|  |  |  |  |
| --- | --- | --- | --- |
| **User Task** | | Movie Management | |
| Purpose (Goal) | | Users manage movies and corresponding performer data of a movie collection. | |
| Frequency | | Often and at any time (depending on the user’s needs) | |
| Actors | | User who wants to manage movies | |
|  | | | |
| **Sub-tasks:** | | | **Example of solution:** |
| **1** | **Describe a movie**  Add and describe a movie with typical data like its title or alternative titles, release date, production country, release date, runtime, location, IMDB ID, and performers. Or change an existing description. Or view movies (possibly sorted). | | Provide default values wherever possible, implemented in create movie, change detail movie data, link existing performer, unlink performer, show movie, list movies, search, sort movies, show performer details and show movie in IMDB |
| **1ap** | **Remove movie**  **Problems:** Removing all movies a certain performer participates in might result in performers associated with no movies. | | Ensure the consistency of performers and movies, implemented in function remove movie |
| **2** | **Describe a performer**  Add and describe a performer featuring in movies with typical data like first and last or alternative names, biography, country, IMDB ID and date of birth. Or change an existing description. Or view performers (possibly sorted). | | Provide default values wherever possible, implemented in create linked performer, change detail performer data, link existing movie, unlink movie, list performers, sort performers, search, show performer, show movie details and show performer in IMDB |
| **2ap** | **Relate performer to movie**  **Problems:** Creating a performer without relating her/him to a movie lead to performers associated with no movies. Thus, a performer needs to be related to a movie. | | Ensure that performers are linked to movies on creation, implemented in function create linked performer |
| **2b** | **Remove performer**  Removes a performer. | | Implemented in function remove performer |
|  |  | |  |
|  |  | |  |