**Online Music Store Management System**

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| Use Case ID | 01 |
| Use Case Name | Add new item |
| Use Case Description | Adding a new item into the music store |
| Actors | Manager |
| Pre Condition | 1. Display available managerial options. 2. The manager must’ve selected the “add new item” option. |
| Post Conditions | The manager should get the option to choose between a new CS item/ a new Vinyl item. |
| Path |  |
| Primary Path | 1. The manager requests the system to add a new item    1. The system requests the manager to choose whether to add a CD or a Vinyl |
| Alternate Path | n/a (not applicable) |
| Exception Path | n/a (not applicable) |
| Assumption | n/a |

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| Use Case ID | 02 |
| Use Case Name | Add CD |
| Use Case Description | Adding a new CD item into the music store |
| Actors | Manager |
| Pre Condition | The manager must’ve selected the “Enter CD” option. |
| Post Conditions | 1. The system should save the added item with its information  2. The main menu is re-prompted |
| Path |  |
| Primary Path | 1. The manager adds all the required information of the new CD   2.1 The system saves the information relevant to the CD. |
| Alternate Path | n/a (not applicable) |
| Exception Path | n/a (not applicable) |
| Assumption | n/a |

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| Use Case ID | 03 |
| Use Case Name | Add Vinyl |
| Use Case Description | Adding a new Vinyl item into the music store |
| Actors | Manager |
| Pre Condition | The manager must’ve selected the “Enter CD” option. |
| Post Conditions | 1. The system should save the added item with its information  2. The main menu is re-prompted |
| Path |  |
| Primary Path | 1. The manager adds all the required information of the new Vinyl   3.1 The system saves the information relevant to the Vinyl. |
| Alternate Path | n/a (not applicable) |
| Exception Path | n/a (not applicable) |
| Assumption | n/a |

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| Use Case ID | 04 |
| Use Case Name | Delete Item |
| Use Case Description | Delete a selected item form the music store |
| Actors | Manager |
| Pre Condition | 1. Items should have been added to the music store  2. Display available managerial options.  3. The manager should have selected the “delete item” option from the main menu  4. The main menu is re-prompted |
| Post Conditions | 1. Display the number of remaining spaces  2. Display the type of the item that has been deleted |
| Path |  |
| Primary Path | 4.0 The system prompts for an ‘item ID’ to be deleted  4.1 The manager enters an item ID |
| Alternate Path | n/a (not applicable) |
| Exception Path | n/a (not applicable) |
| Assumption | When an item is deleted, all information relevant to that item is deleted |

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| Use Case ID | 05 |
| Use Case Name | Identify remaining spaces |
| Use Case Description | The manager should be able to identify the remaining number of free spaces in the music store |
| Actors | Manager |
| Pre Condition | The manager should have added an item to/ deleted an item from the music store. |
| Post Conditions | The main menu should be re-prompted |
| Path |  |
| Primary Path | 5.0 The system displays the remaining number of spaces |
| Alternate Path | 5.0 The system displays a message that there are no available spaces |
| Exception Path | n/a (not applicable) |
| Assumption | The system can keep track of the count of the number of items entered. |

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| Use Case ID | 06 |
| Use Case Name | Give Item ID |
| Use Case Description | Entering the item ID of item to be deleted |
| Actors | Manager |
| Pre Condition | 1. Items should have been added to the music store  2. Display available managerial options.  3. The manager should have selected the “delete item” option from the main menu |
| Post Conditions | 1. Display the number of remaining spaces  2. Display the type of the item that has been deleted |
| Path |  |
| Primary Path | 4.0 The system prompts for an ‘item ID’ to be deleted  4.1 The manager enters an item ID |
| Alternate Path | n/a (not applicable) |
| Exception Path | n/a (not applicable) |
| Assumption | n/a (not applicable) |

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| Use Case ID | 07 |
| Use Case Name | Print list of items |
| Use Case Description | Printing the list of items in-store, with their information |
| Actors | Manager |
| Pre Condition | 1. Items should have been added to the music store  2. Display available managerial options.  3. The manager should have selected the “print list of items” option from the main menu  4. The main menu is re-prompted |
| Post Conditions |  |
| Path |  |
| Primary Path |  |
| Alternate Path | n/a (not applicable) |
| Exception Path | n/a (not applicable) |
| Assumption | n/a (not applicable) |

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| Use Case ID | 08 |
| Use Case Name | Sort items in ascending order |
| Use Case Description | Sorting the items in ascending order of title |
| Actors | Manager |
| Pre Condition |  |
| Post Conditions |  |
| Path |  |
| Primary Path |  |
| Alternate Path | n/a (not applicable) |
| Exception Path | n/a (not applicable) |
| Assumption | n/a (not applicable) |

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| Use Case ID | 08 |
| Use Case Name | Open GUI |
| Use Case Description | Opening the Graphical User Interface, to see all the information for each item |
| Actors | Manager |
| Pre Condition |  |
| Post Conditions |  |
| Path |  |
| Primary Path |  |
| Alternate Path | n/a (not applicable) |
| Exception Path | n/a (not applicable) |
| Assumption | n/a (not applicable) |