

Testing Plan

Team Kraken

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Test No	Test Type	Test Name	Test Situation	Expected Result	Actual Result	Actions
1	browser	login.jsp	1. login with valid credential 2. login with invalid credential	1. direct to search page 2. stay on login page and prompt user	1. as expected 2. as expected	No actions required
2	browser	resetPW.jsp	1. no input 2. incorrect input 3. correct input	1. prompt user for input 2. prompt user for correct username and password 3. update new password and direct to login page	1. as expected 2. as expected 3. as expected	No actions required
3	browser	CreateUser.jsp	1. no input 2. has input	1. prompt user for input 2. create account and direct to login page	1. as expected 2. as expected	No actions required
4	servlet	Web scraper	1. run main	1. scrape for data that meet the requirements	1. as expected	No actions required
5	Button	Acquire Data Button	1. click on	1. prompt user for button is clicked and run web scraper in backend and populate data	1. as expected	No actions required
6	Button	Log out button	1. click on	1. prompt user for button is clicked and return back to login page	1. as expected	No actions required
7	browser	Searchpage.jsp	1. no input 2. ID 3. Date 4.Headline 5.Symbol 6.Text	1. prompt user for input 2-6. displaying desired records	1-6. as expected and see screenshots below.	No actions required

8	button	Export pdf	1. click on	1. prompt user for location and filename to save, and convert data table to pdf file	1. as expected	No actions required
9	button	Export csv	1. click on	1. prompt user for location and filename to save, and convert data table to csv file	1. as expected	No actions required
10	button	Reset search	1. click on	2. return back to search page	1. as expected	No actions required

Screen shots for test 7:

2. ID

Dear: admin

Welcome to Search Page

ID

405

Search

Export ExcelExport CSVExport PDFReset Search

Show 10 entries

Search:

ID	Acquired Date	headline	symbol	text
405	2018-12-13 17:34:54	Notable Thursday Option Activity: UNP, NSC, SAM	UNP	(Symbol: UNP), where a total of 18,988 contracts have traded to date, representing approximately 1.9 million underlying shares. That amounts to about 41.3% of UNP's average daily trading volume over the past month of 4.6 million shares. Particularly high volume was seen for the \$1.60 strike call option expiring January 18, 2019, with 1,316 contracts trading on the today, representing approximately 151,600 underlying shares of UNP. Below is a chart showing UNP's trading twelve month trading history, with the \$1.60 strike highlighted in orange.

Showing 1 to 1 of 1 entries

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3. Date (select from calendar)

