ROLE (enum)

<<enum>>
ROLE

USER
ADMIN

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REVIEW

- id: Long
- hidden: boolean
- content: String
- screenplayScore: Integer
- directionScore: Integer
- cinematographyScore: Integer
- generalScore: Double
- likesCount nt
- flags int
- userWatched: UserWatched

+ AddRate: Rating
+ EditRate: void
+ DeleteRate: void
+ AddLikeRate: void
+ AddReportRate: void
+ CheckRateAndChangeVisibility: boolean
+ GetRate: Rate
+ ListRatesByUser: List<Rate>
+ ListRatesByMovie: List<Rate>

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USER

- id: Long
- name: String
- username: String
- email: String
- password: String
- role: Set<Role>
- favoriteMovies: Set<UserFavorite>
- watchlist: Set<Watchlist>
- watchedMovies: Set<UserWatched>
- flaggedContent: Set<ContentFlag>

+ LogOut: Token
+ LogIn: Token
+ DefinePermissions: void
+ EditUser: void
+ DeleteUser: void
+ Register: User
+ ListWatchedMovie: List<Movie>
+AddFavoriteMovie: void
+ RemoveFavoriteMovie: void
+ ListFavoriteMovies: List<Movie>

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USERWATCHED

- user: User
- movie: Movie
- watchedAt: LocalDateTime
- review: Review

+ addReview: void
+ removeReview: void

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- user: User
- movie: Movi
- favoriteAt: L

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MOVIE

- id: Long
- title: String
- synopsis: String
- releaseYear: Integer
- duration: Integer
- contentRating: String
- genres: Set<Genre>
- watchlists: Set<Watchlist>
- favoritedBy: Set<UserFavorite>
- watchedBy: Set<UserWatched>

+ RegisterMovie: void
+ EditMovie: void
+ DeleteMovie: void
+ GetMovie: Movie
+ ListMovies: List<Movie>
+ ListMoviesByReleaseYear: List<Movie>
+ ListMoviesByGenre: List<Movie>
+ ListMoviesByTitle: List<Movie>
+ ListMoviesByDirector: List<Movie>
+ ListMoviesByRate: List<Movie>
+ ListMoviesByScore: List<Movie>
+ CreateRecommendations: List<Movie>

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WATCHLIST

- id: Long
- name: String
- description: String
- user: User
- movie: Set<Movie>

+ CreateWatchList: void
+ AddMovie: void
+ MarkAsWatchedMovie: void
+ CheckIfWasWatched: Boolean
+ GetWatchList: WatchList

FAVORITE

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.ocalDateTime

GENRE

- id: Long
- name: String
- movies: Set<Movie>

+ CreateGenre: void
+ EditGenre: void
+ DeleteGenre: void
+ ListGenres: List<Genre>