System Specification

In this part of the document use cases will be use to show the specific details in achieving the user requirements. Each .use case is number using two numbers separated by full stops. The first specify the related user requirements.

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| **Use Case No:** | 1.0 |
| **Use Case Name** | Create Standing Order |
| **Related Requirements** | Customer Account must exist  The items requested must be available |
| **Goal in Context** | User must be able to create a standing order |
| **Pre Condition** | User must have access to application |
| **Successful Condition** | Standing order is created successfully |
| **Failed Condition** | Standing order is not created successfully |
| **Primary Actors** | Office Clerk, Customer |
| **Secondary Actors** | Manager |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Order Processing  4.Select Standing Order  5.Select Standing Order Day  6.Add Items  7.Enter Quantity for each item  8.Select status of item  9.Select Save |

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| **Use Case No:** | 2.0 |
| **Use Case Name** | Modify Standing Order |
| **Related Requirements** | Customer Account must exist  The standing order must exist  The items requested must be available |
| **Goal in Context** | User must be able to modify a standing order |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Standing order is modified successfully |
| **Failed Condition** | Standing order is not modified successfully |
| **Primary Actors** | Office Clerk, Customer, Merchandiser |
| **Secondary Actors** | Manager |
| **Triggers** | The selection of the edit standing order option |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Order Processing  4.Select Standing Order  5.Select Edit Standing Order  6.Enter/Double Click Standing Order Number  7.Click on option which changes are to be made to  8.Make changes  9.Select Save |

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| **Use Case No:** | 3.0 |
| **Use Case Name** | View Standing Order |
| **Related Requirements** | Customer Account must exist  The standing order must exist |
| **Goal in Context** | User must be able to view a standing order |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Standing order is viewed successfully |
| **Failed Condition** | Standing order is not viewed successfully |
| **Primary Actors** | Office Clerk, Customer, Merchandiser |
| **Secondary Actors** | Manager |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Order Processing  4.Select Standing Order/Double Click Standing Order Number  5.If Standing Order is selected, then enter standing order  Number to find the standing order |

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| **Use Case No:** | 4.0 |
| **Use Case Name** | Delete Standing Order |
| **Related Requirements** | Customer Account must exist  The standing order must exist |
| **Goal in Context** | User must be able to delete a standing order |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Standing order is deleted successfully |
| **Failed Condition** | Standing order is not deleted successfully |
| **Primary Actors** | Office Clerk, Customer |
| **Secondary Actors** | Manager |
| **Triggers** | The selection of the delete standing order option |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Order Processing  4.Select Standing Order/Double Click Standing Order Number  5.If Standing Order is selected, then enter standing order  Number to find the standing order  6.Select delete standing order  7.Select ok/cancel to feedback message |

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| **Use Case No:** | 5.0 |
| **Use Case Name** | Generate Orders from All Standing Orders |
| **Related Requirements** | Customer Account must exist  Standing Orders must exist  Standing Orders must be approved |
| **Goal in Context** | User must be able to generate orders from all standing orders |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Orders are generated successfully |
| **Failed Condition** | Orders are not generated successfully |
| **Primary Actors** | Office Clerk |
| **Secondary Actors** | Manager |
| **Triggers** | The selection of the generate orders option |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Order Processing  4.Select Generate All Orders Option  5.Select Ok/Cancel to feedback message |

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| **Use Case No:** | 6.0 |
| **Use Case Name** | Generate Order from One Standing Order |
| **Related Requirements** | Customer Account must exist  Standing Orders must exist  Standing Order must be approved |
| **Goal in Context** | User must be able to generate order from one standing order |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Order is generated successfully |
| **Failed Condition** | Order is not generated successfully |
| **Primary Actors** | Office Clerk |
| **Secondary Actors** | Manager |
| **Triggers** | The selection of the generate order option |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Order Processing  4.Select Standing Order  5.Select Customer Number  6.Enter Standing Order Number to find the standing order  7.Select Generate Order Option  9.Select Ok/Cancel to feedback message |

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| **Use Case No:** | 7.0 |
| **Use Case Name** | Create Independent Order |
| **Related Requirements** | The items requested must be available |
| **Goal in Context** | User must be able to create independent orders |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Independent Order is created successfully |
| **Failed Condition** | Independent Order is not created successfully |
| **Primary Actors** | Office Clerk, Customer, Delivery Personnel |
| **Secondary Actors** | Manager |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Order Processing/Order  4.Select Customer Number if primary actor is not customer  5.Add Items  6.Enter Quantity for each item  7.Select Save |

