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| Use case: | **Add Movie** | |
| Actors: | Users, WS Provider | |
| Purpose: | Add a movie to the list the user chooses. | |
| Overview: | A User either scans (via camera) a barcode of types in the name of a movie they would like to store in a list. The system retrieves information about the requested movie and stores it in the desired list. On completion, the system provides the User with information about the movie. | |
| Type: | Essential | |
| Preconditions: | User must be connected to the internet. | |
| Postconditions: | The movie is added to the selected list. | |
| Special Requirements: | None | |
| **Flow of Events** | | |
| **ACTOR ACTION** | | **SYSTEM RESPONSE** |
| 1. This use case begins when a User desires to add a movie to a list. 2. The User uses their phones camera to acquire the UPC Barcode of a movie. 3. The User selects a list to add the movie to. 4. The User views the updated movie list. | | 1. The system will contact the WS Provider to obtain information about the movie. 2. The system updates the selected list and displays it to the User. |
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| **Alternative Flow of Events** | | |
| |  |  | | --- | --- | | Line 2: | The Barcode was read incorrectly. Indicate error. Return to Step1. | | Line 3: | Unable to connect to WS Provider. Indicate error. Store UPC for when connection returns. Exit.  Invalid UPC. Indicate error. Return to Step1. | | | |