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| General Information | |
| Use Case ID Number: UC144  Subject Area: Admin Program  Description: Managers/Owners want to search for an item in their inventory. | Responsible Analyst: Sasha Iliyn |

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| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 21 | The system shall allow the user to search product types. |
| 21.1. | The system shall allow the user to search for a product type name. |
| 21.2. | The system shall allow the user to search for a product type barcode. |
| 21.3. | The system shall allow the user to search for a product type quantity. |
| 21.4. | The system shall allow the user to search for a product type cost. |

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| Revision History | | |
| Author | **Date** | **Comments** |
| Sasha Iliyn | 6/03/2016 | First draft. |

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| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| N/A | N/A | N/A |

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| **Actors** | | |
| **Actor Name** | **P/S** | **Brief Description** |
| Manager | P | Manager can search for an item in the inventory. |
| Owner | P | Manager can search for an item in the inventory. |

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| **Pre-Conditions** | |
| **#** | **Description** |
|  | A Manager/Owner must be logged into the Admin Program. |

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| **Start Stimulus** |
| Manager/Owner wishes to search for an item in the inventory. |

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt UC Name/Number** | **Bus Rule(s)#** |
| 01 | Manager/Owner determines item they want to search for. |  |  |
| 02 | Manager/Owner searches for the item. |  |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds/Alt Use Case #** |
| N/A | N/A |  |

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| Post-Conditions | |
| **#** | **Description** |
| 1 | Item is found in the inventory. |
| 2 | Item is not found in the inventory. |

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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Manager | Manager using Admin program. | Name, Permissions |
| Owner | Owner using Admin program. | Name, Permissions |

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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
|  | N/A | N/A | N/A | N/A | N/A |

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| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
|  | N/A | N/A | N/A | N/A | N/A |

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

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| Frequency of Execution |
| **Frequency:**  Minimum: 24 Maximum: 240 Average: 120 (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 | 05 | seconds |  |  | 1 | Display must be updated immediately |

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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
|  | N/A | N/A | N/A | N/A | N/A | N/A |

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| **Alternate Course General Information** |
| Alternate Course Name:  Alternate Course Number:  Parent Use Case Name:  Parent Use Case Number:  Description:  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 |
| N/A |

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| Pre-Conditions | |
| 1. | N/A |

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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds/Alt Use Case #** | **Business Rule(s)#** |
| 1. | N/A | N/A | N/A |

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| Post-Conditions | |
| 1. | N/A |