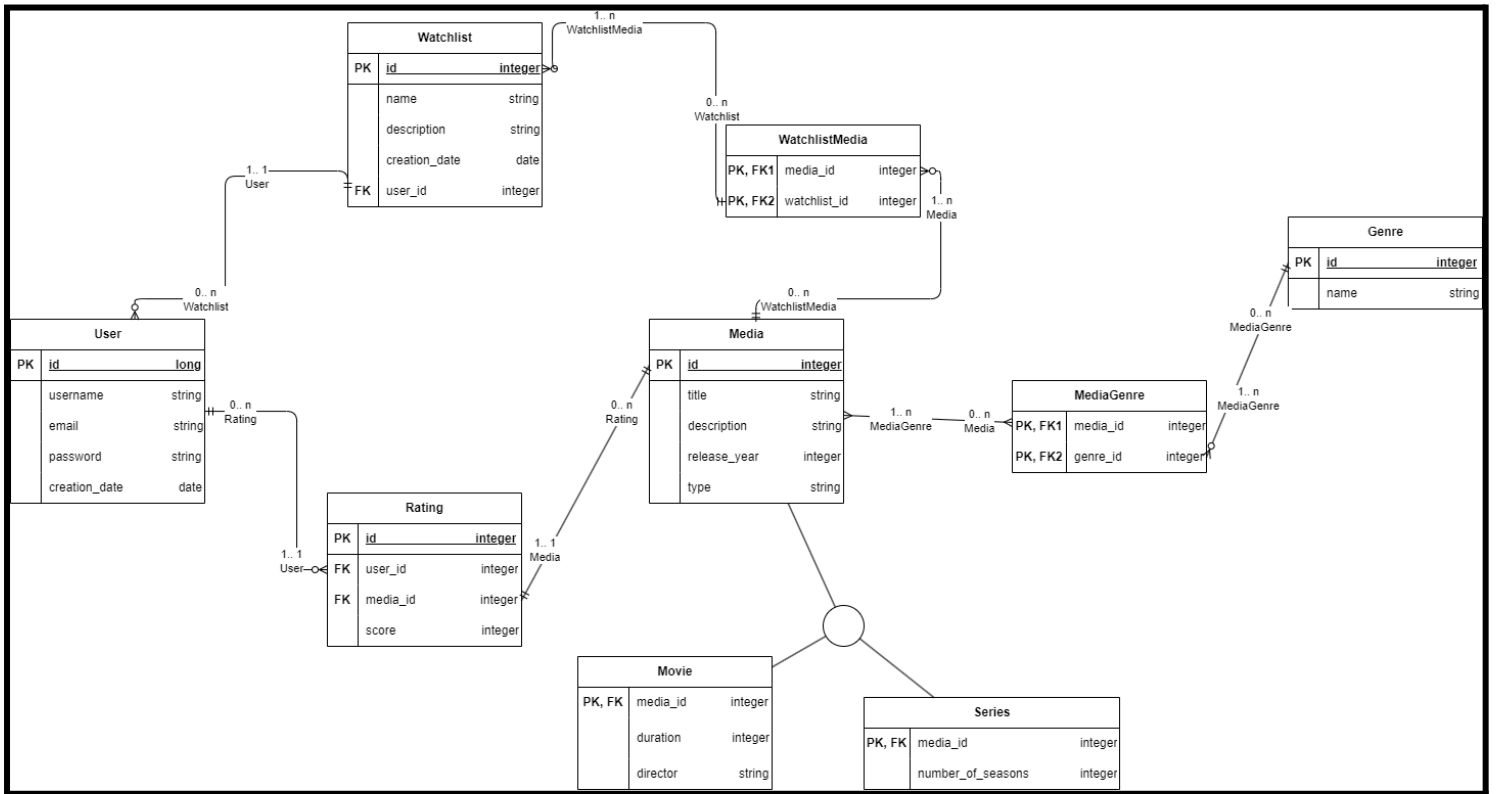ACTION ☑

DRAMA ☑

COMEDY ☐

Acceptance Criteria:
- Admins are able to modify the media by adding/removing genres.
- When the boxes at the end are ticked add a genre to a media (vice-versa)
- If no genres are selected an error message will arise.

3. Domain Model

Watchlist

PK	id	integer
	name	string
	description	string
	creation_date	date
FK	user_id	integer

WatchlistMedia

PK, FK1	media_id	integer
PK, FK2	watchlist_id	integer

Genre

PK	id	integer
	name	string

User

PK	id	long
	username	string
	email	string
	password	string
	creation_date	date

Media

PK	id	integer
	title	string
	description	string
	release_year	integer
	type	string

MediaGenre

PK, FK1	media_id	integer
PK, FK2	genre_id	integer

Rating

PK	id	integer
FK	user_id	integer
FK	media_id	integer
	score	integer

Movie

PK, FK	media_id	integer
	duration	integer
	director	string

Series

PK, FK	media_id	integer
	number_of_seasons	integer

1.. n WatchlistMedia

0.. n Watchlist

1.. 1 User

0.. n Watchlist

1.. n Media

0.. n WatchlistMedia

0.. n Rating

0.. n Rating

1.. 1 User

1.. 1 Media

1.. n MediaGenre

0.. n Media

0.. n MediaGenre

1.. n MediaGenre

4. Conceptual & Logical Model