Taskbar Resources

Chart

Description automatically generated

Release: 1.0

Date: October 20, 2021

Submitted By: Morgan Anderson

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Signatory Page

This document accepted by:

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Signature (Calvin Caldwell) Date

This document analyzed by:

X\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature (Morgan Anderson) Date

Revision History

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Author | Company | Version | Date | Comments |
| Morgan Anderson | Anderson Software | 1.0 | 10/20/2021 | Initial Draft |
|  |  |  |  |  |
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# **Context Diagram**



# **Use Case Catalog**

|  |  |  |
| --- | --- | --- |
| Use Case ID | Use Case Name | Description |
| 100 | Open Application | User launches the application |
| 200 | Display on Taskbar | Display the system resources on the taskbar |
| 300 | General Settings | Modify the general application settings |
| 400 | Toolbar Settings | Modify the Toolbar settings for the taskbar |
| 500 | Profile Settings | Modify the settings profiles for the Toolbar |
| 600 | History Settings | Modify the history settings for recording historical data |
| 700 | About Settings | View the about page and check for updates |

# **Actor Catalog Table**

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| General User | Person | Standard user operating the computer |
|  |  |  |

# **Feature Verification Matrix**

|  |  |  |
| --- | --- | --- |
| Feature #’s | Use Case ID | Use Case Name |
| 3 | 100 | Open Application |
| 2 | 200 | Display on Taskbar |
| 4 | 300 | General Settings |
| 5 | 400 | Toolbar Settings |
| 4.3 | 500 | Profile Settings |
| 6 | 600 | History Settings |
| 7 | 700 | About Settings |

# **CRUD Matrix**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Use Case ID | Use Case Name | Person | Tx | C3 | C4 | C5 | C6 | C7 |
|  |  |  |  |  |  |  |  |  |
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# **Use Case Specifications**

## **Open Application**

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| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 100 Start Application  Subject Area : User Operation  Description : User starts the application. | Responsible Analyst : Anderson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1 | User should be able to start the application to open the configuration. |
|  |  |
|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Anderson | 10/18/21 | First Draft |
|  |  |  |
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| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| Display on Taskbar | UC 200 | At 1 |
| General Settings | UC 300 | At 1 |
| Toolbar Settings | UC 400 | At 1 |
| Profile Settings | UC 500 | At 1 |
| History Settings | UC 600 | At 1 |
| About Settings | UC 700 | At 1 |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| General User | Person | Standard user operating the computer. |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Application is installed on the user’s computer. |

|  |
| --- |
| **Start Stimulus** |
| User Clicks the application shortcut or double clicks the toolbar. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | User clicks the shortcut. |  |  |
| 2 | The program window is then displayed. |  |  |
|  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Invalid/Not Compatible OS | Show an error message and close the application. |  |
| Corrupt/Invalid Settings | Warn user and apply default settings. |  |

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| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Application window is visible on the general settings page. |
|  |  |

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| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| N/A |  |  |
|  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Installed on a valid/compatible OS. | 10/18/21 | Anderson |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | OS is not Windows 10 or incompatible. | 10/18/21 | Anderson |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

|  |
| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: Maximum: Average: (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: User Dependent/On Startup |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 1,2 | Seconds | N/A | N/A | 5 | Don’t want assumption that the app is broken. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 1 | Bytes |  |  | 2KB | Application Settings |
| 2 | 1 | Bytes |  |  | 1GB | History Database |
|  |  |  |  |  |  |  |
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## **Display on Taskbar**

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| **General Information** | |
| Use Case Name\Number : UC 200 Display on Taskbar  Subject Area : User Operation  Description : User enables taskbar display. | Responsible Analyst : Anderson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1 | User should be able to toggle the toolbar on and off. |
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|  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Anderson | 10/18/21 | First Draft |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| General User | Person | Standard user operating the computer. |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | The application is running. |

|  |
| --- |
| **Start Stimulus** |
| User Clicks the application shortcut or double clicks the toolbar. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start application steps. | Adds Start Application UC 100 |  |
| 2 | User clicks the general settings tab. |  |  |
| 3 | User clicks checkmark enabling taskbar display. |  |  |
| 4 | User clicks apply to update settings. |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Corrupt/Invalid Settings | Warn user and apply default settings. |  |

