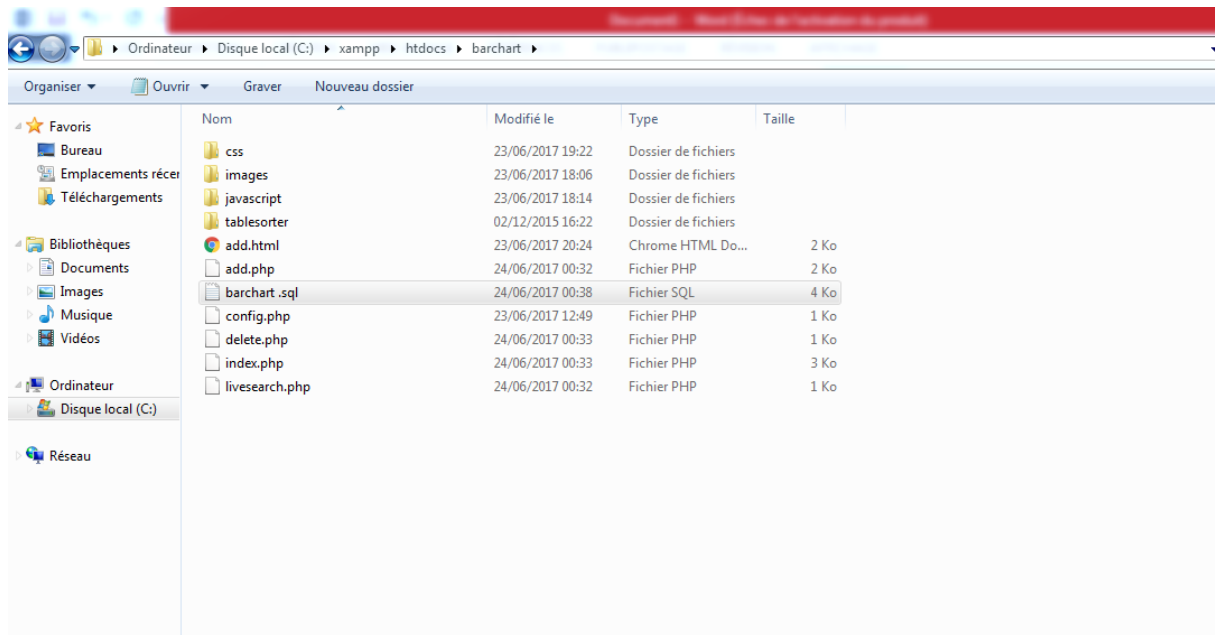


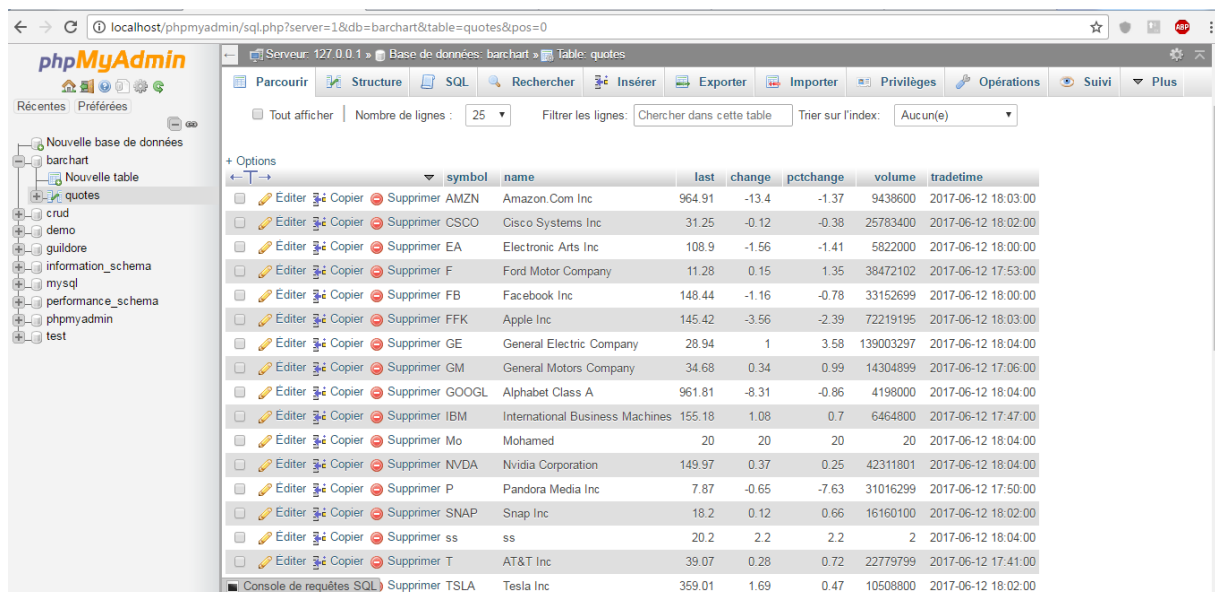
Installation :

-create a database called “barchart”.

