**Test Portfolio**

package com.example.stocktest2.test;

import java.io.IOException;

import java.net.MalformedURLException;

import java.util.ArrayList;

import org.junit.After;

import org.junit.Before;

import com.example.stocktest2.ShareSetsModel;

import com.example.stocktest2.YahooFinanceAPI;

import android.test.\*;

public class TestPortfolio extends AndroidTestCase

{

private ShareSetsModel portfolioRight;

private ShareSetsModel portfolioWrong;

@Before

public void setUp()

{

portfolioRight = new ShareSetsModel("TESCO", 122, "TSCO");

portfolioWrong = new ShareSetsModel("AAAA", 152, "AAAA");

}

public void testWrongFridayPortfolio()

{

String result = "";

try

{

YahooFinanceAPI.getInstance().fetchAndParseShare(portfolioWrong.SHARES[0]); //Get current price for stock

result = portfolioWrong.calculateFridayPortfolio();

}

catch (MalformedURLException e) { }

catch (IOException e) { }

assertEquals(result, "");

}

public void testRightFridayPortfolio()

{

String result = "";

try

{

YahooFinanceAPI.getInstance().fetchAndParseShare(portfolioRight.SHARES[0]); //Get current price for stock

result = portfolioRight.calculateFridayPortfolio();

}

catch (MalformedURLException e) { }

catch (IOException e) { }

assertFalse(result == "");

}

public void testWrongLossGain()

{

String result = "";

try

{

YahooFinanceAPI.getInstance().fetchAndParseShare(portfolioWrong.SHARES[0]); //Get current price for stock

result = portfolioWrong.calculateLossGain();

}

catch (MalformedURLException e) { }

catch (IOException e) { }

assertEquals(result, "");

}

public void testRightLossGain()

{

String result = "";

try

{

YahooFinanceAPI.getInstance().fetchAndParseShare(portfolioRight.SHARES[0]); //Get current price for stock

result = portfolioRight.calculateLossGain();

}

catch (MalformedURLException e) { }

catch (IOException e) { }

assertFalse(result == "");

}

public void testWrongShareTotals()

{

ArrayList<String> result = new ArrayList<String>();

try

{

YahooFinanceAPI.getInstance().fetchAndParseShare(portfolioWrong.SHARES[0]); //Get current price for stock

result = portfolioWrong.calculateShareTotals();

}

catch (MalformedURLException e) { }

catch (IOException e) { }

assertEquals(result.size(), 0);

}

public void testRightShareTotals()

{

ArrayList<String> result = new ArrayList<String>();

try

{

YahooFinanceAPI.getInstance().fetchAndParseShare(portfolioRight.SHARES[0]); //Get current price for stock

result = portfolioRight.calculateShareTotals();

}

catch (MalformedURLException e) { }

catch (IOException e) { }

assertFalse(result.get(2) == "N/A");

}

public void testRounding()

{

double delta = 0.01;

double innerResult = ShareSetsModel.roundDouble(2.35649);

double result = 2.36;

assertEquals(result, innerResult, delta);

}

@After

public void tearDown()

{

portfolioRight = null;

portfolioWrong = null;

System.gc();

}

}