# Add to Cart

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| **Use Case Name:** | *Add to cart* | |
| **Description:** | *Customer is adding items to their cart* | |
| **Actor(s):** | *Customer* | |
| **Preconditions:** | *The customer is wanting to add an item to their cart.* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
| *1. Customer clicks add to cart button* | *2. System processes the quantity of items and adds them to cart*  *3. System notifies customer the item was added to cart* |
| **Post-conditions:** | *Items are added to the customers cart.* | |

# Search for Items

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| **Use Case Name:** | *Search for items* | |
| **Description:** | *Customer is looking for items to purchase* | |
| **Actor(s):** | *Customer* | |
| **Preconditions:** | *The customer is wanting to search for items to purchase* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
| *1. Customer enters their search query into the search bar*  *2. Customer confirms the search* | *3. System searches the database for the items that match the search*  *4. System displays to user the items that are in stock to the customer* |
| **Post-conditions:** | *The customer is displayed the items based on their search query.* | |

# Purchase Cart

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| **Use Case Name:** | *Purchase Cart* | |
| **Description:** | *Customer is looking to purchase the items in their carts* | |
| **Actor(s):** | *Customer* | |
| **Preconditions:** | *The customer is wanting to purchase the items they have selected in their cart* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
| *1. Customer navigates to their cart*  *2. Customer selects purchase on their car*    *5. Customer views order details*  *6. Customer enters payment details and confirms orders* | *3. System Generates order total*  *4. System displays the order total and items to customer*  *7. System checks customer payments details*  *8. Systems notifies customer order has been placed* |
| **Post-conditions:** | *The customer has now placed an order and has been notified that is had been placed* | |

# View Orders

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| **Use Case Name:** | *View Orders* | |
| **Description:** | *Customer wants to view their order history* | |
| **Actor(s):** | *Customer* | |
| **Preconditions:** | *The customer is looking to view their order history and is on the order history page.* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
| *1. Customer requests to view order history on the order history page* | *2. System searches for the customer order history*  *3. Displays the customer order history to the customer* |
| **Post-conditions:** | *The customer has been successfully shown their order history.* | |

# Login

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| **Use Case Name:** | *Login* | |
| **Description:** | *Customer or admin are looking to log in* | |
| **Actor(s):** | *Customer, Admin* | |
| **Preconditions:** | *The customer or admin are looking to log in to the TCG store. The user is already on the log in page* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
| *1. Customer or admin fill out the log in details* | *2. System verifies the log in information is correct*  *3. Displays success and sends the logged in user back to the main page* |
| **Post-conditions:** | *The customer or admin has successfully logged into the website.* | |

# Manage Orders

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| **Use Case Name:** | *Manage Orders* | |
| **Description:** | *Admin is looking to manage all current orders* | |
| **Actor(s):** | *Admin* | |
| **Preconditions:** | *The admin is on the order management page and is looking to view all orders* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
| *2. Admin finds the order they want to manage*  *3. Admin alters any information to do with the order and clicks save* | *1. System populates the page with all orders that are no completed*  *4. System updates the order information*  *5. System notifies the admin that the order has been updated*  *6. System notifies customer of any order changes* |
| **Post-conditions:** | *The admin has successfully managed an order* | |

# Update Inventory

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| **Use Case Name:** | *Update Inventory* | |
| **Description:** | *Admin wants to change the inventory numbers and details* | |
| **Actor(s):** | *Admin* | |
| **Preconditions:** | *The admin wants to change inventory numbers and details. The admin in on the inventory page* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
| 1. *Admin selects the set to view*   *3. The admin updates the inventory details for an item in the stock*  *4. The admin saves the changes* | *2. The system displays all the inventory based on the set*  *5. The system processes the update of the inventory items*  *6. The admin is notified of the changes to the inventory* |
| **Post-conditions:** | *The admin has successfully update inventory* | |

# Add to Inventory

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| **Use Case Name:** | *Add to Inventory* | |
| **Description:** | *Admin is looking to add new items to the store’s inventory* | |
| **Actor(s):** | *Admin* | |
| **Preconditions:** | *The admin wants to add items to the inventory. They are already on the add inventory page* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
| *1. Admin selects the set to add to inventory*  *3. Admin fills out details of items to be added*  *4. Admin submits the inventory to be added* | *2. System displays all results from the set*  *5. System saves the new additions*  *6. System notifies the admin the new items have been added to inventory* |
| **Post-conditions:** | *The customer is displayed the items based on their search query.* | |

# View Orders

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| **Use Case Name:** | *View Orders* | |
| **Description:** | *Admin is looking to view all current orders in the system* | |
| **Actor(s):** | *Admin* | |
| **Preconditions:** | *The admin is looking to view all the current orders in the system. They are already on the order page.* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
|  | *1. System displays all the current orders in the system* |
| **Post-conditions:** | *The admin has successfully viewed all the current orders* | |

# Create Delivery Route

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| **Use Case Name:** | *Create Delivery Route* | |
| **Description:** | *Admin needs a delivery route created* | |
| **Actor(s):** | *Admin* | |
| **Preconditions:** | *Admin has orders that need to be delivered. They are on the order delivery page* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
| *1. Requests a delivery route to be created* | *2. The system finds all due orders for the date of delivery*  *3. System generates the delivery route*  *4. System displays the delivery route to the admin* |
| **Post-conditions:** | *The admin has successfully obtained a delivery route* | |

# Notify Admin of Orders

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| **Use Case Name:** | *Notify Admin of Orders* | |
| **Description:** | *The system is needing to notify the admins of orders* | |
| **Actor(s):** | *System* | |
| **Preconditions:** | *A new order has been placed* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
| *1. System sends order details* | *2. System collects all order details*  *3. System sends notification or the admin of an order* |
| **Post-conditions:** | *System has notified the admin of an order* | |

# Send Customer Receipt

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| **Use Case Name:** | *Send Customer Receipt* | |
| **Description:** | *A customer needs to receive a receipt of the order* | |
| **Actor(s):** | *System* | |
| **Preconditions:** | *A customer has completed their order that has been placed.* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
| *1. System collects all the order information* | *2. System sends email to the customer about the items purchased* |
| **Post-conditions:** | *The customer has received their receipt of their purchase* | |

# Shipping Confirmation

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| **Use Case Name:** | *Shipping Confirmation (Extension of manage orders)* | |
| **Description:** | *System needs to update the shipping confirmation of an order* | |
| **Actor(s):** | *System* | |
| **Preconditions:** | *An order has been updated in it’s shipping status or delivery status* | |
| **Normal flow of events:** | **Actor action** | **System Response** |
| *1. System verifies that the order has been updated* | *2. The system updates the shipping or delivery status*  *3. System sends notification of the update to the shipping or delivery status* |
| **Post-conditions:** | *The system has updated the status of the shipping status* | |