

Android S&P 500 Stock Quote Application

Test Plan

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Document version TP-1.0

Completion date: 12/21/12



Document Change History

Version Number	Date	Contributor	Description
TP-D-0.1	11/24/12	Mathew Yamasaki	Document formatting
TP-D-0.2	11/24/12	Ashley Charles	Test plan content
TP-D-0.2.1	11/24/12	Mathew Yamasaki	Added test cases 3 and 4
TP-D-0.2.2	12/21/12	Mathew Yamasaki	Remove "Team C" logos
TP-1.0	12/21/12	Mathew Yamasaki	<ul style="list-style-type: none">• Revise test plan• Add list of requirements below test plan chart• Add screenshots of application requirements being fulfilled



1. Test Plan

Test Case #	Requirement #	Test Description	Expected Result	Actual Result	Pass/ Fail
1	1	User opens the application	The SQLiteDatabase is updated from Yahoo! Finance and the top five winners and bottom five losers are displayed in Activity 1.	As expected.	PASS
2	2	User enters the stock symbol and presses the search button.	The stock information is retrieved	As expected.	PASS
3	3	After retrieving the stock information, the user clicks the "Show news" button	Another Activity opens to display a list of headlines for articles with information pertaining to the ticker symbol.	As expected.	PASS
4	4	User clicks on a news article headline	The article opens in the browser	As expected	PASS
5	5	After retrieving the stock information, the user clicks the "Show chart" button	Another Activity open to display the chart image with 50 and 200-day moving averages plotted	As expected.	PASS
6	6	User attempts to search without having entered any information in the text field	Error message saying that the user has not entered any information in the text field.	As expected.	PASS
7	7	User enters an invalid stock symbol and presses the search button	Pop-up notifies the user that the symbol is invalid	As expected.	PASS

Requirement #1: Update the Android SQLiteDatabase from Yahoo! Finance and display top five and bottom five stocks.

Requirement #2: Be able to retrieve stock information.

Requirement #3: Display a list of headlines for news articles with information pertaining to the stock.

Requirement #4: Display the full news article.

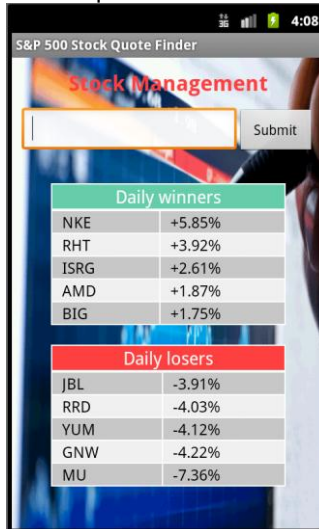
Requirement #5: Display a chart of the stock.

Requirement #6: Notify the user that no text has been entered.

Requirement #7: Notify the user if an invalid symbol is entered.



Requirement #1



Requirement #2



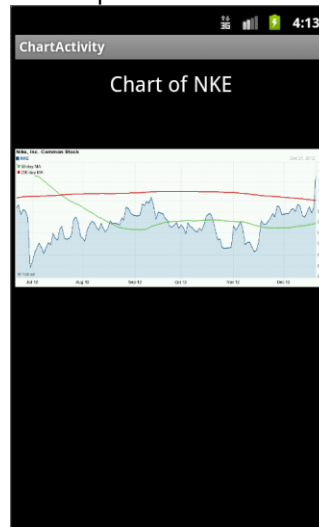
Requirement #3



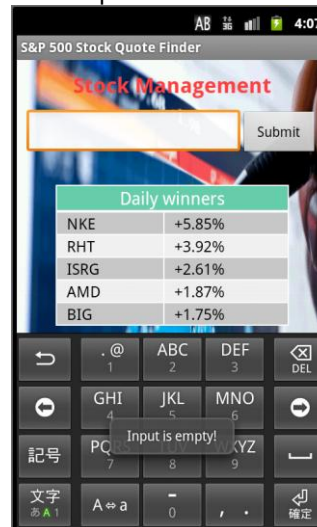
Requirement #4



Requirement #5



Requirement #6



Requirement #7

