FEBRUARY 27, 2017

TRADECAST CLIENT PAKISTAN STOCK EXCHANGE LIMITED

CATALYST IT SOLUTIONS
CATALYST IT SOLUTIONS

TRADECAST CLIENT USER GUIDE

VERSION 1.2

DISCLAIMER



REVISION HISTORY

Version	Date	Revision Description
v 1.0	18 th September 2016	
v 1.1	12 th August 2016	
v 1.2	27 th February 2017	

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1. SYSTEM DESIGN

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1.1 WELCOME

1.1.1 INTRODUCTION

TradeCast client is a trading application which connects with the TradeCast Server. It shows buying and selling rate of shares with respect to its symbol. Within its Market Watch, it contains more detailed information about each share. The user can buy or sell their shares through this application.

Furthermore, the user can keep an eye on activities happening in the market. The detailed information about the features of TradeCast Client is described below.

1.1.2 INSTALLATION PROCEDURE

To install TradeCast client, Install JAVA in your System, after java installation open your web browser and type the given URL in URL bar. Download the application, before running, to make sure Marks, Main Data base, Date Base services is running and Connected to Trade Cast Server, now the following login screen will appear after the downloading has finished.

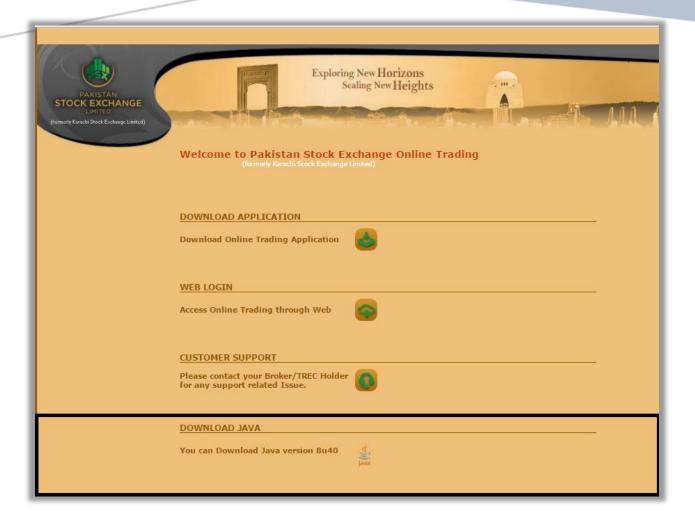
1. Minimum Hardware required

Ram	512 M.B
Processer	1.6 GHz
Hard drive Space	200 M.B
Operating System	Windows, Mac O.S

2. Java

Install Java from the following link

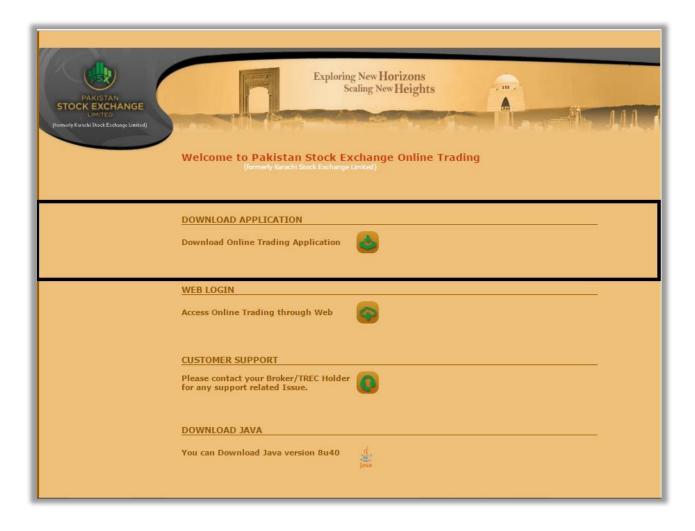
https://kits2.psx/.com.pk



3. TradeCast URL

Install Trade Cast Client from the following link

https://kits2.psx.com.pk/TradeCast/TradeCast.html



2. **GETTING STARTED...**

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GETTING STARTED...

This section will let you know about the logging on and changing password of an Account.

2.1 LOGGING ON.

Using the 'Login Window' option, Contain login trade cast client to provided user name and password for trade buy, sell Leverage buy, Bunch order Short sell, Change, And Cancel Orders, and view market watch, Tickers, message window Etc. Login window option also provide forgot password option.



Field Name	Description
Logging On	
User ID	Provided ' user ID ' type here.
Password	Provided user ID ' Password ' type here.
Login	Click' Login' User Profile will be displayed, along with your Name on the screen.
Cancel	Click 'Cancel' button to Cancel User login Procedure.
Forgot	If you forgot the password, click on 'Forgot Password' button.

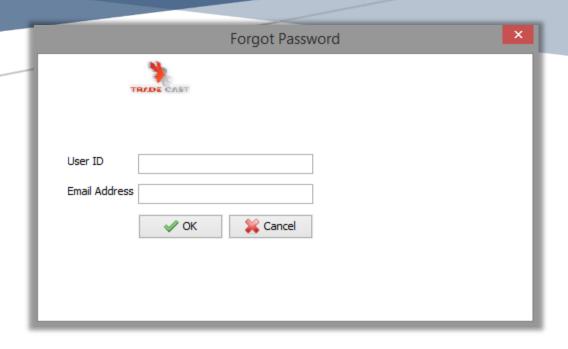
NOTE: If User name or password is incorrect show message "Invalid Login Credentials!"

If you have three time wrong password account has been blocked "Your Password has been locked. Please contact administrator for further

assistance!"

2.2 FOROT PASSWORD

Using the 'Forgot Password' option, you can forgot your issue password, you can reset it using the email address to you registered in Trade Cast Server.



Field Name	Description
Forgot Password	
User ID	Enter the Current Provided TradeCast ' User ID '.
Email Address	Form this option, enter ' Email address ' those registered in the TradeCast Server.
Ok	Click ' OK ' button to send forgot password email to registered Email.
Cancel	Click 'Cancel' button to Cancel Forget password Procedure.

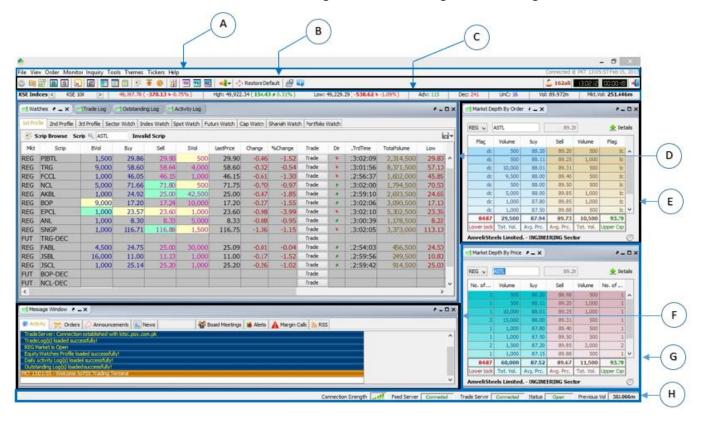
3. USING THE SYSTEM...

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3.1 USING THE SYSTEM...

3.1.1 MAIN WINDOW

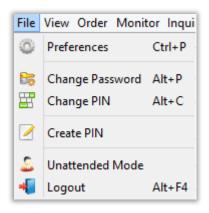
Using the 'Main Window' option, you can view all windows like watches, sector watch, Index watch, spot watch, Future watch, cap watch, Shariah watch, and portfolio watch. Trade log, Outstanding Log, Activity log, Scrip wise Market capital, Buy, sell, sell volume, last price, trade option, fundamentals, fundamentals and financial details view option. Tickers, Upper capped ticker, Lower Locked ticker, top 30 movers and Custom Ticker, Message window option, Activity, Orders, Announcements, News, House Messages, Board Meetings, Alerts, Margin Calls, RSS.



Field Name	Description
Main Window	

(A) Menu Bar	'Menu Bar' Containing the File, View, Order, Monitor, Inquiry,
	Tools, Themes, Tickets, Help option.
	(- 15 (
(B) Tool Bar	'Tool Bar' containing several tools.
(C) Index Bar	'Index bar' containing index values.
(D) Watches	'Watches' window containing several type of watches like
	,Sector watch, Index watch, Spot watch, Future Watch, Cap
	watch, Shariah Watch, Portfolio Watch etc.
(E) Market	This option containing Market Scrip depth by order.
Depth By	
Order	
(F) Message	This option view all type of message like, Activity, Orders , News,
Window	Board meeting, Announcements, alerts etc.
(G) Market	This option containing Market Scrip depth by Price.
Depth By	
Price	
(H) Status Bar	This option view TradeCast Client Connectivity with Feed Server,
	TradeCast Server and also show Market status.

