

# CS3012 Assignment UML

Richard Delaney 08479950

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## Scenario

I propose the scenario of a Movie collection system, The system should include the ability to add,delete,edit movie entrys. Each part of the system will need to synchronise with a simple data storage for the records. As this will be a single user use case, the records will be stored in some easy storage means such as xml files.

The user interaction will consist of the following:

1. User starts Program.
2. Program loads its dataset from the file and index's these files accordingly.
3. The user chooses whether to search the data, add an entry, delete an entry, edit an entry or exit the program.
4. Depending on user's choice the system behaves accordingly and allows access to the dataset for the above features.
5. When a user finishes their current action, they are taken back to the choice screen.
6. When the user chooses to exit after using the system, the updated dataset is saved back to disk.
7. The program terminates.