-execute the file called “barchart.sql” to create “quotes” table used in our app.



-If everything went ok, you will have your database already created:



-Modify your database credentials in “config.php”:

```
15
16 $databaseHost = 'localhost';
17 $databaseName = 'barchart';
18 $databaseUsername = 'root';
19 $databasePassword = '';
20
21 $mysqli = mysqli_connect($databaseHost, $databaseUsername, $databasePassword, $databaseName);
22
23
24
```

-put the whole folder “brachart” in htdocs file of your localhost.(I’m using apache on wampp).

-when we acces the project in our localhost:



Symbol ↕	Symbol Name ↕	Last Price ↕	Change ↕	% Change ↕	Volume ↕	Time ↕	
AMZN	Amazon.Com Inc	964.91	-13.4	-1.37	9438600	2017-06-12 18:03:00	✖
CSCO	Cisco Systems Inc	31.25	-0.12	-0.38	25783400	2017-06-12 18:02:00	✖
EA	Electronic Arts Inc	108.9	-1.56	-1.41	5822000	2017-06-12 18:00:00	✖
F	Ford Motor Company	11.28	0.15	1.35	38472102	2017-06-12 17:53:00	✖
FB	Facebook Inc	148.44	-1.16	-0.78	33152699	2017-06-12 18:00:00	✖
FFK	Apple Inc	145.42	-3.56	-2.39	72219195	2017-06-12 18:03:00	✖
GE	General Electric Company	28.94	1	3.58	139003297	2017-06-12 18:04:00	✖
GM	General Motors Company	34.68	0.34	0.99	14304899	2017-06-12 17:06:00	✖
GOOGL	Alphabet Class A	961.81	-8.31	-0.86	4198000	2017-06-12 18:04:00	✖
IBM	International Business Machines	155.18	1.08	0.7	6464800	2017-06-12 17:47:00	✖
Mo	Mohamed	20	20	20	20	2017-06-12 18:04:00	✖
NVDA	Nvidia Corporation	149.97	0.37	0.25	42311801	2017-06-12 18:04:00	✖
P	Pandora Media Inc	7.87	-0.65	-7.63	31016299	2017-06-12 17:50:00	✖
SNAP	Snap Inc	18.2	0.12	0.66	16160100	2017-06-12 18:02:00	✖
ss	ss	20.2	2.2	2.2	2	2017-06-12 18:04:00	✖
T	AT&T Inc	39.07	0.28	0.72	22779799	2017-06-12 17:41:00	✖
TSLA	Tesla Inc	359.01	1.69	0.47	10508800	2017-06-12 18:02:00	✖
TWTR	Twitter Inc	17.04	0.14	0.83	20490801	2017-06-12 18:03:00	✖
V	Visa Inc	93.5	-1.06	-1.12	15604300	2017-06-12 17:48:00	✖
VZ	Verizon Communications Inc	47.19	0.47	1.01	18929000	2017-06-12 17:59:00	✖
YHOO	Yahoo! Inc	53.12	-0.9	-1.67	57719301	2017-06-12 17:39:00	✖

-we can sort all the columns if we click in the head of each column: for example lets click on “Symbol”:

localhost/barchart/index.php

Enter a symbol.

