Stock Market Investment Fantasy League

Technical Documentation

(app icon)

Group 1

Ryan Kellerman
Harsh Patel
Arjun Bedi
Karan Rajput
Ashwin Kadaru
Namit Patel
Franyer Velazquez

Software Engineering

14:332:452

Project URL

https://github.com/rkellerman/Stockers

March 12, 2017

1.0 Technical Documentation

Most of the source code is written in Java and has JavaDoc style comments attached to it. You can generate the JavaDoc for our code that is located within this folder (*05_documentation)*. There is a significant amount of files.

Unzip the javadocfiles.zip and you will see the following:

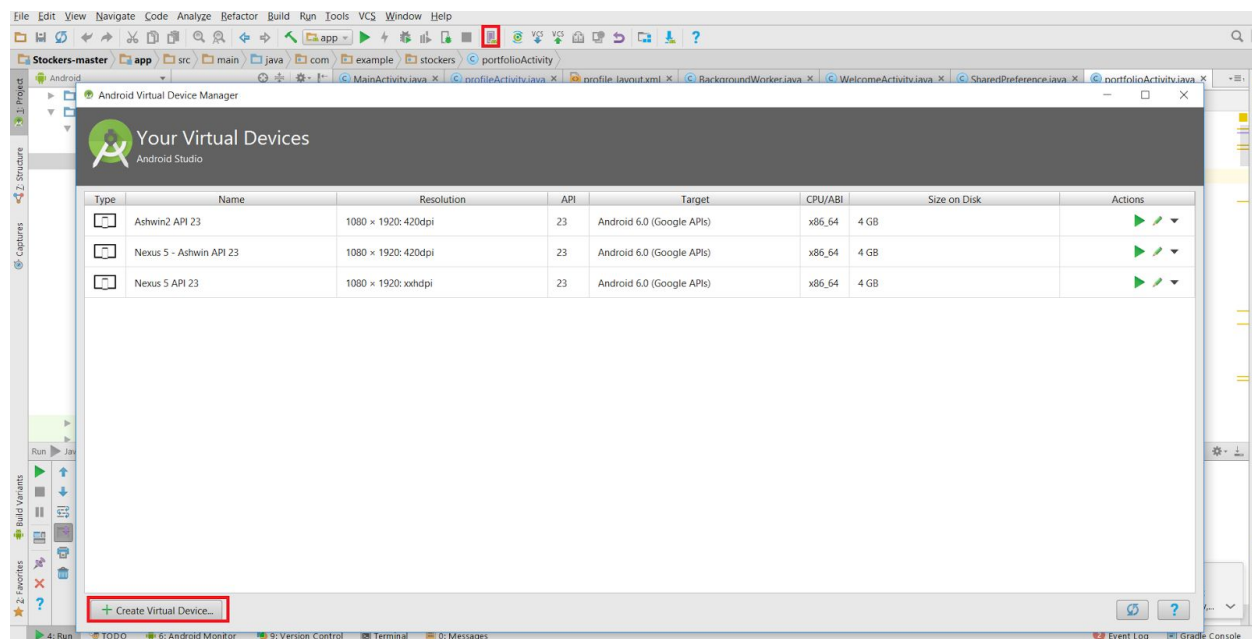| Name	Date modified	Type	Size
com	3/29/2017 1:53 PM	File folder	
index-files	3/29/2017 1:54 PM	File folder	
allclasses-frame.html	3/29/2017 1:54 PM	Chrome HTML Do...	6 KB
allclasses-noframe.html	3/29/2017 1:54 PM	Chrome HTML Do...	5 KB
constant-values.html	3/29/2017 1:54 PM	Chrome HTML Do...	743 KB
deprecated-list.html	3/29/2017 1:54 PM	Chrome HTML Do...	4 KB
help-doc.html	3/29/2017 1:54 PM	Chrome HTML Do...	9 KB
index.html	3/29/2017 1:54 PM	Chrome HTML Do...	3 KB
overview-tree.html	3/29/2017 1:54 PM	Chrome HTML Do...	15 KB
package-list	3/29/2017 1:54 PM	File	1 KB
script.js	3/29/2017 1:54 PM	JavaScript File	1 KB
serialized-form.html	3/29/2017 1:54 PM	Chrome HTML Do...	6 KB
stylesheet.css	3/29/2017 1:54 PM	Cascading Style Sh...	14 KB

Navigate to *\javadocfiles\index.html* to view the all the documentation(shown below)