3.2 FILE.



3.2.1 PREFERENCES WINDOW.

1. General

Using the 'Preferences Window' option, you can set Trade cast user setting to View and trading, orders, Error windows, order conformation, popup window, trade messages, cap alerts, spot alerts, show bubble help etc.



2. Change Password Window.

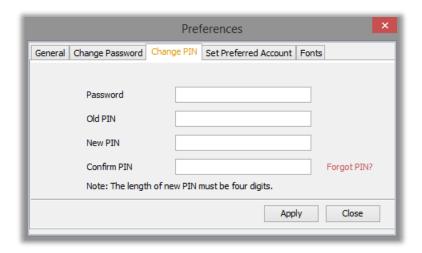
Using the 'Change Password Window' option, you can change your Trade cast user password, new password must contain alpha numeric characters with the length of eight to twelve characters, and new password and confirm password also matched.



Field Name	Description
Change Password	
Current Password	Enter the Current User Password.
New Password	Enter ' New password ', new password must contain alpha numeric characters with the length of eight to twelve characters.
Confirm Password	Enter new password again to ' Confirm change password ', new password and confirm password also matched.
Apply	Click 'Apply button to change your current user password.
Close	Click 'Close' button to Close Change password Form.

3. Change Pin Window.

Using the 'Change PIN Window' option, you can change your Trade cast user PIN, the length of new PIN must be four digits, Change PIN window option also provide forgot PIN Option,.

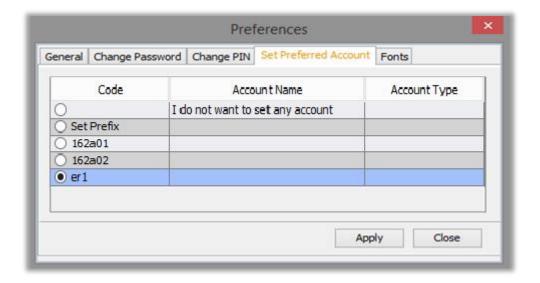


Field Name	Description
Change Pin	
Password	Enter the Current User Password.
Old pin	Enter 'Old PIN'.
New Pin	Enter 'New PIN', new PIN must be four digits.
Confirm PIN	Enter Confirm PIN again to 'Confirm change PIN', new PIN and confirm PIN should also matched

Apply	Click 'Apply button to change your Current User PIN.
Close	Click 'Close' button to Close Change PIN Form.

4. Set Preferred Account Window.

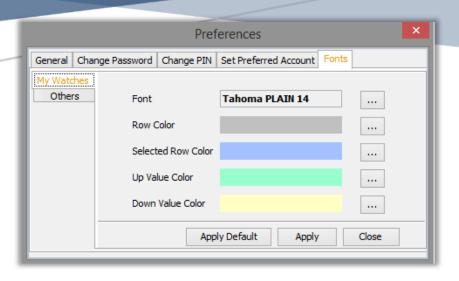
Using the 'Set Preferred Account Window' option you can set the default account for logs, orders window, exposure window and Etc.



Field Name	Description	
Set Preferred A	Set Preferred Account	
Code	From this option select account for by default use in all type of orders window, exposure window, and logs.	
Account name	From this option select ' Set Prefix ' from code list for set short name of accounts.	
Apply	Click 'Apply' button to change your default Account to use in all type of orders window, exposure window, and logs.	
Close	Click 'Close' button to Close Preferences Form.	

5. Fonts Window (My Watches).

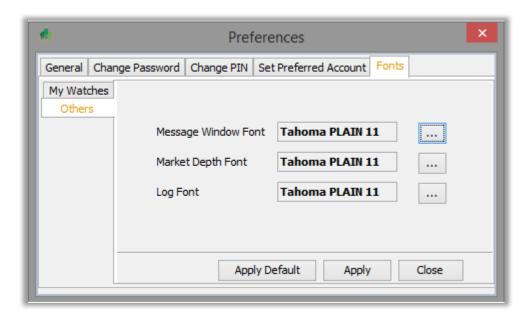
Using the 'Fonts Window (My Watches)' option, you can set Font family, Row Color, up value color, down value color and selected row color.



Field Name	Description
Fonts (My Wate	ches)
Font	From this option select ' Font ' for use in Tradecast client for logged in user.
Row Color	From this option select ' Row Color ' for use in Tradecast client for logged in user.
Selected Row Color	From this option select ' Selected Row Color ' for use in Tradecast client for logged in user.
Up Value color	From this option select ' Up Value Color' for use in Tradecast client for logged in user.
Down Value Color	From this option select ' Down Value Color' for use in Tradecast client for logged in user.
Apply Default	Click 'Apply Default' button to Apply default fonts and colors.
Apply	Click ' Apply' button to change your default fonts and colors setting.
Close	Click ' Close' button to Close Preferences Form.

6. Fonts Window (Others).

Using the 'Fonts Window (Others)' option, you can set Font family, Message window font, Market depth font, Log font and Indices font.

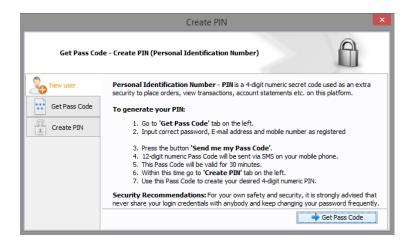


Field Name	Description
Fonts (Others)	
Message Window Font	From this option select ' Message Window Font ' for use in Tradecast client for logged in user.
Market Depth Font	From this option select 'Market Depth Font' for use in Tradecast client for logged in user.
Log Font	From this option select ' Log Font ' for use in Tradecast client for logged in user.
Apply Default	Click 'Apply Default' button to Apply default fonts and colors.
Apply	Click ' Apply ' button to change your default fonts and colors setting.
Close	Click 'Close' button to Close Preferences Form.

3.2.2 **CREATE PIN.**

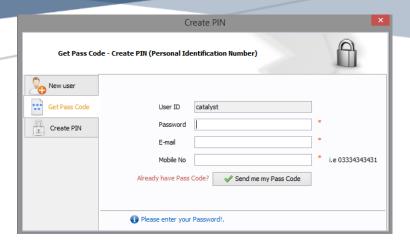
1. New User.

Using the 'New User' window, you can view the instructions for creating the PIN. By clicking the button of 'Get Pass Code' you will proceed to 'Get Pass Code' window.



2. Get Pass Code.

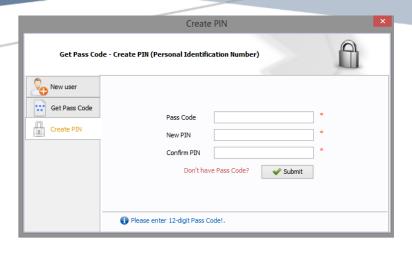
Using the 'Get Pass Code' window, you can enter Password, registered Email and registered Mobile No then click on 'Send me my Pass Code 'button. From this form, Password, Email and Mobile No will be validated. After validation, a Pass Code will be received on registered Email and registered Mobile No. After receiving Pass Code click on 'Already have Pass Code' option, it will proceed to 'Create PIN' window.



Field Name	Description
Get Pass Code	
User ID	From this option view current logged in user.
Password	From this option enter ' Password ' for logged in user.
Email	From this option enter registered ' Email ' for the current user.
Mobile number	From this option enter registered 'Mobile number' for the current user.
Send me my Pass Code	Click 'Send me my Pass Code' button to Generate auto pass code and send pass code on registered email.
Already Have Pass Code?	Click on 'Already have Pass Code?' option, it will proceed to 'Create PIN' window.

3. Create PIN.

Using the 'Create PIN' window, you can enter received Pass Code, New PIN and Confirm PIN. Confirm Pin and New Pin will be matched. After complete entries click on 'Submit' button to create PIN Code. 'Don't have Pass Code?' option will re-direct to 'Get Pass Code' Window.



Field Name	Description
Create Pin	
Pass Code	From this option enter 'Pass Code' that is received in email.
New Pin	Enter 'New PIN', new PIN must be four digits.
Confirm Pin	Enter PIN again to ' Confirm change PIN ', new PIN and confirm PIN also matched.
Submit	Click ' Submit' button to create new pin.
Don't have Pass code	Click ' Don't have pass code' button to return pass code generated processes.

3.2.3 MODES.

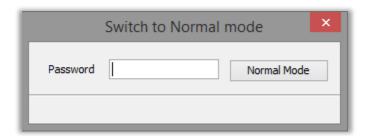
1. Unattended Mode.

Using the 'Unattended Mode' option, Trade Cast user will not be able to perform any transactional activity.



2. Normal Mode.

Using the 'Normal Mode' option, you can enter Trade cast user login password and click on 'Normal Mode' button. User will be able to Perform Transactional Activity.

