Review of SRS reviewed by Rasmus and Oliver

Issues

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1ˢᵗ par. The application, named **IMDb Explorer**, will consist of a **backend** for data handling and a **frontend** that provides an intuitive user interface `[intuitive user interface is unclear: unmeasurable criteria for usability.]` for searching and viewing movie and TV show details.

2ⁿᵈ par. The **backend** will manage the **IMDb dataset**, handling user authentication, data retrieval, and storage, ensuring secure access to all data `[secure access unclear: Does this imply encryption, hashing, role-based access control e.g. admin, user etc...]`. It will include a column named `is_adult` to indicate whether a title is intended for adults only `[is_adult: What happens if the title is marked as adult? does it blocked, filtered, or shown with a warning?]`.

3ʳᵈ par The **frontend** will allow users to input search queries via a dedicated search bar, displaying a list of matching movie and TV show titles `[which fields are searchable]` `[Do we use pagination or infinite scrolling?]`. When a user selects a title from the search results, the application will show detailed information, including:

4ᵗʰ par
- Title
- Genres
- Episodes
- Aliases
- Attributes
- Comments
- Types
- Ratings
- Professions
- Persons

`[Types is undefined. Attributes: which attributes? Runtime? Language? Comments are unclear: User-generated comments or IMDB metadata comments? Types: Types of what? Title types? Person types? Genre types? ]`

5ᵗʰ par If a user selects a title, the detailed information will be presented on the same screen. Users will be able to submit their comments and rates directly below the detailed information section `[Is login required for commenting, or are anonymous comments allowed? Can a user submit multiple ratings for the same title, or only one?`
`What is the rating scale? 1-5? 1-10? using Percentage?]`.

6ᵗʰ par The application aims to create an engaging user experience while ensuring robust data handling and security, providing fast response times for search queries and minimal loading times for detailed displays `["engaging user experience": not measurable. "fast response times": Undefined. What counts as fast? <img 200 ms? < 1 second? "minimal loading times": not quantified ]`.

Review table

ID	Name	Location	priority	Description

ID	Name	Location	priority	Description
2	Security	2nd par.	Very High	need to specify the security level and implementation for the system within the access control.
6	Types	4th par.	High	The types are not defined - What is a type and what properties does it include
7	Attributes	4th par.	High	The attributes are not defined - What is an attribute and what properties does it include
13	Ratings submission	5th par.	High	The rating submission process is not defined - can users submit multiple ratings or just one?
14	Login requirement	5th par.	Near High	It is not defined whether login is required for commenting or if anonymous comments are allowed.
4	filterable frontend	3rd par.	Medium	Need to specify the filterable fields and data
5	Pagination	3rd par.	Medium	Defining the pagination page size e.g. 20 movies per. page
9	Ratings system	4th par.	Medium	The rating system is not defined - is it 1-5, 1-10 or percentage based.
11	Fast response times	6th par.	Medium	The fast response times is not defined - what is considered fast?
12	Minimal loading times	6th par.	Medium	The minimal loading times is not defined - what is considered minimal?
1	Intuitive user interface	1st par.	Low	intuitive is ambiguous.
3	Is_adult	2nd par.	Low	What should happen if a title is marked as adult.
8	Comments	4th par.	low	The comments is unclear - is it user comment or metadata for IMDB comments.
10	Engaging user experience	6th par.	low	The engaging user experience is not defined - what makes it engaging?

Requirements (review of requirements)

The data entry will require the user to input information according to the following template:

- Title
  - TitleType: [Min. 5] [Max. 25] char and does not allow any special characters
  - PrimaryTitle: [Min. 5, Max. 255] char and dash allowed
  - OriginalTitle: [Min. 5, Max. 255] char and dash allowed
  - StartYear: Max. 4 numeric digits positive and Range 1888-newest year
  - EndYear: 4 numeric digits positive or NULL and greater than StartYear

- - RuntimeMinutes: [Min. 60 Min Max. 1440] minutes positive or NULL
- Genres
  - Genre: [Min. 3 Max. 50] char and dash allowed
- Episodes
  - EpisodeNumber: [Min. 1 Max. 3 numeric] digits positive between 1 and 999 and do not allow 0
  - SeasonNumber: [Min. 1 Max. 2] numeric digits positive between 1 and 99 and do not allow 0
- Aliases
  - Region:[Min. 2 char Max. 5] char and not allow any special characters
  - Language: [Min. 2 char Max. 5 char] and dash allowed
  - Title: Min. 5 char and Max. 255 char and dash allowed
- Attributes
  - Attribute: Max. 100 char and does not allow any special characters
- Comments
  - Comment: Max. 255 char and allow (-, (,), *, /)
- Types
  - Type: Max. 100 char and does not allow any special characters
- Ratings
  - AverageRating: Max. 2 numeric digits positive
  - NumVotes: int Max positive
- Professions
  - Profession: Max. 45 char and does not allow any special characters
- Persons
  - Name: Min. 2 and Max. 100 char and does not allow any special characters
  - BirthYear: Max. 4 numeric digits positive and Range 1888-newest year
  - EndYear: Max. 4 numeric digits positive or NULL and greater than BirthYear