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USE CASE DIAGRAM FOR POPULAR MOVIES APPLICATION

Team Oprah's Voice

App User

- Display Movie Poster Grid
- Organizes Movies by Popularity
- Organizes Movies by User Rating
- Display Detailed Movie View
- Adds Movie to Favorites List
- Removes Movie From Favorites List
- Push Movie Information to App
- Changes Default Sort
- Changes Amount of Movies to be displayed

TMDB Server

Use Case: Sort by Popularity

Description

This Use Case describes the process by which the user sorts the movie posters by popularity.

Actors

- App user

"Used" Use Cases

- Push Movie Data from TMDB Server to App UI
- Display Movie Poster Grid

Prerequisite

- User must have a stable Wi-Fi/data connection.

Actions

1. The Use Case starts when the user starts the Popular Movies application.
2. The system will display the movie posters grid in its default sort.
3. The user selects the drop down menu located at the top right of the screen.
4. The user selects the sort by popularity option from the drop-down menu.
5. The system displays the movie posters sorted by their popularity.
6. The Use Case ends.

Use Case: Sort by Rating

Description

This Use Case describes the process by which the user sorts the movie posters by rating.

Actors

- App user

"Used" Use Cases

- Push Movie Data from TMDB Server to App UI
- Display Movie Poster Grid

Prerequisite

- · User must have a stable Wi-Fi/data connection.

Actions

1. The Use Case starts when the user starts the Popular Movies application.
2. The system will display the movie posters grid in its default sort.
3. The user selects the drop-down menu located at the top right of the screen.
4. The user selects the sort by ratings option from the drop-down menu.
5. The system displays the movie posters sorted by their ratings.
6. The Use Case ends.

Use Case: Add to Favorites List

Description

This Use Case describes the process by which the user adds movies to their favorites list.

Actors

- ·   App user

"Used" Use Cases

- Push Movie Data from TMDB Server to App UI

Prerequisites

- ·   User must have a stable Wi-Fi/data connection.

Actions

1. The Use Case starts when the user starts the Popular Movies application.
2. The system will display the movie poster grid in its default sort.
3. The user will select the movie that they wish to add to their favorites list.
4. The system will display the detailed movie screen.
5. The user will select the add to favorites option.
6. The system will add the movie to the users favorites list.
7. The Use Case ends.

Use Case: Remove from Favorites List

Description

This Use Case describes the process by which the user removes movies from their favorites list.

Actors

- App user

"Used" Use Cases

- Push Movie Data from TMDB Server to App UI

Prerequisites

- User must have a stable Wi-Fi/data connection.

Actions

1. The Use Case starts when the user starts the Popular Movies application.
2. The system will display the movie poster grid in its default sort.
3. The user will select the drop-down menu located at the top right of their screen
4. The user will select the favorites list option from the drop-down menu.
5. The system will display the users favorites movie list.
6. The user will select the movie they wish to remove from their favorites list.
7. The user will select the remove from favorites list option.
8. The system will remove the selected movie from the users favorites list.
9. The Use Case ends.

Use Case: Push Movie Data from TMDB Server to App UI

Description

This Use Case describes the process by which movie data is transferred from TMDB servers to our app for display in our Activity.

Actors

- TMDB server

Prerequisites

- User must have a stable Wi-Fi/data connection.

Actions

1. The Use Case begins when the user opens the app and information is automatically pulled from server to be displayed on screen in the form of movie posters.

2. The Use Case ends.

Use Case: Display Movie Poster Grid

Description

This Use Case describes the process by which the user accesses the movie poster grid.

Actors

- App user

"Used" Use Cases

- Push Movie Data from TMDB Server to App UI

Prerequisites

- User must have a stable Wi-Fi/data connection.

Actions

1. The Use Case starts when the user starts the Popular Movies application.
2. The system will display the movie poster grid.
3. The Use Case ends.

Use Case: Display Detailed Movie View

Description

This Use Case describes the process by which the user accesses detailed information (synopsis, release date, and rating) for.

Actors

- App user

Prerequisite

- User must have a stable Wi-Fi/data connection.

Actions

1. The Use Case starts from the main screen of the app.
2. The system will display the movie posters grid in its default sort.
3. The user selects a movie poster and clicks on it.
4. The activity with movie details is displayed on screen.
5. The use case ends.

Use Case: Changes Default Sort

Description

This Use Case describes the process by which the user accesses the applications settings and changes the default sort.

Actors

- App user

"Used" Use Cases

- Push Movie Data from TMDB Server to App UI

Prerequisite

- User must have a stable Wi-Fi/data connection.

Actions

1. The Use Case starts from the main screen of the app.
2. The system will display the movie poster grid in its default sort.
3. The user will select the drop-down menu located at the top right of their screen
4. The user will select the settings option from the drop-down menu.
5. The system will display the setting options.
6. The user will select the Default Sort option.
7. The user will select the sort they wish make their default sort.
8. The system will change the default sort value located in the settings file.
9. The Use Case ends.

Use Case: Changes Number of Movies

Description

This Use Case describes the process by which the user accesses the applications settings and changes the number of movies to be displayed.

Actors

- App user

Prerequisite

- User must have a stable Wi-Fi/data connection.

Actions

1. The Use Case starts from the main screen of the app.
2. The system will display the movie poster grid in its default sort.
3. The user will select the drop-down menu located at the top right of their screen
4. The user will select the settings option from the drop-down menu.
5. The system will display the setting options.
6. The user will select the number of movies option.
7. The user will select the amount of movies they wish to be displayed.
8. The system will change the number of movies value located in the settings file.
9. The Use Case ends.