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| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | The toolbar is enabled on the taskbar. |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| N/A |  |  |
|  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Application is installed. | 10/18/21 | Anderson |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | There is no room on the taskbar. | 10/18/21 | Anderson |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

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| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: Maximum: Average: (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: Expected Once |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | At | 4 | Seconds | N/A | N/A | 5 | Don’t want assumption that the app is broken. |
|  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 1 | Bytes |  |  | 2KB | Application Settings |
| 2 | 1 | Bytes |  |  | 1GB | History Database |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## **General Settings**

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| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 300 General Settings  Subject Area : User Operation  Description : Modify the general application settings. | Responsible Analyst : Anderson |

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| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1 | User should be able to configure the general application settings. |
|  |  |
|  |  |
|  |  |

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| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Anderson | 10/18/21 | First Draft |
|  |  |  |
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|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| General User | Person | Standard user operating the computer. |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | The application is running. |

|  |
| --- |
| **Start Stimulus** |
| User Clicks the application shortcut or double clicks the toolbar. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start application steps. | Adds Start Application UC 100 |  |
| 2 | User clicks the general settings tab. |  |  |
| 3 | User adjust the general settings. |  |  |
| 4 | User clicks apply to update the settings. |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Corrupt/Invalid Settings | Warn user and apply default settings. |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | The changes the user made to the general settings are applied properly. |
|  |  |

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| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| N/A |  |  |
|  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Application is installed. | 10/18/21 | Anderson |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | The settings are invalid. | 10/18/21 | Anderson |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

|  |
| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: Maximum: Average: (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: User Dependent |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | At | 4 | Seconds | N/A | N/A | 3 | Don’t want assumption that the app is broken. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 1 | Bytes |  |  | 2KB | Application Settings |
| 2 | 1 | Bytes |  |  | 1GB | History Database |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## **Toolbar Settings**

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 400 Toolbar Settings  Subject Area : User Operation  Description : Modify the toolbar settings for the taskbar. | Responsible Analyst : Anderson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1 | User should be able to configure the appearance of the taskbar display. |
|  |  |
|  |  |
|  |  |

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| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Anderson | 10/18/21 | First Draft |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| General User | Person | Standard user operating the computer. |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | The application is running. |

|  |
| --- |
| **Start Stimulus** |
| User Clicks the application shortcut or double clicks the toolbar. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start application steps. | Adds Start Application UC 100 |  |
| 2 | User clicks the toolbar settings tab. |  |  |
| 3 | User adjust the toolbar settings. |  |  |
| 4 | User clicks apply to update the settings. |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Corrupt/Invalid Settings | Warn user and apply default settings. |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | The changes the user made to the Toolbar settings are applied properly. |
|  |  |

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| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| N/A |  |  |
|  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Application is installed. | 10/18/21 | Anderson |  |  |
|  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | The settings are invalid. | 10/18/21 | Anderson |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

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| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: Maximum: Average: (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: User Dependent |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | At | 4 | Seconds | N/A | N/A | 3 | Don’t want assumption that the app is broken. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 1 | Bytes |  |  | 2KB | Application Settings |
| 2 | 1 | Bytes |  |  | 1GB | History Database |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## **Profile Settings**

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 500 Profile Settings  Subject Area : User Operation  Description : Modify the settings profiles for the Toolbar. | Responsible Analyst : Anderson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1 | User should be able to load and save setting profiles. |
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|  |  |
|  |  |

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| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Anderson | 10/18/21 | First Draft |
|  |  |  |
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|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| General User | Person | Standard user operating the computer. |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Application is running. |

|  |
| --- |
| **Start Stimulus** |
| User Clicks the application shortcut or double clicks the toolbar. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start application steps. | Adds Start Application UC 100 |  |
| 2 | User clicks the profile settings tab. |  |  |
| 3 | User adjust the profile settings/applies a profile. |  |  |
| 4 | User clicks apply to update the settings. |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Corrupt/Invalid Settings | Warn user and apply default settings. |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | The changes the user made to the profile settings are applied properly. |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| N/A |  |  |
|  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Application is running. | 10/18/21 | Anderson |  |  |
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| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | The settings are invalid. | 10/18/21 | Anderson |  |  |
|  |  |  |  |  |  |

