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| General Information | |
| Use Case Number : 4  Use Case Name : Search for a specific movie  Subject Area : Search button  Description : User clicks a button and enters the content that they want to base a search off of | Responsible Analyst : Williams |

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| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
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| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Williams | 10/18/16 | Initial creation |
|  |  |  |
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| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
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| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | Person | Does all the actions in the program |
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|  |  |  |

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| **Pre-Conditions** | |
| # | Description |
| 1 | Program is running |

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| **Start Stimulus** |
| User clicks search button |

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Clicks Search button |  |  |
| 2 | System generates page with search criteria |  |  |
| 3 | User enters movie information for search |  |  |
| 4 | System searches catalog, displays filtered list of matching movies |  |  |
| 5 | User views filtered list |  |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| No matches | Report there are no matches |  |

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| Post-Conditions | |
| **#** | **Description** |
| 1 | System waits for user next input |
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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Catalog | Data item that contains a list of movies in the catalog | Name, Rating, Actors |
| Search Criteria | Data item that contains search options | Name, Actor, Rating |

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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | That there are movies in the catalog | 10/18/16 | Williams |  |  |
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| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| n/a |  |  |  |  |  |
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| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| n/a |  |  |
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| Frequency of Execution |
| **Frequency:**  Minimum: 2 Maximum: 150 Average: 5 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

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| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 |  | 4 | sec |  |  | 3 | Don’t want them to wait too long |
|  |  |  |  |  |  |  |  |
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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| n/a |  |  |  |  |  |  |
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