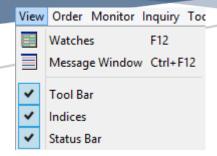


3.2.4 LOGOUT.

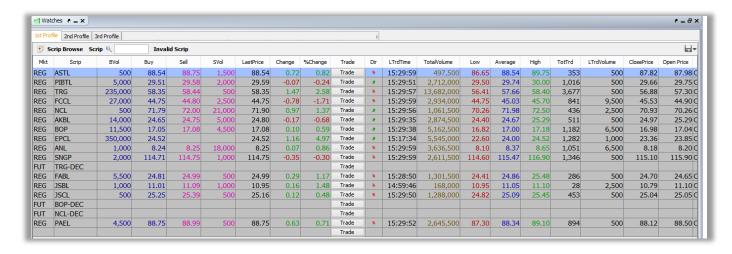
From 'Logout' window, the user can logged out by selecting 'Yes' and remain logged in by selecting 'No'.



3.3 **VIEW**.



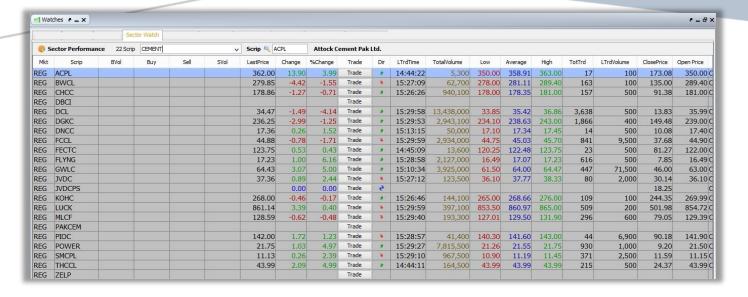
3.3.1 Watches.



Using the 'Watches' option you can open Market Watch.

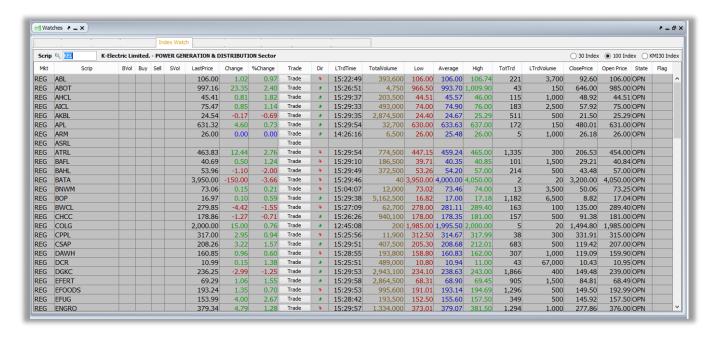
Field Name	Description
1 st Profile, 2 nd Profile and 3 rd Profile	
Profile	In watches option '1st profile, 2nd profile and 3rd profile' option client set Scrip for showing customize scrip.

1. Sector Watch



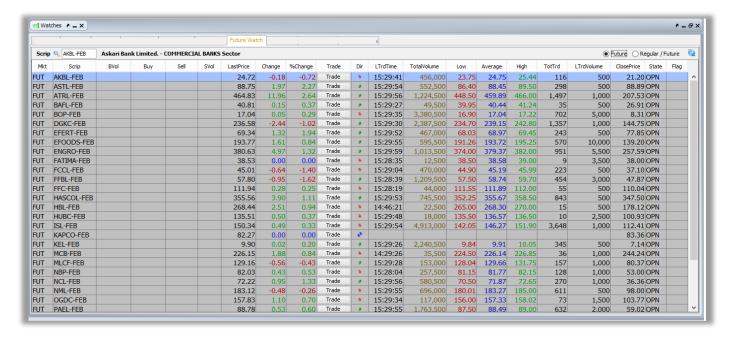
Field Name	Description
Sector Watch	
Sector watch	In watches option 'Sector Watch' view and search market data sector and scrip wise.

2. Index watch



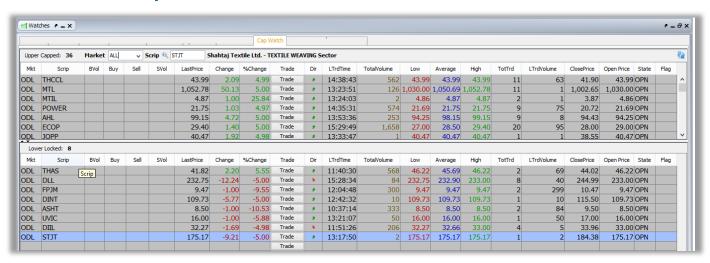
Field Name	Description
Index Watch	
Index Watch	In watches option ' Index Watch' , view and search Scrip Wise market data KSE 30index, 100 index and KMI30 Index wise.

3. Future Watch



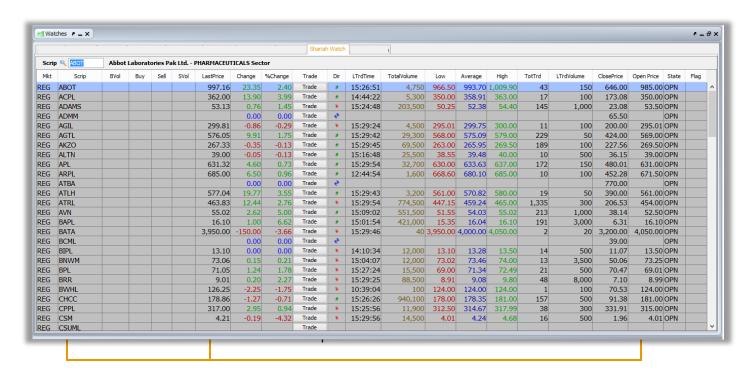
Field Name	Description
Index Watch	
Future Watch	In watches option ' Future Watch' view and search market data Future market wise. And compare future and Reg market data.

4. Cap Watch



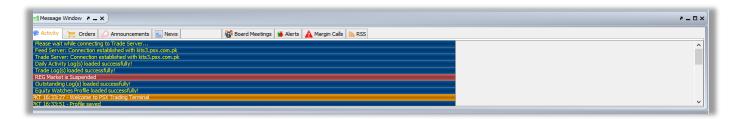
Field Name	Description
Cap Watch	
Cap Watch	In watches option ' Cap Watch ' view and search Cap Symbols Market and scrip wise.

5. Shariah Watch



3.3.2 MESSAGE WINDOW.

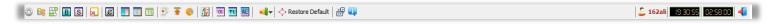
Using the 'Message Window' option if message window close in TardeCast client main screen you can re-open Message window from this option.



Field Name	Description			
Message Windo	sage Window			
Message Window	In ' Message Window ' view All type of message like tradecast Activity, orders, Announcements, news, board meeting, alerts etc.			

3.3.3 TOOL BAR.

Using the 'Tool bar' option can check/ uncheck for hide and show tool bar in TardeCast client main window.



Field Name	Description
Tool bar	
Tool Bar	Tool Bar containing several tools.

3.3.4 INDICES.

Using the 'Indices' option can check/ uncheck for hide and show indices bar in TardeCast client main window.

KSE Indices < KSE 100 >	49,588.30 (374.15 + 0.75%)	High: 49,693.84 (479.69 ≠ 0.97%)	Low: 49,163.91 (-50.24 > -0.10%)	Adv: 252	Dec: 130	UnC: 20	Vol: 88.873m	Mkt.Vol: 263.261m

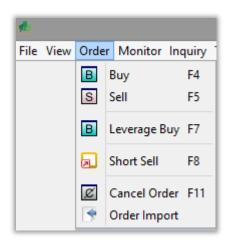
Field Name	Description
Indices	
Indices	Index bar containing index values.

3.3.5 STATUS BAR.

Using the 'Status bar' option can check/ uncheck for hide and show Status bar in TardeCast client main window.

Field Name	Description
Status Bar	
Status Bar	This option view TradeCast Client Connectivity with Feed Server, TradeCast Server and also show Market status.

3.4 ORDER.



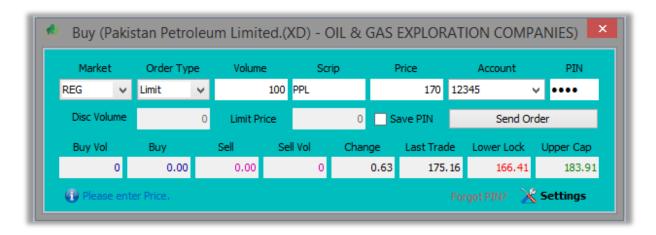
3.4.1 **BUY WINDOW.**

Using the 'Buy' Window facilitates the Tradecast User to place buy order in various markets and order types by defining desired volume and price in listed financial instruments (Scrip).

Like every transactional activity in the trade cast user terminal, this type of transactional activity is also protected by PIN Code.

This window also facilitate the user,

- View live market Feed along with the last trade, lower lock, upper cap of particular financial instrument (Scrip).
- To define disclose volume for iceberg orders.
- ➤ To define limit price for contingent orders.