Symbol ↕	Symbol Name ↕	Last Price ↕	Change ↕	% Change ↕	Volume ↕	Time ↕	
YHOO	Yahoo! Inc	53.12	-0.9	-1.67	57719301	2017-06-12 17:39:00	✖
VZ	Verizon Communications Inc	47.19	0.47	1.01	18929000	2017-06-12 17:59:00	✖
V	Visa Inc	93.5	-1.06	-1.12	15604300	2017-06-12 17:48:00	✖
TWTR	Twitter Inc	17.04	0.14	0.83	20490801	2017-06-12 18:03:00	✖
TSLA	Tesla Inc	359.01	1.69	0.47	10508800	2017-06-12 18:02:00	✖
T	AT&T Inc	39.07	0.28	0.72	22779799	2017-06-12 17:41:00	✖
ss	ss	20.2	2.2	2.2	2	2017-06-12 18:04:00	✖
SNAP	Snap Inc	18.2	0.12	0.66	16160100	2017-06-12 18:02:00	✖
P	Pandora Media Inc	7.87	-0.65	-7.63	31016299	2017-06-12 17:50:00	✖
NVDA	Nvidia Corporation	149.97	0.37	0.25	42311801	2017-06-12 18:04:00	✖
Mo	Mohamed	20	20	20	20	2017-06-12 18:04:00	✖
IBM	International Business Machines	155.18	1.08	0.7	6464800	2017-06-12 17:47:00	✖
GOOGL	Alphabet Class A	961.81	-8.31	-0.86	4198000	2017-06-12 18:04:00	✖
GM	General Motors Company	34.68	0.34	0.99	14304899	2017-06-12 17:06:00	✖
GE	General Electric Company	28.94	1	3.58	139003297	2017-06-12 18:04:00	✖
FFK	Apple Inc	145.42	-3.56	-2.39	72219195	2017-06-12 18:03:00	✖
FB	Facebook Inc	148.44	-1.16	-0.78	33152699	2017-06-12 18:00:00	✖
F	Ford Motor Company	11.28	0.15	1.35	38472102	2017-06-12 17:53:00	✖
EA	Electronic Arts Inc	108.9	-1.56	-1.41	5822000	2017-06-12 18:00:00	✖
CSCO	Cisco Systems Inc	31.25	-0.12	-0.38	25783400	2017-06-12 18:02:00	✖
AMZN	Amazon.Com Inc	964.91	-13.4	-1.37	9438600	2017-06-12 18:03:00	✖

We can sort all the columns..

This is done via the javascript plugin “tablesorter” and jquery..

-Check if a symbol exist:

localhost/barchart/index.php

AMZN has been already added  
EA has been already added  
NVDA has been already added  
SNAP has been already added  
TSLA has been already added

Symbol ↕	Symbol Name ↕	Last Price ↕	Change ↕	% Change ↕	Volume ↕	Time ↕	
YHOO	Yahoo! Inc	53.12	-0.9	-1.67	57719301	2017-06-12 17:39:00	✖
VZ	Verizon Communications Inc	47.19	0.47	1.01	18929000	2017-06-12 17:59:00	✖
V	Visa Inc	93.5	-1.06	-1.12	15604300	2017-06-12 17:48:00	✖
TWTR	Twitter Inc	17.04	0.14	0.83	20490801	2017-06-12 18:03:00	✖
TSLA	Tesla Inc	359.01	1.69	0.47	10508800	2017-06-12 18:02:00	✖
T	AT&T Inc	39.07	0.28	0.72	22779799	2017-06-12 17:41:00	✖
ss	ss	20.2	2.2	2.2	2	2017-06-12 18:04:00	✖
SNAP	Snap Inc	18.2	0.12	0.66	16160100	2017-06-12 18:02:00	✖
P	Pandora Media Inc	7.87	-0.65	-7.63	31016299	2017-06-12 17:50:00	✖
NVDA	Nvidia Corporation	149.97	0.37	0.25	42311801	2017-06-12 18:04:00	✖
Mo	Mohamed	20	20	20	20	2017-06-12 18:04:00	✖
IBM	International Business Machines	155.18	1.08	0.7	6464800	2017-06-12 17:47:00	✖
GOOGL	Alphabet Class A	961.81	-8.31	-0.86	4198000	2017-06-12 18:04:00	✖
GM	General Motors Company	34.68	0.34	0.99	14304899	2017-06-12 17:06:00	✖
GE	General Electric Company	28.94	1	3.58	139003297	2017-06-12 18:04:00	✖
FFK	Apple Inc	145.42	-3.56	-2.39	72219195	2017-06-12 18:03:00	✖
FB	Facebook Inc	148.44	-1.16	-0.78	33152699	2017-06-12 18:00:00	✖

