| Conditions | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Product is in the list | T | T | T | T | F |
| Requested quantity is less than or equal to stock | T | T | F | F | - |
| Quantity is equal to 0 after removal | T | F | T | F | - |
| Actions | 1 | 2 | 3 | 4 | 5 |
| Display "Product not found" message | | | | | X |
| Reduce the quantity and budget | X | X | | | |
| Display " Invalid quantity" message | | | X | X | |
| Remove product from the list | X | | X | | |