Field Name	Description			
Buy Window				
Market	Select ' Market ' from this option.			
Order Type	Select ' Order Type' from this option.			
Volume	From this option, enter buy volume.			
Scrip	From this option, enter buying Scrip.			
Price	From this option, enter buying price.			
Account	Select ' Account ' for buy order.			
PIN	From this option enter registered PIN number.			
Send Order	Click ' Send Order' button to place Buy order in market.			

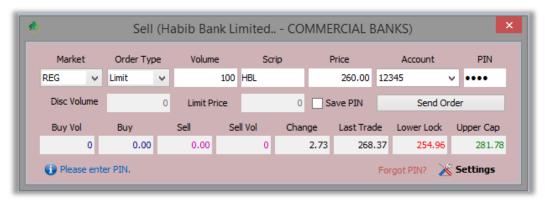
3.4.2 **SELL WINDOW.**

Using the 'Sell' Window facilitates the Tradecast User to place Sell order in various markets and order types by defining desired volume and price in listed financial instruments (Scrip).

Like every transactional activity in the trade cast user terminal, this type of transactional activity is also protected by PIN Code.

This window also facilitate the user,

- View live market Feed along with the last trade, lower lock, upper cap of particular financial instrument (Scrip).
- ➤ To define disclose volume for iceberg orders.
- > To define limit price for contingent orders.



Field Name	Description		
Sell Window			
Market	Select ' Market ' from this option.		
Order Type	Select ' Order Type' from this option.		
Volume	From this option, enter Sell volume.		
Scrip	From this option, enter Selling Scrip.		
Price	From this option, enter Selling price.		
Account	Select ' Account ' for Sell order.		
PIN	From this option enter registered PIN number.		
Send Order	Click ' Send Order' button to place Sell order in market.		

3.4.3 LEVERAGE BUY WINDOW.

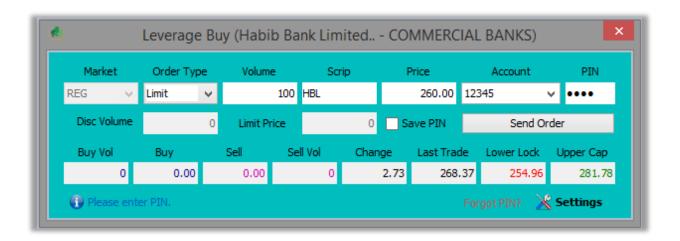
Using the 'Leverage Buy' Window facilitates the TradeCast User to place Leverage buy order in various markets and order types by defining desired volume and price in listed financial instruments (Scrip).

Separate Leverage Buy window facilitate the user to place quick orders in leverage Buy market.

Like every transactional activity in the trade cast user terminal, this type of transactional activity is also protected by PIN Code.

This window also facilitate the user,

- ➤ View live market Feed along with the last trade, lower lock, upper cap of particular financial instrument (Scrip).
- > To define disclose volume for iceberg orders.
- To define limit price for contingent orders.



Field Name	Description			
Leverage Buy Window				
Market	Select ' Market ' from this option.			
Order Type	Select ' Order Type ' from this option.			
Volume	From this option, enter Leverage Buy volume.			
Scrip	From this option, enter Leverage Buy Scrip.			
Price	From this option, enter Leverage Buy price.			
Account	Select ' Account ' for Leverage Buy order.			
PIN	From this option enter registered PIN number.			
Send Order	Click ' Send Order' button to place Leverage Buy order in market.			

SHORT SELL WINDOW. 3.4.4

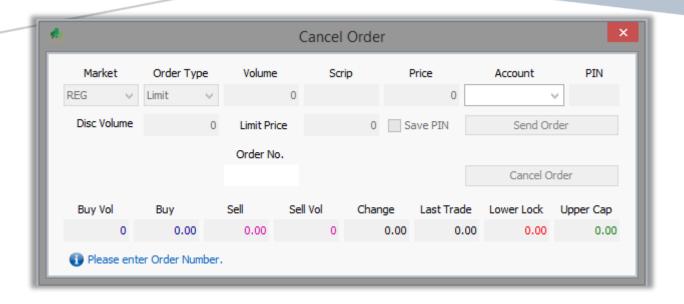
Using the 'Short Sell' window is rather similar to the Sell window except the fact that order placed through this window intimates the exchange that the particular Sell order is a Short sell Order – short sell order is the order in which trader does not contain the holding of the particular financial instrument (Scrip).



Field Name	Description				
Short Sell Wind	Short Sell Window				
Market	Select ' Market ' from this option.				
Order Type	Select ' Order Type ' from this option.				
Volume	From this option, enter Short Sell volume.				
Scrip	From this option, enter Short Sell Scrip.				
Price	From this option, enter Short Sell price.				
Account	Select ' Account' for Short Sell order.				
PIN	From this option enter registered PIN number.				
Send Order	Click ' Send Order' button to place Short Sell order in market.				

3.4.5 CANCEL ORDER WINDOW.

Using the 'Cancel Order 'window allows the user to cancel any specific order.



Field Name	Description			
Cancel Order Window				
Order No	From this option enter ' Order No ' and press enter, this will fill whole order information in relevant fields.			
Cancel Order	Click 'Cancel Order' button to cancel order from market.			

ORDER IMPORT WINDOW. 3.4.6

Using the 'Order Import' Window, you should first export your outstanding orders from 'outstanding log window' to using export option or make export file using below specification.

Order export file should be in text format, a tuple should be new line carriage return with each value separated via semicolon.

Sample is below:

REG;NML;118.25;1000;AC01;BUY

REG;OGDC;138.36;5000;ZW01;BUY

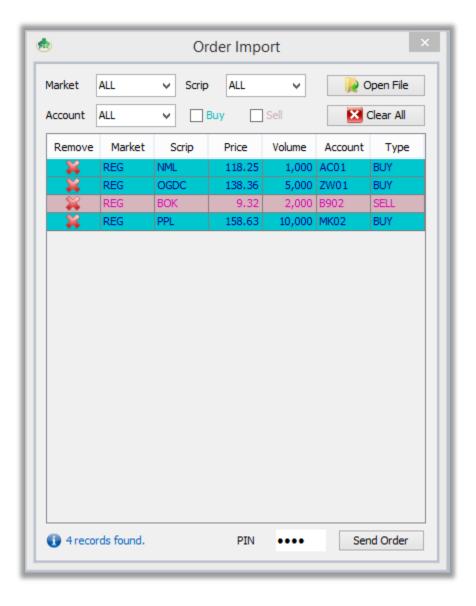
REG;BOK;9.32;2000;B902;SEL

REG;PPL;158.63;10000;MK02;BUY

File column position and description

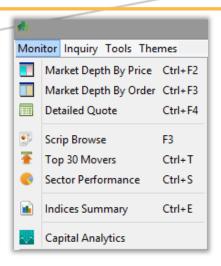
S. No	Filed	Туре	Description	Example
1	Market	Text	Market name provide here	REG / FUT / ODL
2	Symbol	Text	Symbol name provide here	PPL / OGDC / NML
3	Price	Number	Symbol price provide here, it should be decimal number	16.75 / 872.00 / 32.94
4	Volume	Number	Order volume provide here, it should be whole number	100 / 1500 / 5000
5	Account	Text	Account provided here	AK00 / 052019
6	Type	Text	Order type provide here, it should be BUY / SEL	BUY / SEL

Place required orders from files which is export or make by specification, all the orders in file will place in market.



Field Name	Description				
Order Import v	Order Import window				
Open File	Click 'Open File' button to Browse import orders file.				
Clear All	Click 'Clear All' button to Clear all Browse data to view in grid.				
Remove	Click ' Remove ' option to remove order in import file.				
Market	Select ' Market ' from this option to view Selected market orders.				
Scrip	Select ' Scrip ' from this option to view Selected Scrip orders.				
Account	Select ' Account ' from this option to view Selected Account orders.				
Buy	Click ' Buy' check to view only buy orders.				
Sell	Click ' Sell check to view only Sell orders.				
PIN	From this option enter registered 'PIN' number.				
Send Order	Click 'Send Order' button to place all import orders in market.				

3.5 MONITOR.



3.5.1 MARKET DEPTH BY PRICE.

Using 'Market Depth by Price' window depicts the orders placed in the particular market of the financial instruments (Scrip), it shows count of buy/sell orders at particular price.

This window shows market, scrip, last trade price, total volume, average price, lower lock and upper cap of the particular financial instrument (Scrip).

This window separate the buy and sell orders by distinguished color scheme.



Field Name	Description
Market Depth By Price	
Market	Select ' Market ' from this option to view Selected market data.
Scrip	From this option enter ' Scrip ', to view entered scrip data.

3.5.2 MARKET DEPTH BY ORDER.

Market Depth by Order depicts the orders placed in the sequence of placement of the particular Scrip in the particular market. This grid view shows the orders placed in the market according to the priority based on the order placement sequence.

