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| General Information | |
| Use Case ID Number : UC105  Subject Area : Login Page  Description : Accessing manager functions | Responsible Analyst : Ryan Williams |

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| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 1.3 | The system shall allow authorized users to exit the login window |
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| Revision History | | |
| Author | **Date** | **Comments** |
| Ryan Williams | 3/13/2016 | First draft |
| Phillip Smith | 3/14/2016 | Fixed requirements and steps |
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| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| Login | 100 | 07 |
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| **Actors** | | |
| **Actor Name** | **P/S** | **Brief Description** |
| Manager | P | System user that has elevated permissions. |
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| **Pre-Conditions** | |
| # | Description |
|  | Login has been validated |

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| **Start Stimulus** |
| Manager selects manager functions |

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt UC Name/Number** | **Bus Rule(s)#** |
| 01 | Manager types his username and password into login window |  |  |
| 02 | Manager Selects the manager functions button |  |  |
| 03 | Login page checks users permissions from database |  |  |
| 04 | Manager has permissions, functions page opens |  |  |
| 05 | Manager selects back button | Exit Prog/106, Restart Station/107, Shutdown Station/108 |  |
|  | Functions page closes and returns to login page |  |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds/Alt Use Case #** |
| Invalid permissions level | Displays message on the login screen |  |
| Server connection lost | Displays message on the login screen |  |

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| Post-Conditions | |
| **#** | **Description** |
| 1 | Function Page closes |
| 2 | Program returns to “Login” screen |

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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Employee | Employee at the store | Name, Permissions, etc |
| Functions Page | Contains all of the functions for managers | Restart, shutdown, etc |

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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Managers only speak English? | 3/13/2016 | Ryan Williams |  |  |
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| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Database connection lost | 3/13/2016 | Ryan Williams |  |  |
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| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
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| Frequency of Execution |
| **Frequency:**  Minimum: 4 Maximum: 50 Average: 15 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Day:  Other: |

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| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | AT | 02 | seconds |  |  | 2 | Query should not take long to check permissions |
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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 02 | bytes |  | 4k |  |  |
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| **Alternate Course General Information** |
| Alternate Course Name: Exit Program Manager Function  Alternate Course Number: 106  Parent Use Case Name: Accessing Manger Functions  Parent Use Case Number: 105  Description: Manager accessing  Reason for Execution: Non Exception:  Exception:  Exception #:  Start(Trigger) Stimulus:  Type of Execution (optional): Manual:  Automatic: |

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| Insertion Point |
| Step Inserted After |
| 04 |

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| Pre-Conditions | |
| 1. |  |
| 2. |  |

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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds/Alt Use Case #** | **Business Rule(s)#** |
| 1. | Clicking the exit program button |  |  |
| 2. | Program exits |  |  |
| 3. |  |  |  |
| 4. |  |  |  |

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| Post-Conditions | |
| 1. | Program is closed |
| 2. |  |
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| **Alternate Course General Information** |
| Alternate Course Name: Restart Station  Alternate Course Number: 107  Parent Use Case Name: Manager Accessing  Parent Use Case Number: 105  Description: Accessing manager functions  Reason for Execution: Non Exception:  Exception:  Exception #:  Start(Trigger) Stimulus: Clicking Manager Button  Type of Execution (optional): Manual:  Automatic: |

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| Insertion Point |
| Step Inserted After |
| 04 |

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| Pre-Conditions | |
| 1. | Clicking the Manager functions button |
| 2. |  |

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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds/Alt Use Case #** | **Business Rule(s)#** |
| 1. | Clicking Restart button |  |  |
| 2. | Program closes |  |  |
| 3. | System Restarts |  |  |
| 4. |  |  |  |

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| Post-Conditions | |
| 1. | Program is closed |
| 2. | System restarts |

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| **Alternate Course General Information** |
| Alternate Course Name: Shutdown System  Alternate Course Number: 108  Parent Use Case Name: Manager accessing  Parent Use Case Number: 105  Description: accessing a manager function  Reason for Execution: Non Exception:  Exception:  Exception #:  Start(Trigger) Stimulus: Clicking Shutdown button  Type of Execution (optional): Manual:  Automatic: |

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| Insertion Point |
| Step Inserted After |
| 04 |

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| Pre-Conditions | |
| 1. | Logged in |
| 2. |  |

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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds/Alt Use Case #** | **Business Rule(s)#** |
| 1. | Clicking the Shutdown button |  |  |
| 2. | Program exits |  |  |
| 3. | System shutdown |  |  |
| 4. |  |  |  |

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| Post-Conditions | |
| 1. | Program closes |
| 2. | System shutdown |