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| General Information | |
| Use Case ID Number : Adds 1  Subject Area : Interactive Scheduler  Description : User wants to move an item on the schedule | Responsible Analyst : Brandon Westmoreland |

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| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 4.1.1. – 1.1 | The user will be able to change the order of the scheduled items |

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| Revision History | | |
| Author | **Date** | **Comments** |
| Brandon Westmoreland | 10/20/15 | First draft |

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| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| Create Schedule | 1-1 | 2 |

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| **Actors** | | |
| **Actor Name** | **P/S** | **Brief Description** |
| Schedule user | P | User of the application |

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| **Pre-Conditions** | |
| # | Description |
| 1 | Coating schedule is open |

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| **Start Stimulus** |
| User clicks on arrow button on work item |

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt UC Name/Number** | **Bus Rule(s)#** |
| 1 | Item is moved in the direction of the arrow | Next Shift/Alt1, Next Day/Alt2 |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds/Alt Use Case #** |
| Direction is invalid, I.E. up when already top item. | Ignore input. |  |
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| Post-Conditions | |
| **#** | **Description** |
| 1 | Item is moved on schedule |

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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| SchedulingUser | User of the scheduler | Name, pass, etc |
| WorkItem | Item to be made in coating | Name, description, size, qty, etc |

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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | User understands English | 10/20/14 | Brandon Westmoreland |  |  |

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| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
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| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
|  |  |  |

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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 | Between | 1,2 | Seconds |  | .2 | 2 | Item should move in a timely manor. |

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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
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| **Alternate Course General Information** |
| Alternate Course Name: Next Shift  Alternate Course Number: 1  Parent Use Case Name: Reorder Schedule  Parent Use Case Number: Adds 1  Description: Item moved in schedule is moved out of a shift  Reason for Execution: Non Exception:  Exception:  Exception #:  Start(Trigger) Stimulus: User wants to move item out of a shift  Type of Execution (optional): Manual:  Automatic: |

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| Insertion Point |
| Step Inserted After |
| 1 |

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| Pre-Conditions | |
| 1. | Item is to be moved in a direction that would move it out of the current shift |
| 2. | There is a shift in the direction of the movement |

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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds/Alt Use Case #** | **Business Rule(s)#** |
| 1. | Move item to the next available shift in the direction of movement |  |  |

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| Post-Conditions | |
| 1. | Display schedule |

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| **Alternate Course General Information** |
| Alternate Course Name: Next Day  Alternate Course Number: 2  Parent Use Case Name: Reorder Schedule  Parent Use Case Number: Adds 1  Description: Item moved in schedule is moved out of a day  Reason for Execution: Non Exception:  Exception:  Exception #:  Start(Trigger) Stimulus: User wants to move item out of a shift  Type of Execution (optional): Manual:  Automatic: |

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| Insertion Point |
| Step Inserted After |
| 1 |

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| Pre-Conditions | |
| 1. | Item is to be moved in a direction that would move it out of the current day |
| 2. | There is a day in the direction of the movement |

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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds/Alt Use Case #** | **Business Rule(s)#** |
| 1. | Move item to the next available day in the direction of movement |  |  |

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| Post-Conditions | |
| 1. | Display schedule |