This window shows market, scrip, last trade price, total volume, average price, lower lock and upper cap of the particular financial instrument (Scrip).

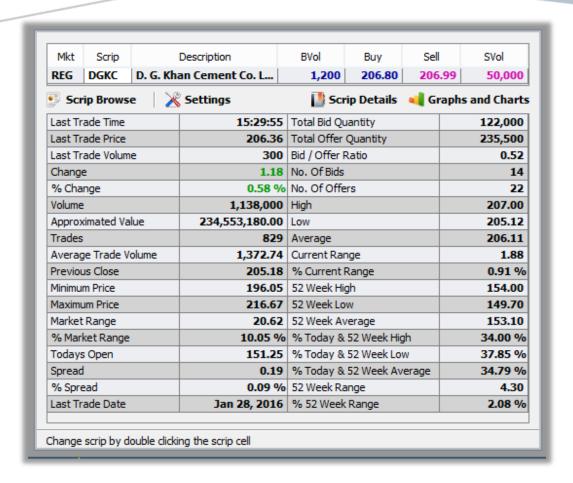
This window separate the buy and sell orders by distinguished color scheme.



Field Name	Description
Market Depth By Order	
Market	Select market from this option to view Selected market data.
Scrip	From this option enter scrip to view entered scrip data.

DETAILED QUOTE WINDOW. 3.5.3

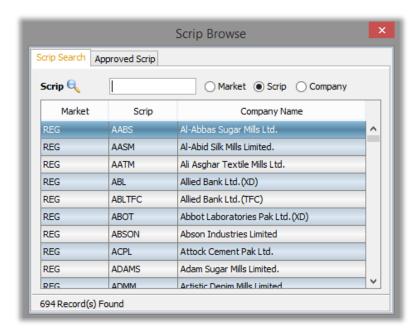
This window shows various intraday as well as historical data of the particular financial instrument (scrip) such as last trade tme, last trade price, 52 week low, 52 week high etc.



Field Name	Description
Detailed Quote Window	
Market	Select ' Market ' from this option to view Selected market data.
Scrip	From this option enter ' Scrip ' to view entered scrip data.

SCRIP BROWSE. 3.5.4

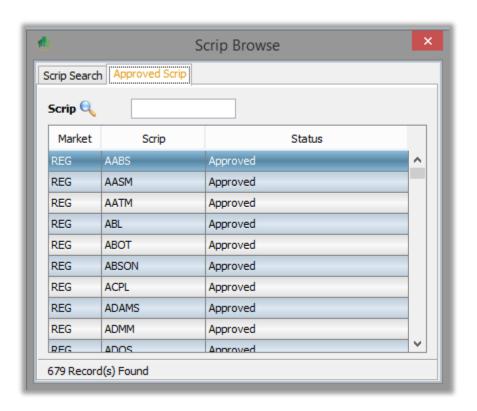
Using the 'Scrip Browse' option, User can search Scrip by market, Scrip and company.



Field Name	Description
Scrip Browse	
Market	Select ' Market ' from this option to Search market data by Market.
Scrip	Select ' Scrip ' from this option to Search market data by Scrip.
Company	Select ' Company ' from this option to Search market data by Company.

SCRIP BROWSE (APPROVED SCRIP). 3.5.5

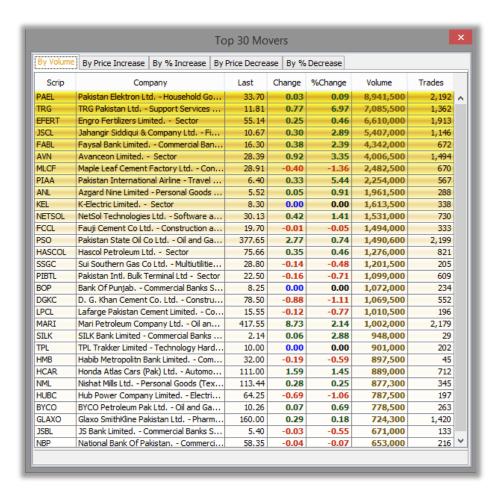
Using the 'Scrip Browse (Approved Scrip)' option, User can search only Approved Scrip.



Field Name	Description
Scrip Browse (Approved Scrip)	
Scrip	From this option search only Approved scrip.

3.5.6 **TOP 30 MOVERS.**

Using the 'Top 30 Movers' option, user can view top 30 movers by volume, By price increase, By % Increase, By Price Decrease and By % Decrease.



3.5.7 SECTOR PERFORMANCE.

Using the 'Sector Performance' window, user can view Sector Performance by volume, also shows the financial instrument (scrip) leading in the particular sector along with the volume.



3.5.8 **INDICES SUMMARY.**

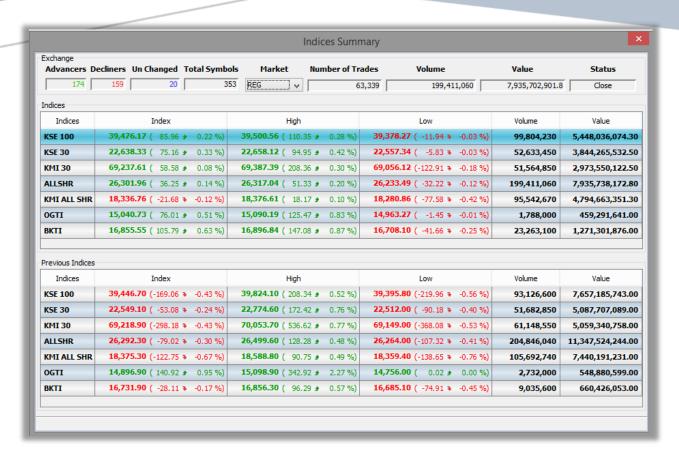
An index is an indicator or measure of something, and in finance, it typically refers to a statistical measure of change in a securities market. In the case of financial markets, stock indices consist of an imaginary portfolio of securities representing a particular market or a portion of it.

Indices summary shows advancers, Decliners, un-changed financial instruments (Scrip) out of Total scrip's in the particular market. It also shows number of trades, volume, and value as well as the current status of the particular market. This window contains intraday as well as previous day indices summary.

It includes the summary of the following indices.

- ➤ KSE 100
- ➤ KSE 30
- ➤ KMI 30
- ➤ ALLSHR
- > KMI ALLSHR
- ➢ OGTI

➢ BKTI



3.6 INQUIRY.



EXPOSURE WATCH. 3.6.1

Exposure watch is the essence of the trading terminal in terms of the complete portfolio of the trader's account.

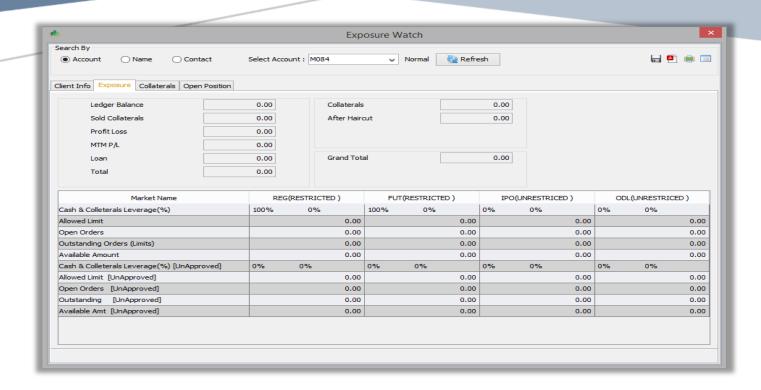
Exposure watch contains the following tabs,

Client Info – contains trader's information including name, email address, phone number, cell number, CDC ID, CNIC number etc.

Exposure Watch – complete portfolio details of the trader.

Collaterals – contains the complete information about the trader's security holdings.

Open Position – contains all the information about the trader's session holdings.



Field Name	Description
Exposure Watc	h
Account	Select ' Account ' from this option to Search Exposure watch by Account number.
Name	Select ' Name ' from this option to Search Exposure watch by Name
Contact	Select ' Contact ' from this option to Search Exposure watch by Contact number.

This window elaborates all the details of the trader's portfolio containing the following,

Ledger Balance	Cash submitted to the broker by the trader.
Sold Collaterals	Value of holdings sold at the same trading date.
Profit Loss	Overall profit or loss.

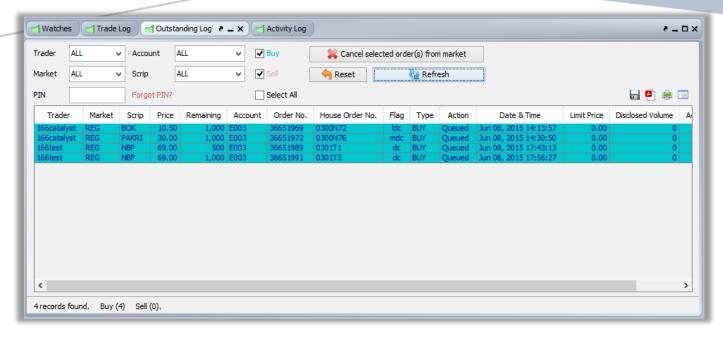
MTM P/L	Mark to market Profit or loss
Loan	Loan in terms of cash leveraged by the broker.