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| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

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| **Frequency of Execution** |
| **Frequency:**  Minimum: Maximum: Average: (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: User Dependent |

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| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | At | 4 | Seconds | N/A | N/A | 3 | Don’t want assumption that the app is broken. |
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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 1 | Bytes |  |  | 2KB | Application Settings |
| 2 | 1 | Bytes |  |  | 1GB | History Database |
|  |  |  |  |  |  |  |
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## **History Settings**

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| **General Information** | |
| Use Case Name\Number : UC 600 History Settings  Subject Area : User Operation  Description : Modify the history settings for recording historical data. | Responsible Analyst : Anderson |

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| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1 | User should be able to configure recording behavior and export historical data. |
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| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Anderson | 10/18/21 | First Draft |
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| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

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| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| General User | Person | Standard user operating the computer. |
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| **Pre-Conditions** | |
| # | Description |
| 1 | Application is running. |

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| **Start Stimulus** |
| User Clicks the application shortcut or double clicks the toolbar. |

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start application steps. | Adds Start Application UC 100 |  |
| 2 | User clicks the history settings tab. |  |  |
| 3 | User adjust the history settings. |  |  |
| 4 | User clicks apply to update the settings. |  |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Corrupt/Invalid Settings | Warn user and apply default settings. |  |

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| **Post-Conditions** | |
| **#** | **Description** |
| 1 | The changes the user made to the history settings are applied properly. |
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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| N/A |  |  |
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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Application is running. | 10/18/21 | Anderson |  |  |
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| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | The settings are invalid. | 10/18/21 | Anderson |  |  |
|  |  |  |  |  |  |

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| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

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| **Frequency of Execution** |
| **Frequency:**  Minimum: Maximum: Average: (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: User Dependent |

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| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | At | 4 | Seconds | N/A | N/A | 3 | Don’t want assumption that the app is broken. |
|  |  |  |  |  |  |  |  |
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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 1 | Bytes |  |  | 2KB | Application Settings |
| 2 | 1 | Bytes |  |  | 1GB | History Database |
|  |  |  |  |  |  |  |
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## **About Settings**

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| **General Information** | |
| Use Case Name\Number : UC 700 About Page  Subject Area : User Operation  Description : View the about page and check for updates. | Responsible Analyst : Anderson |

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| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1 | User should be able to see developer details and check for updates. |
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| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Anderson | 10/18/21 | First Draft |
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| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| General User | Person | Standard user operating the computer |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Application is running. |

|  |
| --- |
| **Start Stimulus** |
| User Clicks the application shortcut or double clicks the toolbar. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start application steps. | Adds Start Application UC 100 |  |
| 2 | User clicks the about tab. |  |  |
| 3 | User clicks check for updates. |  |  |
| 4 | Program checks online to see if an update is available and prompts user to download. |  |  |
| 5 | Program is updated after downloading. |  |  |

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| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Update Server Not Reachable | Warn user it failed to check for updates. |  |

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| **`** | |
| **#** | **Description** |
| 1 | The program tells the user there is no update available or the program is updated. |
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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| N/A |  |  |
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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | The update server is running. | 10/18/21 | Anderson |  |  |
|  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | The program cannot contact the update server. | 10/18/21 | Anderson |  |  |
|  |  |  |  |  |  |

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| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

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| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: Maximum: Average: (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: User Dependent |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 3,4 | Seconds | N/A | N/A | 5 | Don’t want assumption that the app is broken. |
|  |  |  |  |  |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 1 | Bytes |  |  | 2KB | Application Settings |
| 2 | 1 | Bytes |  |  | 1GB | History Database |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |



















# **Low Fidelity UI**

A computer screen with a blue background

Description automatically generated with low confidence

# **Appendix A**