**Use Case: Buying a Product (Controller)**

**Actors:** Customer (primary), Payment Service (secondary)

**Description**: Allows site customers to browse and purchase products.

**Priority**: Must have.

**Status:** Medium Level of Details

**Pre-Condition:** User must have access to the website with internet connection

**Post-Condition:** User places order for a product, order is shipped for delivery

**Basic Path:**

1. Customer navigates to our website
2. If the customer has an internet connection, they are granted access.
3. Customer is presented with index page and option to login.
4. The customer enters their account details.
5. The website validates their details and grants access to the account.
6. Customer sees a new headset they would like to order.
7. Customer clicks the “purchase” option for the headset.
8. The customer is then brought to the website’s checkout page.
9. They confirm that they want to purchase the product and enter their payment details.
10. Payment service verifies whether the customer has enough in their balance to process the transaction.
11. Money is removed from the customer’s account and deposited.
12. Website changes to order confirmation page.
13. Order details are displayed in a user-friendly manner, with expected delivery date and delivery address.
14. Customer is satisfied and exits the web page.

**Alternative Path:**

1. No valid internet access
2. Website is down / under maintenance
3. Forgot account password / username
4. Product is sold out
5. Customer has insufficient funds to complete transaction

**Business Rules:**

1. Format of username and password
2. Number of retries to login
3. Account options
4. Product quantity limit
5. Payment must be processed before transaction completion