UC-1: Enter Order

|  |  |
| --- | --- |
| Description | This use case describes how a customer can enter a new order into the system. |
| Actors | * Customer
* System
* Market
 |
| Preconditions | Customer is logged on to website. |
| Postconditions | * The trade has been processed
* The Customer has gotten the confirmation from the system
 |
| Trigger |  |

# Basic Flow

| Step ID | Actor | Action | Notes and References |
| --- | --- | --- | --- |
| BF-1 | Customer | Customer navigates to the order entry page. |  |
| BF-2 | System | System displays the order entry page |  |
| BF-3 | Customer | Customer enters the following order details:* Buy or Sell
* Quantity
* Stock Symbol
 |  |
| BF-4 | Customer | Customer submits the order. |  |
| BF-5 | System | System validates the information entered by the customer. | AF-1: Customer enters invalid information |
| BF-6 | System | System submits the order to the marketplace. |  |
| BF-7 | Market | Market executes the order. |  |
| BF-8 | Market | Market sends the execution report to the system. |  |
| BF-9 | System | System displays the execution report to the customer. |  |

# Alternate Flows

### AF-1: Customer enters invalid information

| Step ID | Actor | Action | Notes and References |
| --- | --- | --- | --- |
| AF-1-1 | System | If the customer has entered invalid information, the system will display an error message: “You have entered invalid information.” |  |
| AF-1-2 | Customer | Customer corrects the information and resubmits. |  |
| AF-1-3 |  | [Go to BF-5] |  |

# Exception Flows

### EF-1: System is down or unavailable

| Step ID | Actor | Action | Notes and References |
| --- | --- | --- | --- |
| EF-1-1 | System | If the system is down/unavailable, the system will display a message to the customer: “The system is currently unavailable.” |  |
| EF-1-2 |  | [Use case ends] |  |

### EF-2: System cannot connect to the market

| Step ID | Actor | Action | Notes and References |
| --- | --- | --- | --- |
| EF-1-1 | System | If the system cannot connect to the market, the system will display a message to the customer: “The system cannot connect to the market. Please try again later.” |  |
| EF-1-2 |  | [Use case ends] |  |

# Supplemental Requirements

| ID | Name | Description |
| --- | --- | --- |
| SR-1 | Tabbing | The system will enable the user to tab from field to field on the order entry page. |