On the left side is the list of all classes you can navigate through. Comments have been added and can be viewed on these pages.
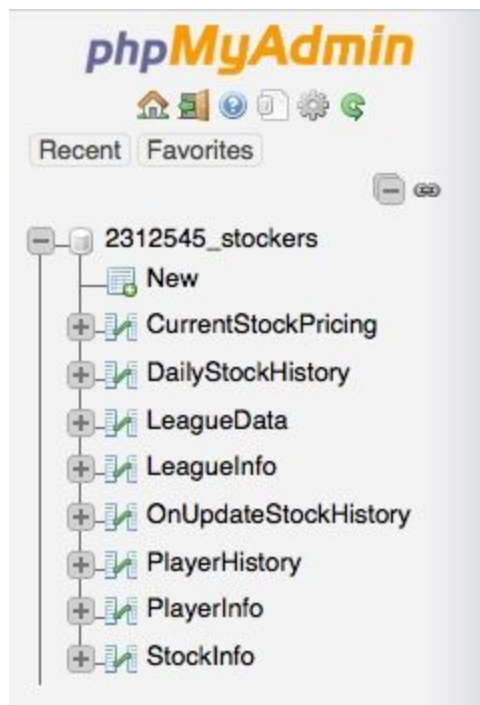
2.0 Setting up the Application

Setting up the application is complicated. You must download the latest version of Android Studio and create an emulator via the AVD manager icon on the top of android studio.

Then download the file that is provided within this directory and simply create a new project by going to *FILE>NEW>IMPORT* to import the project. The folder is located in *1_code.*

3.0 Database Structure

We are using phpMyAdmin for our database and hosting the database on a server called awardspace. The database consists of several tables as shown below.

A screenshot of the stock info table is shown below.

+ Options

CompanyName	Ticker	Price	Date	Time	ChangePercent	Volume	Year	Open	Cap	PE	DPS	EPS	High
Microsoft Corporation	msft	65.29	3/28/2017	4:00pm	+0.19 - +0.29%	20080358	48.03 - 65.91	64.98	504.53B	30.72	1.56	2.12	1.56
Yahoo! Inc.	yhoo	46.33	3/27/2017	11:32am	-0.07 - -0.15%	1856381	34.62 - 47.19	45.92	44.31B	N/A	N/A	-0.23	N/A
Alphabet Inc.	goog	815.52	3/27/2017	11:32am	+1.087 - +0.133%	945564	663.284 - 853.500	806.950	563.86B	29.254	N/A	27.877	N/A
Vista Gold Corp Common Stock	vgz	1.04	3/27/2017	11:27am	+0.04 - +4.04%	75570	0.43 - 2.09	1.01	101.70M	N/A	N/A	-0.04	N/A
Verizon Communications Inc. Com	vz	49.30	3/28/2017	4:00pm	+0.16 - +0.33%	12856251	46.01 - 56.95	49.01	200.98B	15.36	2.31	3.21	2.31
AT&T Inc.	t	41.56	3/28/2017	4:01pm	+0.07 - +0.17%	15586112	36.10 - 43.89	41.41	255.24B	19.80	1.96	2.10	1.96
Target Corporation Common Stock	tgt	53.60	3/28/2017	4:03pm	+0.27 - +0.51%	4395777	52.77 - 84.14	53.19	29.62B	11.41	2.40	4.70	2.40
Apple Inc.	aapl	143.80	3/28/2017	4:00pm	+2.92 - +2.07%	33374805	89.47 - 144.04	140.89	754.45B	17.26	2.28	8.33	2.28
HP Inc. Common Stock	hpq	17.26	3/28/2017	4:03pm	+0.06 - +0.35%	8741713	11.31 - 17.81	17.23	29.23B	11.77	0.53	1.47	0.53
Comcast Corporation	cmcsa	37.09	3/28/2017	4:00pm	-0.02 - -0.05%	14389630	29.81 - 38.44	37.00	175.89B	20.78	0.63	1.78	0.63
DISH Network Corporation	dish	62.92	3/28/2017	4:00pm	+0.75 - +1.21%	1829263	43.28 - 64.74	61.95	29.28B	20.62	0.00	3.05	0.00
Time Warner Inc. New Common Sto	twx	97.32	3/28/2017	4:02pm	-0.04 - -0.04%	2711788	68.97 - 99.29	97.18	75.36B	19.64	1.61	4.95	1.61
CBS Corporation Class B Common	cbs	67.77	3/28/2017	4:00pm	+0.28 - +0.41%	2424979	48.88 - 68.59	67.32	27.75B	24.12	0.72	2.81	0.72