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| General Information | |
| Use Case Number : 6  Use Case Name : Suggest a Movie  Subject Area : Movie suggestions  Description : System uses records to suggest a movie for the user that is currently available in the library | 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 | 10/19/16 |  |
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| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

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| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| User | Person | Person that does all actions |
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| **Pre-Conditions** | |
| # | Description |
| 1 | Program is running and the record file is loaded |

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| **Start Stimulus** |
| Program is waiting for input |

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | User clicks suggest a movie |  |  |
| 2 | System displays recommended movies |  |  |
| 3 | User views movie options |  |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Can’t load movies | Report a error saying to check file paths and folders |  |

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| Post-Conditions | |
| **#** | **Description** |
| 1 | User is viewing movies |
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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Movies |  |  |
| Movies Display |  |  |

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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | There are movies in the catalog | 10/19/16 | 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** |
| Williams | If the log file is empty, it will select a random movie from the catalog | 10/19/16 |
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| Frequency of Execution |
| **Frequency:**  Minimum: 5 Maximum: 100 Average: 50 (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 |  | 2 | sec |  |  | 5 | Don’t want them to wait |
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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| n/a |  |  |  |  |  |  |
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