**Acceptance Tests**

**Total Worth**

* Record the total sum value of all portfolio shares, in Pounds Sterling, of the previous week’s Friday close values.
* Access shall be provided to this display through the main menu, which will have its own button.
* This total value shall be presented in sentence form eg.
* “Your total portfolio is worth £1000 as of DD/MM/YY”
* The font size of the display message shall be size 18.
* Provide a check that the current price displayed is correct for verification. This will be achieved by showing the current stock price of shares on a laptop during a meeting.
* The font to be used on the display shall be aerial.
* A “No feed is currently available” message shall be posted to the screen if no internet connection is available.
* If there is no data available for any individual share this error shall be presented to the screen in the format “There is not enough data available to compute portfolio value”.
* There shall be a 10 second upper time constraint on the time between pressing the button on the main menu and the display of the total portfolio worth.

**Share set worth**

* The share set’s worth shall be accessed by pressing a button, on the main menu, of approximately 3 cm diameter.
* This value shown shall be live (with a 15minute delay from yahoo finance) for each share set displayed.
* The value displayed for each share shall be in Pounds and Pence to 2 decimal places.
* The value displayed for each share set shall be taken from the Last Trade Price on yahoo finance.
* The format of this display to the customer shall be a text sentence in the format: “Company name Price(P.pp)”
* Each share set shall have its own sentence statement for the current worth of that set. They shall descend in alphabetical order.
* A “No feed is currently available” message shall be posted to the screen if no internet connection is available.
* If an individual set is unavailable from the yahoo API the following error message shall be displayed: “Company name is currently unavailable”
* There shall be a 10 second upper time constraint on the time between pressing the button on the main menu and the display of the share set worth.

**Summary of Best and Worst Preforming Share**

* The option to access a summary of best and worst preforming stocks of the portfolio shall be a single button of approximately 3cm diameter on a main menu screen shown at start up.
* The measure of performance for each stock set to be determined worst or best shall be the percentage increase/decrease since close time Friday of the previous week compared to the current set value.
* The best preforming share price shall be displayed in sentence form and in GREEN. The sentence format shall be “The best preforming stock of the portfolio is COMPANY NAME with a % INCREASE of VALUE”.
* The worst preforming share price shall be displayed in sentence form and in RED. The sentence format shall be “The worst preforming stock of the portfolio is COMPANY NAME with a % DECREASE of VALUE”.
* The sentences of the worst and best preforming stocks shall both appear in the center of the screen with the sentence for best preforming stock being above the worst preforming stock.
* A “No feed is currently available” message shall be posted to the screen if no internet connection is available.
* There shall be a 10 second upper time constraint on the time between pressing the button on the main menu and the display of the best and worst preforming share.

**Money Lost and Gained per Week**

* The option to view the Total portfolio’s gain/loss per week shall be accessible as its own button from the main menu interface.
* The total value lost/gained of the portfolio shall be determined by comparing the value of all share sets with the value of the previous week at trading close on Friday.
* This value shall be presented in pounds only with no pence.
* The loss/gain for the portfolio shall be presented in green text for a gain and red text for a loss.
* A textual sentence statement of the format: “For the week of DD/MM/YY you have gained £ AMOUNT GAINED” shall be displayed to the customer.
* For a loss the textual statement shall read “For the week of DD/MM/YY you have lost £ AMOUNT LOST”.
* The DD/MM/YY of the textual statement shall be the date of the previous Friday (The current trading week being compared against).
* A “No feed is currently available” message shall be posted to the screen if no internet connection is available.
* The font to be used displaying messages shall be aerial.
* There shall be a 10 second upper time constraint on the time between pressing the button on the main menu and the display of the money lost and gained in a week.