

Homework #9 - Mobile App Exercise

Total points: 10 points

1) Search Form (1.5 points)

- a. Showing a label indicating application functionality, text input field, 'Get Quote' button, 'Clear' button - **0.25 point**
- b. If user leaves text field empty and performs search, valid message (Please enter stock symbol) is displayed - **0.25 point**
- c. On click the clear button, the text field will be cleared - **0.25 point**
- d. On typing in characters in text field, valid suggestions are displayed and suggestions include Stock Symbol, Stock Name and Exchange - **0.5 point**
- e. On selecting an item from Auto-complete suggestion, the item appears in text field. - **0.25 point**

2) Favorite Table (2.5 points)

- a. A list of favorite stocks is displayed, each entry contains the correct style of stock symbol, price, change and change percent. - **0.25 point**
- b. The favorite table implements Sort By Corresponding Order - **0.25 point**
- c. Can delete an entry by slide gesture - **0.5 point**
- d. When clicking an entry in the list, the responding stock page is loaded - **0.5 point**
- e. Automatic/manual refresh – **0.5 point**
- f. Refresh whenever the favorite table appear/reappears – **0.5 point**

3) Current Stock (2 points)

- a. Values and images in the table are properly displayed – **0.5 point**
- b. Navigate back to main page by back button - **0.25 point**
- c. Favorite button reflects the correct state, and can be clicked to toggle favorite state – **0.5 point**
- d. Correctly show the charts of all the indicators – **0.5 point**
- e. Can switch among the three pages: current/Historical/News – **0.25 point**

4) Facebook Share (1 point)

- a. Showing the posting popup window with the correct chart image - **0.5 point**
- b. Correct message should be showed after posting or canceling – **0.5 point**

5) Historical Chart (1 point)

- a. A historical stock value chart plotted using Highcharts is displayed - **1 point**

6) News Feed (1 point)

- a. A list of articles about the stock is displayed, each entry of the list contains the title, author and date – **0.5 point**

- b. When clicking an article, the corresponding URL is opened in browser – **0.5 point**
- 7) Other general requirements (1 point)**
- a. Show a spinner while loading data and hide the spinner after that. – **0.5 point**
 - b. Display a proper error message whenever an error happens – **0.5 point**