Use Case Document Example

CMDB Cleanup

Version 1.0

Prepared by Joseph Cotterell

BYU-Idaho – CIT 360

December 17, 2018

**Review History**

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason for Change** | **Version** |
| Joseph Cotterell | 12/17/2018 | Initial Draft | 1.0 (Draft) |
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| --- | --- |
| **Primary Actor** | **Use Cases** |
| Analyst | 1. Analyst Imports Current Scan |
| Analyst | 1. View Asset Changes |

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| **Secondary Actor** | **Use Cases** |
| CMDB Database | 1. Database Provides Current Table Data |
| CMDB Database | 1. Merge Changes |

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| **Use Case ID:** | CMDBCleanup\_1\_Dev |
| **Use Case Name:** | CMDB Cleanup |
| **Created By:** | Joseph Cotterell |
| **Date Created:** | 12/17/2018 |
| **Description:** | This app allows an analyst to take a current asset inventory scan and review for changes to the assets attributes that have occurred since the last scan (Deltas). From there an analyst can retrieve lists of changes in JSON format. It also updates the current table in the database with the identified differences. |
| **Primary Actor:** | Analyst |
| **Secondary Actor:** | CMDB Database |
| **Include Use Case:** | Import Current Scan |
| **Preconditions:** | Compiled.json is in the working directory |
| **Postconditions:** | Java collections are created for further user interaction |
| **Main Flow:** | 1. The analyst imports current scan. 2. Current table is imported from the database |
| **Alternate flows:** | 1. Data or file is incorrect format. 2. User is notified that the file could not be imported. |
| **Exceptions:** |  |
| **Other information:** | File must be json format with all required fields. |

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| **Use Case ID:** | CMDBCleanup\_2\_Dev |
| **Use Case Name:** | CMDB Cleanup |
| **Created By:** | Joseph Cotterell |
| **Date Created:** | 12/17/2018 |
| **Description:** | This app allows an analyst to take a current asset inventory scan and review for changes to the assets attributes that have occurred since the last scan (Deltas). From there an analyst can retrieve lists of changes in JSON format. It also updates the current table in the database with the identified differences. |
| **Primary Actor:** | Analyst |
| **Secondary Actor:** | CMDB Database |
| **Include Use Case:** | View Asset Changes |
| **Preconditions:** | Successful import of latest JSON file; Successful retrieval of current table from Database |
| **Postconditions:** | Differences are exported to a JSON file; Database entries are archived, and new data merged. |
| **Main Flow:** | 1. The analyst selects ‘View Asset Changes’ 2. Historical is compared to current 3. Changes are displayed 4. The analyst selects ‘Export Changes’ 5. JSON file created 6. Fields to be updated are moved to the archive table. 7. Changes are merged into current table 8. Application exits |
| **Alternate flows:** | 1. The analyst selects ‘View Asset Changes’ 2. No changes are available 3. The analyst selects ‘Exit App’ |
| **Exceptions:** |  |
| **Other information:** | File must be json format with all required fields. |