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| Use case: | **Sync with Server** | |
| Actors: | Users, Remote Server | |
| Purpose: | To sync lists and movie information to a remote server. | |
| Overview: | A User selects that they would like to sync their movie information with a Remote Server. The system synchronizes its internal database with a Remote Server’s database to be viewed online. On completion, the User’s movie collection is stored on both their phone and the Remote Server. | |
| Type: | Essential | |
| Preconditions: | User must be connected to the internet. | |
| Postconditions: | User’s movie collection is stored on both their phone and the Remote Server. | |
| Special Requirements: | None | |
| **Flow of Events** | | |
| **ACTOR ACTION** | | **SYSTEM RESPONSE** |
| 1. This use case begins when a User desires to synchronize information between their phone and a Remote Server. 2. The User selects the sync option from within the movie collection UI. 3. The User views the synchronization complete message. | | 1. The system retrieves information from its internal database and synchronizes it with a Remote Server. 2. The system displays a synchronization complete message to the User. |
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| **Alternative Flow of Events** | | |
| |  |  | | --- | --- | | Line 3: | The system is unable to contact the Remote Server. Indicate error. Exit synchronization.  The system has an issue synchronizing its information with the Remote Server. Indicate Error. Exit synchronization.  The system and Remote Server already contain the same information. Indicate synchronization not needed. Exit synchronization. | | | |