**Acceptance Test for 10% Trade Volume Change List**

**Description**

As a shareholder I want to be able to view a list that states which shares if the number of shares traded exceeds 10% of the Companies Total Share Hold Value. If there has not been more than a 10% increase I would like a message to be displayed stating this. I would also like the relevant companies to be displayed in alphabetical order.

**RESOURCES REQUIRED**

1. **Internet connection**
2. **Android Software (time based capabilities)**
3. **Google API connection**
4. **Android Phone**

**TEST PROCEDURE**

**Pre-Conditions**

The customer has an active share portfolio and the shares within this portfolio are the exact ones that we have been asked to work with. Two test shares will be implemented to check if Acceptance Test is met.

**List Of Shares**

* BP Amoco plc - 192
* HSBC Holdings plc ordinary 50 Cents - 343
* Experian ordinary - 258
* Marks and Spencer Ordinary 25p - 485
* Smith & Nephew plc ordinary – 1219
* Example Shares Unit Volume shall rise by 9.9% for testing purposes.
* Example Shares Unit Volume shall rise by 10% for testing purposes.
* Example Shares Unit Volume shall rise by 10.1% for testing purposes.

**Test Sequence**

For testing purposes we are going to use two shares from the above list as examples of how the software will operate under different Share Unit conditions.

**Example Shares**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Initial Volume** | **9.99% Rise** | **10% Rise** | **10.01% Rise** |
| **BP AMACO**  **BOWLEVEN** | **10,000.00**    **10,000.00** | **10,999.00**  **10,999.00** | **11,000.00**  **11,000.00** | **11,001.00**  **11,001.00** |

**TEST CONDITION 1 - No Internet /API Connection**

Test software without Internet connection to ensure the application displays an appropriate error message when no Internet connection is being detected.

Oops, Something has gone wrong. There is currently no Internet Connection, please try again later.

**TEST CONDITION 2 – Trade Volume Report – No Runs**

BP AMACO **Unit Volume increase of 9.99%**

**BP AMACO Unit Volume Increase of 10%**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Starting Share Unit Volume** | **9.9% Volume Rise** | **10% Volume Rise** |
| **BP AMACO** | **10,000.00** | **10,999.00** | **11,000.00** |

For testing purpose the BP Share will incur a change in its Unit Volume, however the percentage change is not above 10% from its previous days closing value. Therefore this does not activate the software into adding the **BP AMACO Share** to the Trade Volume Change Report.

When there has not been over a 10% Volume Change Volume Change the list shall display a statement: “There are no Runs on any of your Share Portfolio from the past trading day.”

No Share Alerts - There are no Runs on any of your Share Portfolio from the past trading day.

**TEST CONDITION 3 – 10.01% Rise In BP AMACO Share Unit Volume**

|  |  |  |
| --- | --- | --- |
|  | **Starting Share Unit Volume** | **10.01% Increase Share Unit Volume** |
| **BP AMACO** | **10,000.00** | **11,001.00** |

If the **BP AMACO** Share Unit Volume has increased by 10.01% or more, the software will calculate this increase and shall add the **BP AMACO** to the Share Volume Change Report.

**BP AMACO - UNIT VOLUME CHANGE**

**TEST CONDITION 4 – 10.01% Rise In BowLeven Share Unit Volume**

|  |  |  |
| --- | --- | --- |
|  | **Starting Share Unit Volume** | **10.01% Increase Share Unit Volume** |
| **BowLeven** | **10,000.00** | **11,001.00** |

If BowLeven Share Unit Volume has increased by 10.1% , the software shall add the **BowLeven Share** to the Share Unit Volume Change List.

**BOWLEVEN - UNIT VOLUME CHANGE**

**TEST CONDITION 5 - List to be displayed in Alphabetical Order**

The list of companies that have had a Share Unit Volume change will be added to the Share Volume Change Report shall be displayed in alphabetical order.

BOWLEVEN - SHARE UNIT VOLUME CHANGE

BP AMACO - SHARE UNIT VOLUME CHANGE

**Passed/Failed Criteria**

All tests must be passed for the software to be considered acceptable

**Continuation Criteria**

The testing should continue providing that all the acceptance tests have been passed and approved by the client.