**User Stories & Use Cases**

**Introduction**

**User stories and use cases define how users interact with the Movie Recommendation App, ensuring that the system meets user expectations and provides a seamless experience.**

**User Stories**

**1. As a user, I want to search for movies easily**

* **So that I can find specific movies quickly.**
* **Acceptance Criteria: The search bar should provide instant results based on keywords.**

**2. As a user, I want to filter movies by genre, year, and rating**

* **So that I can find movies that match my preferences.**
* **Acceptance Criteria: Users should be able to apply multiple filters at once.**

**3. As a user, I want to view trending and recommended movies**

* **So that I can discover popular and highly-rated movies.**
* **Acceptance Criteria: The homepage should display trending movies dynamically.**

**4. As a user, I want to add movies to my favorites list**

* **So that I can save movies for future reference.**
* **Acceptance Criteria: The app should allow users to mark and access favorite movies easily.**

**5. As a user, I want to see detailed information about a movie**

* **So that I can learn more about its cast, plot, and reviews.**
* **Acceptance Criteria: Clicking a movie should open a detailed page with all relevant information.**

**6. As a user, I want the app to be mobile-responsive**

* **So that I can browse movies conveniently on my phone.**
* **Acceptance Criteria: The app should adapt seamlessly to different screen sizes.**

**Use Cases**

**Use Case 1: Searching for a Movie**

* **Actors: User**
* **Description: The user enters a movie name in the search bar to find relevant results.**
* **Preconditions: User has access to the search functionality.**
* **Postconditions: The app displays matching movies based on the entered keywords.**
* **Flow of Events:** 
  1. **User enters a search query.**
  2. **System retrieves relevant movies from the database.**
  3. **System displays matching results in real time.**

**Use Case 2: Filtering Movies**

* **Actors: User**
* **Description: The user applies filters to refine movie results.**
* **Preconditions: The user has access to filtering options.**
* **Postconditions: The app updates and displays movies matching the selected filters.**
* **Flow of Events:** 
  1. **User selects filters (e.g., genre, year, rating).**
  2. **System processes the selected filters.**
  3. **System displays the filtered movie list.**

**Use Case 3: Viewing Movie Details**

* **Actors: User**
* **Description: The user selects a movie to view more information.**
* **Preconditions: A movie is available in the database.**
* **Postconditions: The system displays a detailed movie page.**
* **Flow of Events:** 
  1. **User clicks on a movie.**
  2. **System fetches and displays details (cast, summary, rating, etc.).**

**Conclusion**

**User stories and use cases ensure that the application provides an intuitive and user-friendly experience. Defining these interactions helps in structuring development tasks and meeting user needs efficiently.**