Black Box Tests for Price Fall User Story

|  |  |  |  |
| --- | --- | --- | --- |
| External Conditions | Valid Equivalence Values | Invalid Equivalence Values | Boundary Information |
| Open Share Worth | FLOAT 1 – 100,000 | 0 – 100,001, null | 0, 1, 2, 99,999, 100,000, 100,001, null |
| Current Share worth | FLOAT 1 – 100,000 | 0 – 100,001, null | 0, 1, 2, 99,999, 100,000, 100,001, null |
| OUTPUT Percentage required for plummet | FLOAT <= 80.0 | 80.1 – 119.9 | 79.9, 80.0, 80.1, 119.9, 120.0 |

TESTS

1. Open Share Worth = 3; Current Share Worth =-1
2. Open Share Worth = 0; Current Share Worth = 1
3. Open Share Worth = 50; Current Share Worth = 50

Black Box Tests for Price Rise User Story

|  |  |  |  |
| --- | --- | --- | --- |
| External Conditions | Valid Equivalence Values | Invalid Equivalence Values | Boundary Information |
| Open Share Worth | FLOAT 1 – 100,000 | 0 – 100,001, null | 0, 1, 2, 99,999, 100,000, 100,001, null |
| Current Share worth | FLOAT 1 – 100,000 | 0 – 100,001, null | 0, 1, 2, 99,999, 100,000, 100,001, null |
| OUTPUT Percentage required for plummet | FLOAT >= 120.0 | <=119.9 | 119.9, 120.0, 120.1 |

TESTS

1. Open Share Worth = 3; Current Share Worth =-1
2. Open Share Worth = 0; Current Share Worth = 1
3. Open Share Worth = 50; Current Share Worth = 50

Plummet Tests  
1. Open Share Worth = 100; Current Share Worth = 80  
2. Open Share Worth = 100; Current Share Worth = 80.1  
2. Open Share Worth = 100; Current Share Worth = 79.9  
  
Rocketed Tests  
1. Open Share Worth = 100; Current Share Worth = 110  
2. Open Share Worth = 100; Current Share Worth = 110.1  
3. Open Share Worth = 100; Current Share Worth = 109.9