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| **Use Case No:** | 8.0 |
| **Use Case Name** | View Order |
| **Related Requirements** | Customer Account must exist  Order must exist |
| **Goal in Context** | User must be able to view an order |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Order is viewed successfully |
| **Failed Condition** | Order is not viewed successfully |
| **Primary Actors** | Office Clerk, Customer |
| **Secondary Actors** | Manager |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Oder Processing/Double Click on Order Number  4. If Order Processing is selected, enter Order Number to find order |

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| **Use Case No:** | 9.0 |
| **Use Case Name** | Approve Standing Orders |
| **Related Requirements** | Customer Account must exist  Standing Orders must exist |
| **Goal in Context** | User must be able to approve standing orders |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Standing Orders are approved successfully |
| **Failed Condition** | Standing Orders are not approved successfully |
| **Primary Actors** | Office Clerk |
| **Secondary Actors** | Manager |
| **Triggers** | Modification of Standing Orders |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Order Processing  4.Select Approve Standing Orders  5.Select Save |

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| **Use Case No:** | 10.0 |
| **Use Case Name** | View Invoice |
| **Related Requirements** | Invoice must exist |
| **Goal in Context** | User must be able to view an invoice |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Invoice is viewed successfully |
| **Failed Condition** | Invoice is not viewed successfully |
| **Primary Actors** | Office Clerk, Customer, Delivery Personnel |
| **Secondary Actors** | Manager |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Order Processing  4.Select Invoices/Double Click Invoice Number  5.If Invoices is selected, enter invoice number to find invoice |

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| **Use Case No:** | 11.0 |
| **Use Case Name** | View Ledger |
| **Related Requirements** | Customer Account must exist |
| **Goal in Context** | User must be able to view their ledger |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Ledger is viewed successfully |
| **Failed Condition** | Ledger is not viewed successfully |
| **Primary Actors** | Customer |
| **Secondary Actors** | Manager |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in |

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| **Use Case No:** | 18.0 |
| **Use Case Name** | View All Standing Orders for a Customer |
| **Related Requirements** | Customer Account must exist |
| **Goal in Context** | User must be able to view all standing orders for a customer |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | All standing orders for a customer are viewed successfully |
| **Failed Condition** | All standing orders for a customer are not viewed successfully |
| **Primary Actors** | Merchandiser |
| **Secondary Actors** | Manager |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Standing Orders  4.Enter Customer Number to find standing orders |

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| **Use Case No:** | 21.0 |
| **Use Case Name** | Sync Data to and from the System |
| **Related Requirements** |  |
| **Goal in Context** | User must be able to sync all data to and from the system |
| **Pre-Conditions** | User must have access to application  User must have an internet connection |
| **Successful Condition** | All data is synced successfully |
| **Failed Condition** | All data is not synced successfully |
| **Primary Actors** | Delivery Personnel |
| **Secondary Actors** | Manager |
| **Triggers** | Data changes in System |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select the Sync Option |

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| **Use Case No:** | 22.0 |
| **Use Case Name** | Confirm Invoice |
| **Related Requirements** | Invoice must exist |
| **Goal in Context** | User must be able to confirm an invoice |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Invoice is confirmed successfully |
| **Failed Condition** | Invoice is not confirmed successfully |
| **Primary Actors** | Delivery Personnel |
| **Secondary Actors** | Manager |
| **Triggers** | Delivered Order |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Invoice Option  4.Enter Customer Number to find Invoice  5. Select the Confirm Option |

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| **Use Case No:** | 23.0 |
| **Use Case Name** | Create A Note for Discrepancies |
| **Related Requirements** | Invoice must exist |
| **Goal in Context** | User must be able to create a note for discrepancies |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Note for discrepancy is created successfully |
| **Failed Condition** | Note for discrepancy is not created successfully |
| **Primary Actors** | Delivery Personnel |
| **Secondary Actors** | Manager |
| **Triggers** | Discrepancy in an order |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Invoice Option  4.Enter Customer Number to find Invoice  5. Adjust quantity for each item altered  6. Make a comment pertaining to the adjusted quantities  7.Select OK option |

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| **Use Case No:** | 26.0 |
| **Use Case Name** | Adjust An Invoice |
| **Related Requirements** | Invoice must exist |
| **Goal in Context** | User must be able to adjust an invoice |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Invoice is adjusted successfully |
| **Failed Condition** | Invoice is not adjusted successfully |
| **Primary Actors** | Delivery Personnel |
| **Secondary Actors** | Manager |
| **Triggers** | Returned Items |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Invoice Option  4.Enter Customer Number to find Invoice  5.Select Start Date  6.Select End Date  7.Select the Find Option to find the Invoices for those dates  8.Select Invoice to adjust  9. Enter quantity returned for each item in active quantity field  10.Select Save Option |