Dear: admin

Welcome to Search Page

Date

12/13/2018

Search

Acquire Data

Logout

Note: you can scroll down for more

Export Excel Export CSV Export PDF Reset Search				
Show 10 entries				
ID *	Acquired Date	headline	symbol	text
405	2018-12-13 17:34:54	Notable Thursday Option Activity: UNP, NSC, SAM	UNP	(Symbol: UNP), where a total of 19,988 contracts have traded so far, representing approximately 1.9 million underlying shares. That amounts to about 43.1% of UNP's average daily trading volume over the past month of 4.4 million shares. Particularly high volume was seen for the \$160 strike call option expiring January 18, 2019, with 2,516 contracts trading so far today, representing approximately 131,600 underlying shares of UNP. Below is a chart showing UNP's trading twelve month trading history, with the \$160 strike highlighted in orange.
406	2018-12-13 17:34:54	Notable Thursday Option Activity: UNP, NSC, SAM	NSC	(Symbol: NSC) are option trading volume of 9,871 contracts, representing approximately 987,100 underlying shares or approximately 42.2% of NSC's average daily trading volume over the past month, of 2.3 million shares. Particularly high volume was seen for the \$190 strike put option expiring January 18, 2019, with 2,900 contracts trading so far today, representing approximately 290,000 underlying shares of NSC. Below is a chart showing NSC's trading twelve month trading history, with the \$190 strike highlighted in orange.
407	2018-12-13 17:34:54	Notable Thursday Option Activity: UNP, NSC, SAM	SAM	(Symbol: SAM) options are showing a volume of 462 contracts thus far today. That number of contracts represents approximately 46,200 underlying shares, working out to a sizeable 42.9% of SAM's average daily trading volume over the past month, of 107,623 shares. Particularly high volume was seen for the \$160 strike put option expiring March 15, 2019, with 80 contracts trading so far today, representing approximately 8,000 underlying shares of SAM. Below is a chart showing SAM's trading twelve month trading history, with the \$160 strike highlighted in orange.
408	2018-12-13 17:34:55	Notable Thursday Option Activity: PDFS, VRTX, WDC	PDFS	(Symbol: PDFS) where a total volume of 1,875 contracts has been traded thus far today, a contract volume which is representative of approximately 165,100 underlying shares (given that every 1 contract represents 100 underlying shares). That number works out to 46.2% of PDFS's average daily trading volume over the past month, of 227,270 shares. Especially high volume was seen for the \$5 strike call option expiring May 17, 2019, with 351 contracts trading so far today, representing approximately 35,100 underlying shares of PDFS. Below is a chart showing PDFS's trading twelve month trading history, with the \$5 strike highlighted in orange.
409	2018-12-13 17:34:55	Notable Thursday Option Activity: PDFS, VRTX, WDC	VRTX	(Symbol: VRTX) saw option trading volume of 6,249 contracts, representing approximately 624,900 underlying shares or approximately 46.1% of VRTX's average daily trading volume over the past month, of 1.4 million shares. Especially high volume was seen for the \$200 strike call option expiring December 28, 2018, with 1,803 contracts trading so far today, representing approximately 180,300 underlying shares of VRTX. Below is a chart showing VRTX's trading twelve month trading history, with the \$200 strike highlighted in orange.
410	2018-12-13 17:34:55	Notable Thursday Option Activity: PDFS, VRTX, WDC	WDC	(Symbol: WDC) options are showing a volume of 28,900 contracts thus far today. That number of contracts represents approximately 2.9 million underlying shares, working out to a sizeable 44.2% of WDC's average daily trading volume over the past month, of 6.4 million shares. Especially high volume was seen for the \$47.50 strike call option expiring July 19, 2019, with 2,682 contracts trading so far today, representing approximately 268,200 underlying shares of WDC. Below is a chart showing WDC's trading twelve month trading history, with the \$47.50 strike highlighted in orange.

4. Headline (This is a “contains” search, because it will be hard to type in the exact headline (but yes, you can do it)

Dear: admin

Welcome to Search Page

Headline

Friday

Search

Acquire Data

Logout

Export Excel Export CSV Export PDF Reset Search				
Show 10 entries				
ID *	Acquired Date	headline	symbol	text
37	2018-11-16 21:22:49	Notable Friday Option Activity: JNJ, PDFS, ULTI	JNJ	(Symbol: JNJ), where a total of 45,185 contracts have traded so far, representing approximately 4.5 million underlying shares. That amounts to about 61.4% of JNJ's average daily trading volume over the past month of 7.3 million shares. Particularly high volume was seen for the \$146 strike put option expiring November 16, 2018, with 1,856 contracts trading so far today, representing approximately 185,600 underlying shares of JNJ. Below is a chart showing JNJ's trading twelve month trading history, with the \$146 strike highlighted in orange.
38	2018-11-16 21:22:49	Notable Friday Option Activity: JNJ, PDFS, ULTI	PDFS	(Symbol: PDFS) are option trading volume of 1,481 contracts, representing approximately 148,100 underlying shares or approximately 41.7% of PDFS's average daily trading volume over the past month, of 240,645 shares. Particularly high volume was seen for the \$5 strike call option expiring May 17, 2019, with 1,803 contracts trading so far today, representing approximately 180,300 underlying shares of PDFS. Below is a chart showing PDFS's trading twelve month trading history, with the \$5 strike highlighted in orange.
39	2018-11-16 21:22:49	Notable Friday Option Activity: JNJ, PDFS, ULTI	ULTI	(Symbol: ULTI) options are showing a volume of 2,184 contracts thus far today. That number of contracts represents approximately 218,400 underlying shares, working out to a sizeable 49.8% of ULTI's average daily trading volume over the past month, of 360,970 shares. Especially high volume was seen for the \$319 strike put option expiring November 16, 2018, with 1,196 contracts trading so far today, representing approximately 119,600 underlying shares of ULTI. Below is a chart showing ULTI's trading twelve month trading history, with the \$319 strike highlighted in orange.
40	2018-11-16 21:22:49	Notable Friday Option Activity: BTU, LNG, BEL	BTU	(Symbol: BTU), where a total volume of 3,936 contracts has been traded thus far today, a contract volume which is representative of approximately 393,600 underlying shares (given that every 1 contract represents 100 underlying shares). That number works out to 46.4% of BTU's average daily trading volume over the past month, of 848,710 shares. Particularly high volume was seen for the \$36 strike put option expiring April 18, 2019, with 2,679 contracts trading so far today, representing approximately 267,900 underlying shares of BTU. Below is a chart showing BTU's trading twelve month trading history, with the \$36 strike highlighted in orange.
41	2018-11-16 21:22:50	Notable Friday Option Activity: BTU, LNG, BEL	LNG	(Symbol: LNG) options are showing a volume of 12,115 contracts thus far today. That number of contracts represents approximately 1.2 million underlying shares, working out to a sizeable 49% of LNG's average daily trading volume over the past month, of 2.7 million shares. Especially high volume was seen for the \$50 strike put option expiring January 18, 2019, with 2,623 contracts trading so far today, representing approximately 262,300 underlying shares of LNG. Below is a chart showing LNG's trading twelve month trading history, with the \$50 strike highlighted in orange.
42	2018-11-16 21:22:50	Notable Friday Option Activity: BTU, LNG, BEL	BEL	(Symbol: BEL) options are showing a volume of 3,332 contracts thus far today. That number of contracts represents approximately 333,200 underlying shares, working out to a sizeable 44.2% of BEL's average daily trading volume over the past month, of 749,330 shares. Particularly high volume was seen for the \$17.50 strike call option expiring November 16, 2018, with 966 contracts trading so far today, representing approximately 96,600 underlying shares of BEL. Below is a chart showing BEL's trading twelve month trading history, with the \$17.50 strike highlighted in orange.