Total	Total amount of the after the calculation in terms
	of cash.
Collaterals	Total value of the holdings in possession of the
	trader.
After Haircut	Total value of the holdings after applying the
	haircut accordingly.
Liquidity Total	Total portfolio value of the trader in terms of cash
-	and holdings.

Exposure tab of the mentioned window also contains the view of risk management policies designed by the broker in order to facilitate the trader for risk free trading. It contains market wise policies in terms of cash and holdings applied to the trader by the broker. It depicts market wise allowed limits, open orders, outstanding orders in terms of approved and unapproved financial instruments.

OUTSTANDING LOG. 3.6.2

Using the 'Outstanding Log' contains the orders which are placed in the market but not yet traded.

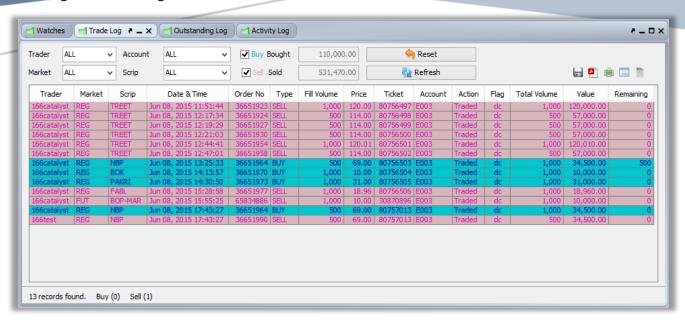


Field Name	Description
Outstanding Lo	og .
Trader	Select ' Trader' from this option, User can search the orders by Trader Name filter.
Market	Select ' Market' from this option, User can search the orders by Market filter.
Account	Select ' Account' from this option, User can search the orders by Account filter.
Scrip	Select ' Scrip' from this option, User can search the orders by Scrip filter.
BUY / SELL	Click ' Buy/Sell ' check to view only buy/Sell orders.

PIN	From this option, enter registered PIN number for cancelling orders.
Cancel selected orders from market	From this option, 'Cancel Selected Orders from Market' will cancel selected orders from the market.
Export	Multiple formats are available for exporting the Outstanding Log.

3.6.3 TRADE LOG.

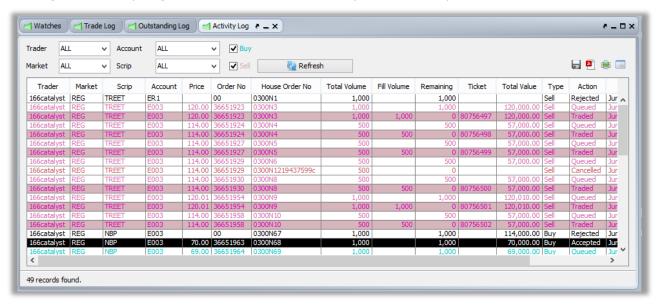
Using the 'Trade Log' window contains the orders which are executed in the market.



Field Name	Description
Trade Log	
Trader	Select ' Trader' from this option, User can search the orders by Trader Name filter.
Market	Select ' Market' from this option, User can search the orders by Market filter.
Account	Select ' Account' from this option, User can search the orders by Account filter.
Scrip	Select ' Scrip' from this option, User can search the orders by Scrip filter.
BUY / SELL	Click 'Buy/Sell' check to view only buy/Sell orders.
Export	Multiple formats are available for exporting the Outstanding Log.

ACTIVITY LOG. 3.6.4

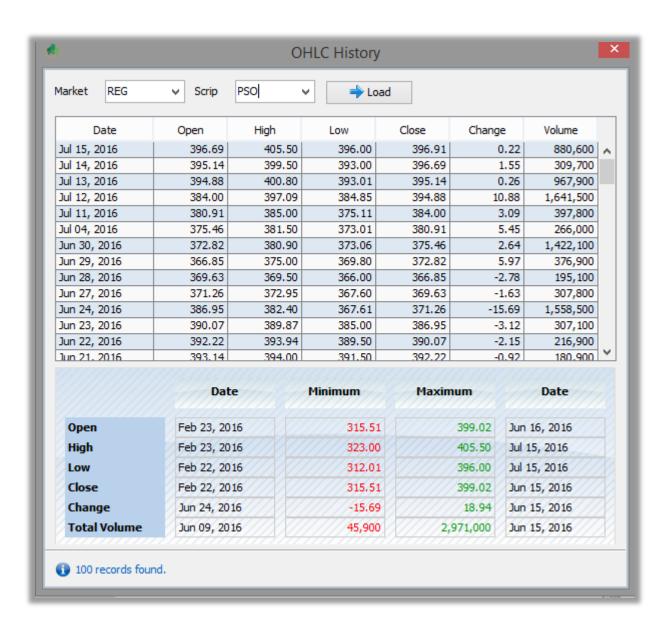
Using this 'Activity Log' Window contains the activity performed by Trader.



Field Name	Description
Trade Log	
Trader	Select ' Trader' from this option, User can search the orders by Trader Name filter.
Market	Select 'Market' from this option, User can search the orders by Market filter.
Account	Select ' Account' from this option, User can search the orders by Account filter.
Scrip	Select ' Scrip ' from this option, User can search the orders by Scrip filter.
BUY / SELL	Click 'Buy/Sell' check to view only buy/Sell orders.
Export	Multiple formats are available for exporting the Outstanding Log.

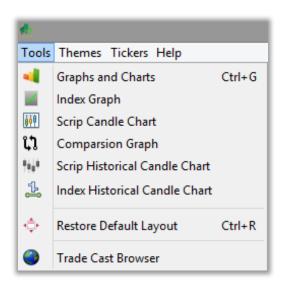
3.6.5 OHLC HISTORY.

Using this 'OHCL History' Window contains the all market Scrip Open, High, Low, close, Change price Show date wise.



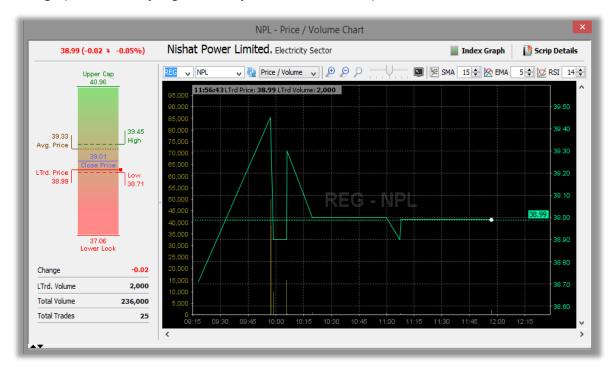
Field Name	Description
OHLC History	
Market	Select 'Market', from this option, User can search Scrip Price by Market filter.
Scrip	Select ' Scrip' , from this option, User can search Scrip Price by Scrip filter.

3.7 **TOOLS**.



3.7.1 GRAPHS AND CHARTS.

Using this 'Graphs and Charts' Window contains Scrip wise Price / Volume chart is the intraday graphical representation of the performance of the particular financial instrument (Scrip). This window also contains a candlestick representation of the scrip describing upper cap, lower lock, average price, intraday high, intraday low and last trade price etc.



Field Name	Description
Graphs and Chart	
Market	Select ' Market' from this option, User can view Graphs and chart by Market filter.
Scrip	Select ' Scrip' from this option, User can view Graphs and chart by Scrip filter.
Price/ Volume Buy/ Sell	Select 'Price/ Volume, Buy/ Sell' from this option, User can view Graphs and chart by buy/sell wise and Price/volume wise.

3.7.2 INDEX GRAPHS.

Using this 'Index Graphs' window contain the index wise Index / Volume chart is the intraday graphical representation of the performance of the particular Index. This window also contains a candlestick representation of the index describing current index, intraday high, intraday low as well previous trading index. It also contains the details about number of advancers, decliners and unchanged financial instruments (Scrip).



Field Name	Description
Index Graphs	
Market	Select ' Market' from this option, User can view Graphs and chart by Market filter.
Index	Select ' Index' from this option, User can view Graphs and chart by Index filter.

3.7.3 SCRIP CANDLE CHART.

Using this 'Index Graphs' window contain the index wise Index / Volume chart is the intraday graphical representation of the performance of the particular Index. This window also contains a candlestick representation of the index describing current index, intraday high, intraday low as well previous trading index. It also contains the details about number of advancers, decliners and unchanged financial instruments (Scrip).