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| **Use Case No:** | 27.0 |
| **Use Case Name** | Log In |
| **Related Requirements** | User Account must exist |
| **Goal in Context** | User must be able to log in to the system |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Log in to the system is done successfully |
| **Failed Condition** | Log in to the system is not done successfully |
| **Primary Actors** | Office Clerk, Customer, Merchandiser, Delivery Personnel, Manager, Owner |
| **Secondary Actors** |  |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Enter username  3.Enter password  4.Select type of user  5.Select the sign in option |

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| **Use Case No:** | 28.0 |
| **Use Case Name** | Approve Changes |
| **Related Requirements** | User must have authority to approve |
| **Goal in Context** | User must be able to approve changes made |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Changes are approved successfully |
| **Failed Condition** | Changes are not approved successfully |
| **Primary Actors** | Office Clerk |
| **Secondary Actors** | Manager |
| **Triggers** | Modified Data in System |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Approve Changes Option |

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| **Use Case No:** | 29.0 |
| **Use Case Name** | Display Feedback Message Box |
| **Related Requirements** |  |
| **Goal in Context** | User must be able to view a feedback message box |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Feedback message box is viewed successfully |
| **Failed Condition** | Feedback message box is not viewed successfully |
| **Primary Actors** | Office Clerk, Customer, Delivery Personnel, Merchandiser, Manager, Owner |
| **Secondary Actors** |  |
| **Triggers** | Selecting an option(button) |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select an option(button) |

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| **Use Case No:** | 30.0 |
| **Use Case Name** | Print Standing Order |
| **Related Requirements** | Customer Account must exist  Standing Order must exist |
| **Goal in Context** | User must be able print a standing order |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Standing Order is printed successfully |
| **Failed Condition** | Standing Order is not printed successfully |
| **Primary Actors** | Office Clerk, Customer |
| **Secondary Actors** | Manager |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Order Processing/Double Click Standing Order Number  4.If Order Processing is selected, then enter Standing Order  Number to find the Standing Order  5.Select the Print Option |

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| **Use Case No:** | 31.0 |
| **Use Case Name** | Print Order |
| **Related Requirements** | Customer Account must exist  Order must exist |
| **Goal in Context** | User must be able print an order |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Order is printed successfully |
| **Failed Condition** | Order is not printed successfully |
| **Primary Actors** | Office Clerk, Customer |
| **Secondary Actors** | Manager |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Order Processing/Double Click Order Number  4.If Order Processing is selected, then enter Order Number to  find the order  5.Select the Print Option |

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| **Use Case No:** | 32.0 |
| **Use Case Name** | Print Invoice |
| **Related Requirements** | Customer Account must exist  Invoice must exist |
| **Goal in Context** | User must be able print an invoice |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Invoice is printed successfully |
| **Failed Condition** | Invoice is not printed successfully |
| **Primary Actors** | Office Clerk, Customer, Delivery Personnel |
| **Secondary Actors** | Manager |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select Order Processing/Double Click Invoice Number  4.If Order Processing is selected, then enter Invoice Number to  Find the invoice  5.Select the Print Option |

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| **Use Case No:** | 33.0 |
| **Use Case Name** | Print Note (Debit/Credit) |
| **Related Requirements** | Customer Account must exist  Note must exist |
| **Goal in Context** | User must be able print a note |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Note is printed successfully |
| **Failed Condition** | Note is not printed successfully |
| **Primary Actors** | Office Clerk, Customer, Delivery Personnel |
| **Secondary Actors** | Manager |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in  3.Enter Note Number/Double Click Invoice Number  4.Select the Print Option |

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| **Use Case No:** | 34.0 |
| **Use Case Name** | Search for a Parameter |
| **Related Requirements** | Document related to parameter must exist |
| **Goal in Context** | User must be able search and retrieve results for parameter |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Results for a search was returned successfully |
| **Failed Condition** | Results for a search was not returned successfully |
| **Primary Actors** | Office Clerk, Customer, Delivery Personnel, Merchandiser, Manager |
| **Secondary Actors** |  |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in  3.Enter Parameter in Search Bar |

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| **Use Case No:** | 35.0 |
| **Use Case Name** | Obtain Help(Assistance) |
| **Related Requirements** |  |
| **Goal in Context** | User must be able to get results when they select the help option |
| **Pre-Conditions** | User must have access to application |
| **Successful Condition** | Feedback for help request was returned successfully |
| **Failed Condition** | Feedback for help request was not returned successfully |
| **Primary Actors** | Office Clerk, Customer, Delivery Personnel, Merchandiser, Manager |
| **Secondary Actors** |  |
| **Triggers** | None |
| **Main Flow** | 1.Launch the application  2.Log in  3.Select the help option |