5.Symbol (this is a “exact” search, only 4 letters maximal)

Dear: admin

Welcome to Search Page

Symbol

JNJ

Search

Acquire Data

Logout

Export ExcelExport CSVExport PDFReset Search

Show 10 entries

Search:

ID	Acquired Date	headline	symbol	text
37	2018-11-16 21:22:49	Notable Friday Option Activity: JNJ, PDFS, ULTI	JNJ	(Symbol: JNJ), where a total of 45,105 contracts have traded so far, representing approximately 4.5 million underlying shares. That amounts to about 61.0% of JNJ's average daily trading volume over the past month of 7.3 million shares. Particularly high volume was seen for the \$146 strike put option expiring November 16, 2018, with 3,356 contracts trading so far today, representing approximately 105,600 underlying shares of JNJ. Below is a chart showing JNJ's trading twelve month trading history, with the \$146 strike highlighted in orange.
148	2018-12-05 00:14:40	Notable Tuesday Option Activity: JNJ, STLD, ANTM	JNJ	(Symbol: JNJ), where a total volume of 34,093 contracts has been traded thus far today, a contract volume which is representative of approximately 3.4 million underlying shares (given that every 1 contract represents 100 underlying shares). That number works out to 47% of JNJ's average daily trading volume over the past month, of 7.3 million shares. Especially high volume was seen for the \$144 strike put option expiring December 07, 2018, with 2,580 contracts trading so far today, representing approximately 258,000 underlying shares of JNJ. Below is a chart showing JNJ's trading twelve month trading history, with the \$144 strike highlighted in orange.

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6. Text (This is a “contains” search, because it will be hard to type in the exact text (but yes, you can do it)

Dear: admin

Welcome to Search Page

Symbol Text

Symbol: UNP

Search

Acquire Data

Logout

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Show 10 entries

Search:

ID	Acquired Date	headline	symbol	text
81	2018-11-20 21:47:15	Notable Tuesday Option Activity: MA, KSS, UNP	UNP	(Symbol: UNP) saw options trading volume of 21,307 contracts, representing approximately 2.1 million underlying shares or approximately 44.9% of UNP's average daily trading volume over the past month, of 4.7 million shares. Especially high volume was seen for the \$135 strike put option expiring January 18, 2019, with 2,621 contracts trading so far today, representing approximately 262,100 underlying shares of UNP. Below is a chart showing UNP's trading twelve month trading history, with the \$135 strike highlighted in orange.
405	2018-12-13 17:34:54	Notable Thursday Option Activity: UNP, NSC, SAM	UNP	(Symbol: UNP), where a total of 18,981 contracts have traded so far, representing approximately 1.9 million underlying shares. That amounts to about 43.3% of UNP's average daily trading volume over the past month of 4.4 million shares. Particularly high volume was seen for the \$160 strike call option expiring January 18, 2019, with 3,216 contracts trading so far today, representing approximately 321,600 underlying shares of UNP. Below is a chart showing UNP's trading twelve month trading history, with the \$160 strike highlighted in orange.

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