OHLC Candle with in time duration (5,10,30)



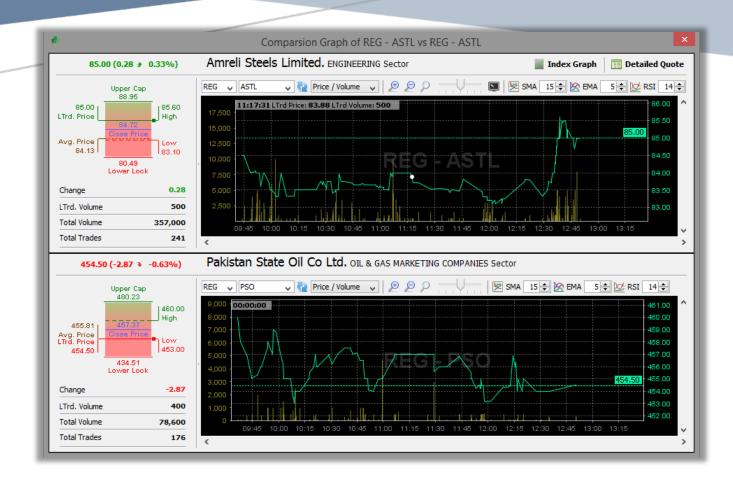
Field Name Description
Scrip Candle Chart

Market	Select 'Market' from this option, User can view Scrip Candle
	Chart by Market filter.

Scrip	Select ' Scrip' from this option, User can view Scrip Candle Chart by Scrip filter.
Minutes	Select ' Minutes' from this option, User can view Scrip Candle Chart by Minutes filter.

3.7.4 **COMPARSION GRAPH.**

Using this 'Comparison Graph' Window contains Comparison of Two Difference Scrip. This window Provide Comparison 'Price / Volume' and 'Buy / Sell' chart is the intraday graphical representation of the performance of the particular financial instrument (Scrip). This window also contains a candlestick representation of the scrip describing upper cap, lower lock, average price, intraday high, intraday low and last trade price etc.



Field Name	Description	
Comparison Gra	aph	
Market	Select ' Market ' from this option, User can view Comparison Graph by Market filter.	
Scrip	Select ' Scrip' from this option, User can view Comparison Graph by Scrip filter.	
Price/ Volume Buy/ Sell	Select ' Price/ Volume, Buy/ Sell' from this option, User can view Comparison Graph by buy/sell wise and Price/volume wise.	

3.7.5 SCRIP HISTORICAL CANDLE CHART.

Using this 'Scrip Historical Candle Chart' window contain the Scrip OHLC chart with Daily, Weekly and Monthly graphical representation. This window also provide 52 week candle with 52 week high volume, 52 week low volume, 52 week total volume, 52 week Avg volume and 52 week range.

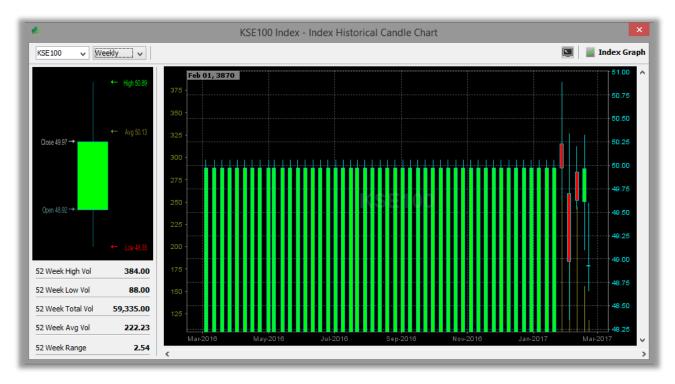


Field Name	Description
Scrip Historical	Candle Chart
Market	Select ' Market' from this option, User can view Scrip Historical Candle Chart by Market filter.
Scrip	Select ' Scrip' from this option, User can view Scrip Historical Candle Chart by Scrip filter.

Select 'Duration' from this option, User can view Scrip Historical **Duration** Candle Chart by Duration like Daily, Weekly and Monthly.

3.7.6 INDEX HISTORICAL CANDLE CHART.

Using this 'Index Historical Candle Chart' window contain the Index OHLC chart with Daily, Weekly and Monthly graphical representation. This window also provide 52 week candle with 52 week high volume, 52 week low volume, 52 week total volume, 52 week Avg volume and 52



week range.

Index Historical Candle Chart				
Market	Select 'Market' from this option, User can view Index Historical			
	Candle Chart by Market filter.			
Duration	Select ' Duration' from this option, User can view Index			
	Historical Candle Chart by Duration like Daily, Weekly and			
	Monthly.			

3.7.7 **RESOTRE DEFAULT LAYOUT.**

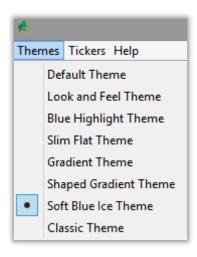
Using the 'Restore Default Layout' option, User can restores the default layout of Tradecast.

3.7.8 TRADECAST BROWSER.

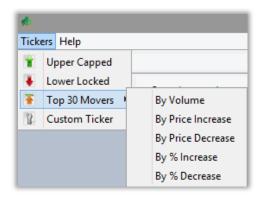
Using the 'TradeCast Brower' Window, User can Browser web pages inside the trading applications.

3.8 THEMES.

Through Themes option, one can set the desired theme of the entire application.

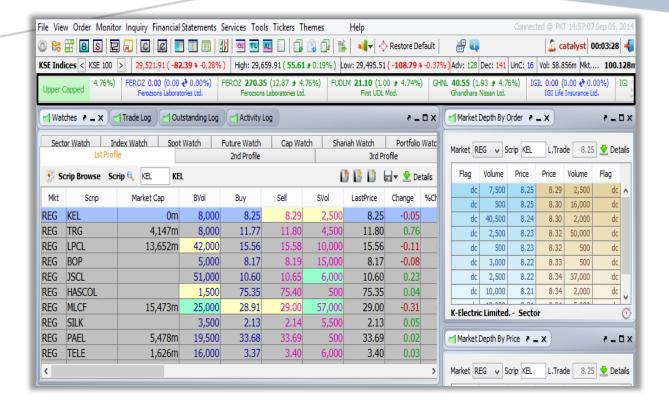


3.9 TICKERS.



3.9.1 **UPPER CAPPED.**

Using this 'Upper Capped' window Contain ticker includes symbols which are trading on upper cap.



3.9.2 **LOWER LOCKED.**

Using this 'Lower Locked' window Contain ticker includes symbols which are trading on Lower Locked.

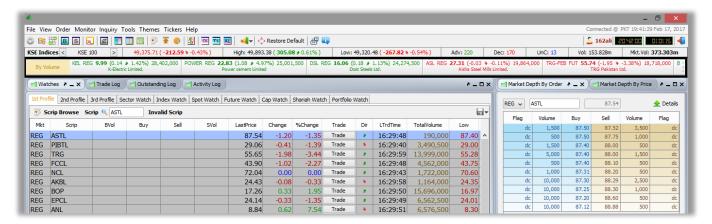


3.9.3 TOP 30 MOVERS.

This option will open same 'Top 30 Movers 'as in Monitor Menu window.

1. By Volume

Using this 'By Price Increase' window Contain ticker includes symbols which are trading on Max Volume.



2. By Price Increase

Using this 'By Price Increase' window Contain ticker includes symbols which are trading on Increase price.



3. By Price Decrease

Using this 'By Price Decrease' window Contain ticker includes symbols which are trading on Decrease price.



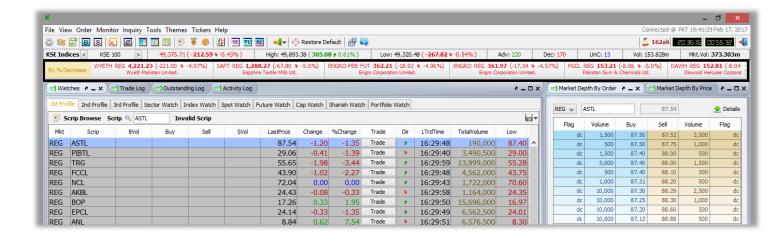
4. By % Increase

Using this 'By % Increase' window Contain ticker includes symbols which are trading on by % Increase.



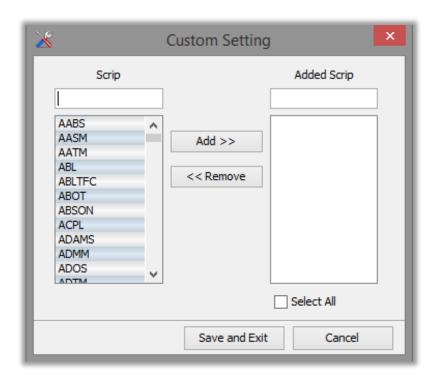
5. By % Decrease

Using this 'By % Decrease' window Contain ticker includes symbols which are trading on by % Decrease.