localhost/barchart/index.php

AM Add new symbol

AMZN has been already added

Symbol	Symbol Name	Last Price	Change	% Change	Volume	Time	
YHOO	Yahoo! Inc	53.12	-0.9	-1.67	57719301	2017-06-12 17:39:00	✖
VZ	Verizon Communications Inc	47.19	0.47	1.01	18929000	2017-06-12 17:59:00	✖
V	Visa Inc	93.5	-1.06	-1.12	15604300	2017-06-12 17:48:00	✖
TWTR	Twitter Inc	17.04	0.14	0.83	20490801	2017-06-12 18:03:00	✖
TSLA	Tesla Inc	359.01	1.69	0.47	10508800	2017-06-12 18:02:00	✖
T	AT&T Inc	39.07	0.28	0.72	22779799	2017-06-12 17:41:00	✖
ss	ss	20.2	2.2	2.2	2	2017-06-12 18:04:00	✖
SNAP	Snap Inc	18.2	0.12	0.66	16160100	2017-06-12 18:02:00	✖
P	Pandora Media Inc	7.87	-0.65	-7.63	31016299	2017-06-12 17:50:00	✖
NVDA	Nvidia Corporation	149.97	0.37	0.25	42311801	2017-06-12 18:04:00	✖
Mo	Mohamed	20	20	20	20	2017-06-12 18:04:00	✖
IBM	International Business Machines	155.18	1.08	0.7	6464800	2017-06-12 17:47:00	✖
GOOGL	Alphabet Class A	961.81	-8.31	-0.86	4198000	2017-06-12 18:04:00	✖
GM	General Motors Company	34.68	0.34	0.99	14304899	2017-06-12 17:06:00	✖
GE	General Electric Company	28.94	1	3.58	139003297	2017-06-12 18:04:00	✖
FFK	Apple Inc	145.42	-3.56	-2.39	72219195	2017-06-12 18:03:00	✖
FB	Facebook Inc	148.44	-1.16	-0.78	33152699	2017-06-12 18:00:00	✖
F	Ford Motor Company	11.28	0.15	1.35	38472102	2017-06-12 17:53:00	✖
EA	Electronic Arts Inc	108.9	-1.56	-1.41	5822000	2017-06-12 18:00:00	✖
CSCO	Cisco Systems Inc	31.25	-0.12	-0.38	25783400	2017-06-12 18:02:00	✖
AMZN	Amazon.Com Inc	964.91	-13.4	-1.37	9438600	2017-06-12 18:03:00	✖

localhost/barchart/index.php

AMW Add new symbol

The given symbol doesn't exist

Symbol	Symbol Name	Last Price	Change	% Change	Volume	Time	
YHOO	Yahoo! Inc	53.12	-0.9	-1.67	57719301	2017-06-12 17:39:00	✖
VZ	Verizon Communications Inc	47.19	0.47	1.01	18929000	2017-06-12 17:59:00	✖
V	Visa Inc	93.5	-1.06	-1.12	15604300	2017-06-12 17:48:00	✖
TWTR	Twitter Inc	17.04	0.14	0.83	20490801	2017-06-12 18:03:00	✖
TSLA	Tesla Inc	359.01	1.69	0.47	10508800	2017-06-12 18:02:00	✖
T	AT&T Inc	39.07	0.28	0.72	22779799	2017-06-12 17:41:00	✖
ss	ss	20.2	2.2	2.2	2	2017-06-12 18:04:00	✖
SNAP	Snap Inc	18.2	0.12	0.66	16160100	2017-06-12 18:02:00	✖
P	Pandora Media Inc	7.87	-0.65	-7.63	31016299	2017-06-12 17:50:00	✖
NVDA	Nvidia Corporation	149.97	0.37	0.25	42311801	2017-06-12 18:04:00	✖
Mo	Mohamed	20	20	20	20	2017-06-12 18:04:00	✖
IBM	International Business Machines	155.18	1.08	0.7	6464800	2017-06-12 17:47:00	✖
GOOGL	Alphabet Class A	961.81	-8.31	-0.86	4198000	2017-06-12 18:04:00	✖
GM	General Motors Company	34.68	0.34	0.99	14304899	2017-06-12 17:06:00	✖
GE	General Electric Company	28.94	1	3.58	139003297	2017-06-12 18:04:00	✖
FFK	Apple Inc	145.42	-3.56	-2.39	72219195	2017-06-12 18:03:00	✖
FB	Facebook Inc	148.44	-1.16	-0.78	33152699	2017-06-12 18:00:00	✖
F	Ford Motor Company	11.28	0.15	1.35	38472102	2017-06-12 17:53:00	✖
EA	Electronic Arts Inc	108.9	-1.56	-1.41	5822000	2017-06-12 18:00:00	✖
CSCO	Cisco Systems Inc	31.25	-0.12	-0.38	25783400	2017-06-12 18:02:00	✖
AMZN	Amazon.Com Inc	964.91	-13.4	-1.37	9438600	2017-06-12 18:03:00	✖

This a live search, and was done via the ajax calls.

-we can also delete any symbol if we click in the red button.

-if we click “add new symbol” we will have the following page:

localhost/barchart/add.html

Home

Symbol

Symbol Name

Last Price

Change

% Change

Volume

Time

We can go back home, or fill the new symbol.

If something is missing, we notify the user:

localhost/barchart/add.php

Symbol field is empty.  
name field is empty.  
last field is empty.  
change field is empty.  
pctchange field is empty.  
volume field is empty.  
tradetime field is empty.

[Go Back](#)

Tools used: xampp containing MySql and apache server, Notepad++.

Technologies:

PHP, HTML, CSS, javascript, jquery, ajax, bootstrap, tablesorter plugin.

Kind regards.