|  |  |  |
| --- | --- | --- |
| **Name** | Place Order | |
| **Summary** | A Customer (Registered User) can add products in any quantity and place an order. | |
| **Priority** | High | |
| **Pre-Condition** | Login to the System using user Credentials | |
| **Post-condition** | Products are added and Order is placed. | |
| **Primary Actor** | Customer (Registered User) | |
| **Main Scenario** | **Step** | **Action** |
|  | **1.** | Customer login to the site using correct User and Password Credentials |
| **2.** | Customer Visits Product and Category Page |
| **3.** | System displays product details (e.g., name, price, description, category, image) |
| **4.** | Customer selects Quantity and clicks “Add to Cart” button to add the product |
| **5.** | System Checks for Product Availability, If Product Available add product to cart |
| **6.** | Customer can add up to 20 or less products before confirming order |
| **7.** | Once Customer adds all needed products to the cart, click on “Place Order” button |
|  | **8.** | System Checks all the Products added and applies any product discount available |
|  | **9.** | System Checks for Customer or Coupon Discount Available |
|  | **10.** | If Available system applies the discount and calculates the total Amount |
|  | **11.** | System displays a receipt with all the product (name quantity), total discount and total amount |
|  | **12.** | Customer confirms the Order by clicking “Confirm Order” |
|  | **13.** | System Records Order in the database, sets status pending and redirects user to the payment window (page). |
|  |  |  |
|  |  |  |
| **Extension** | **Step** | Branching Actions |
|  | 5a. | If unavailable, system displays an error message and suggests an alternative product. |
| 7a. | If the total products exceed the limit, System sends a message and selects first 20 products in the cart to process the order. |
| 11a. | If the Customer decline the order, remove all the listed products and order from the database. |