**WASSOP Shares Application – Acceptance Tests for Sprint 2 – Version 0.3**

**1.Description:**

The 'Alert' test aims to confirm the functionality within the WASSOP Shares application.

It tests that the application will present information to the user advising them if their shares are rocketing, plummeting or that the share price is currently unavailable. Rocketing is defined as a share price that has increased by 10% or more in value since the start of the trading that day. Plummeting is defined as a share price that has decreased by 20% or more since the value of the share at the start of the trading that day.

**2. Resources Required:**

1. Mobile device running Android OS

2. WASSOP Shares Application loaded and running

**3. Pre-Conditions**

1. WASSOP Shares Application is loaded onto the mobile device

2. The following data is loaded into the Wasso Shares Database.

|  |  |  |
| --- | --- | --- |
| Company | Start of day price | Units |
| BP Amoco plc | 393.60 | 192 |
| HSBC Holdings | 509.00 | 343 |
| Experian ordinary | 748.50 | 258 |
| Marks and Spencer | 326.40 | 485 |
| Smith & Newphew plc | 570.00 | 1219 |
| Bowleven ordinary | 107.25 | 3960 |

**4.Test Sequence**

**1. Test a plummeting share**

1. Set the *current price* for *BP Amoco plc to 314.88*
2. Choose *Alerts* from the menu.
3. Confirm that the display shows

|  |  |
| --- | --- |
| **Company** | **Status** |
| BP Amoco plc | Plummet |

1. Confirm that the background colour of the line is red.

**2. Test a rocketing share**

1. Set the *current price* for *BP Amoco plc to 432.96*
2. Choose *Alerts* from the menu.
3. Confirm that the display shows

|  |  |
| --- | --- |
| **Company** | **Status** |
| BP Amoco plc | Rocket |

1. Confirm that the background colour of the line is green.

**3. Test a share whose price cannot be obtained**

1. Set the *current price* for *BP Amoco plc to NULL*
2. Choose *Alerts* from the menu.
3. Confirm that the display shows

|  |  |
| --- | --- |
| **Company** | **Status** |
| BP Amoco plc | No Data |

1. Confirm that the background colour of the line is amber.

**4. Test a share that is neither plummeting or rocketing is not shown in the alerts**

1. Set the *current price* for *BP Amoco plc to 395.10*
2. Choose *Alerts* from the menu.
3. Confirm that the display is empty

**5. Test the order of display for multiple shares**

1. Set the *current price* for *BP Amoco plc to 432.96*
2. Set the *current price* for *HSBC holdings to 407.20*
3. Set the *current price* for *Experian ordinary to NULL*
4. Choose *Alerts* from the menu.
5. Confirm that the display shows

|  |  |
| --- | --- |
| **Company** | **Status** |
| BP Amoco plc | Rocket |
| Experian ordinary | No Data |
| HSBC holdings | Plummet |