3.9.4 **CUSTOM TICKER.**

Using this 'Custom Ticker' Window can define specific symbols in Ticker through Custom Ticker option.



Field Name	Description
Custom Ticker	
Scrip	From this option Select or Type any ' Scrip ' to add scrip.

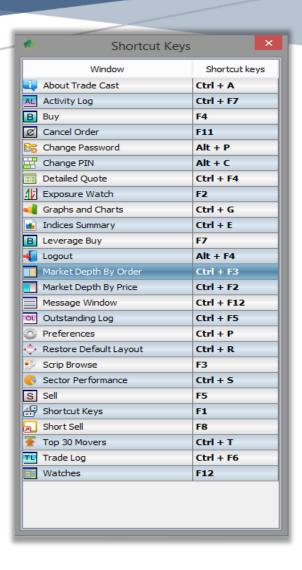
Added Scrip	From this option Select or Type any 'Added Scrip' to remove from the added scrip list.
Add	Click ' Add ' button to add scrip in scrip list for Customize tickers.
Remove	Click ' Remove ' button to remove scrip in added scrip list for Customize tickers.
Save and exit	Click ' Save and Exit ' button to save all changes and exit from custom ticker form.
Cancel	Click 'Cancel' button to cancel all changes.

3.10 HELP.



3.10.1 **SHORTCUT KEYS.**

Shortcut Keys option will let the user know all the shortcuts of the application.



3.10.2 TOOLS.



Field Name	Description				
Tools Sho	rtcut				
٥	Preferences	8	Change Password		Change Pin
В	Buy	S	Sell		Short Sell
Ø	Cancel Order		Market Depth By Price		Marker Depth by Order
	Detailed Quote		Scrip Browse	*	Top 30 Movers
•	Sector Performance	17	Exposure Watch	OL	Outstanding Log
P	Trade Log	AL	Activity Log	4	Graphs and Charts

Restore Default	Restore Default window		Shortcut Keys		About TradeCast
🔓 162ali	User ID	18:02:30 00:51:26	Current Time and logging time duration	4	Log Out

4. MOBILE TRADING APPLICATION...

CATALYST IT SOLUTIONS

MOBILE TRADING APPICATION

4.1 INTRODUCTION

Tick is mobile version of TradeCast client which is developed for android phones. Brokers can now be able to trade through their Smartphone with ease. The detailed information about the features of Tick is described below.

4.2 INSTALLATION PROCEDURE.

From your Smartphone, open Play Store / App Store and enter the Kits Mobile App in search bar. Download the app and run it.



5. GETTING STARTED...

CATALYST IT SOLUTIONS

GETTING STARTED...

This section will let you know about the login window.

5.1 LOGIN WINDOW.

Field Name	Description			
Login Window				
User Name	From this option Registered ' User Name ' type here.			
Password	From this option Registered user name's 'Password' type here.			
Login	Click Login . User Profile will be displayed, along with your Name on the screen.			
Forgot Password	Click ' Forgot password' if you do not remember your password.			



6. USING THE SYSTEM...

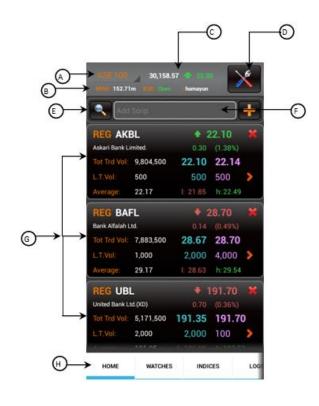
CATALYST IT SOLUTIONS

6.1USING THE SYSTEM.

6.1.1 MAIN WINDOW.

Using the 'Home' option, can view market watch, Indices, market status, Setting button, scrip searching and tab bar.

Field Name	Description			
Main Windo	Main Window			
Α	From this option select index to view.			
В	From this option shows market volume, market status and logged in user name.			
С	From this option show selected index current value.			
D	Click on this option open app setting window.			
E	Click on this option open Scrip Search window.			
F	Click on this option add scrip on your market watch.			
G	Shows market watch window.			
н	From this option select navigation tabs.			



6.1.2 SETTING.

Using the 'Setting' option, can change password, Change PIN, Create PIN and set Preferred Account.

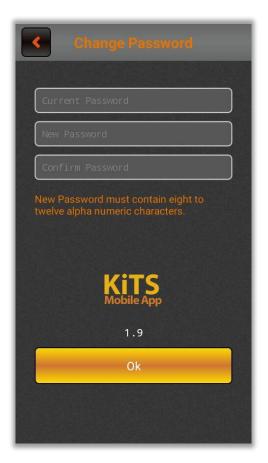
Field Name	Description
Setting	
Change Password	From this option select ' Change Password ' can open change password window for change your current password.
Change PIN	From this option select ' Change PIN ' can open change PIN window for change your current PIN.
Create PIN	From this option select ' Create PIN ' can open Create PIN window for Create PIN
Set Preferred Account	From this option select ' Set Preferred Account ' can open Set Preferred Account Window.
About this Application	From this option select 'About this Application' can open About this Application window.



1. CHANGE PASSWORD

Using the 'Change Password Window' option, Change your Registered User Password.

Field Name	Description			
Change Password				
Current Password	Enter the Current User Password.			
New Password	Enter ' New password ', new password must contain alpha numeric characters with the length of eight to twelve characters.			
Confirm Password	Enter new password again to confirm 'Change password', new password and confirm password also matched.			
ок	Click ' OK ' button to change your User password.			



2. Change PIN Window.

Using the 'Change PIN Window' option, you can change your registered user PIN, the length of new PIN must be four digits, Change PIN window option also provide forgot PIN Option,.

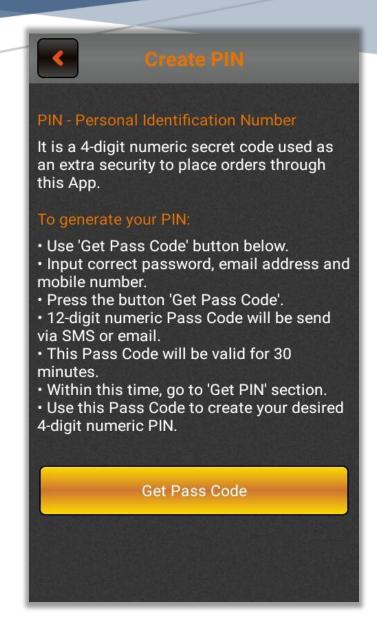
Field Name	Description
Change Pin	
Password	Enter the Current User Password.
Old pin	Enter old pin.
New Pin	Enter new PIN, new PIN must be four digits.
Confirm Pin	Enter Confirm PIN again to confirm change PIN, new PIN and confirm PIN should also matched.
ок	Click ' OK ' button to change your User PIN.



3. Create PIN Window.

> New User

Using the 'New User' window, you can view the instructions for creating the PIN. By clicking the button of 'Get Pass Code' you will proceed to 'Get Pass Code' window.



➢ Get Pass Code

Using the 'Get Pass Code' window, you can enter Password, registered Email and registered Mobile No then click on 'Send me my Pass Code 'button. From this form, Password, Email and Mobile No will be validated. After validation, a Pass Code will be received on registered Email and registered Mobile No.

After receiving Pass Code click on 'Already have Pass Code' option, it will proceed to 'Create PIN' window.

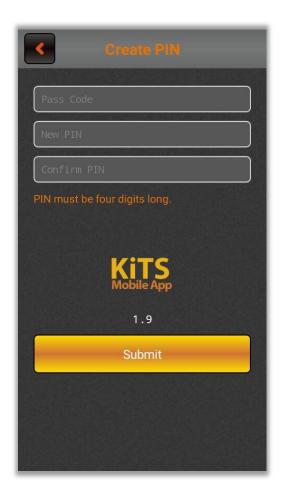
Field Name	Description
Get Pass Code	
User ID	From this option view current logged in user.
Password	From this option enter password for logged in user.
Email	From this option enter registered email for the current user.
Mobile number	From this option enter registered mobile number for the current user.
Get Pass Code	Click 'Get Pass Code' button to Generate auto pass code and send pass code on registered email.
Already Have Pass Code?	Click on 'Already have Pass Code?' option, it will proceed to 'Create PIN' window.



> Create PIN

Using the 'Create PIN' window, you can enter received Pass Code, New PIN and Confirm PIN. Confirm Pin and New Pin will be matched. After complete entries click on 'Submit' button to create PIN Code. 'Don't have Pass Code?' option will re-direct to 'Get Pass Code' Window.

Field Name	Description
Create Pin	
Pass Code	From this option enter Pass code that is received in email.
	code that is received in email.
New Pin	Enter new PIN, new PIN must
	be four digits.
Confirm Pin	Enter PIN again to confirm
	change PIN.
	New PIN and confirm PIN
	must also match.
Submit	Click 'Submit button to
	create new pin.

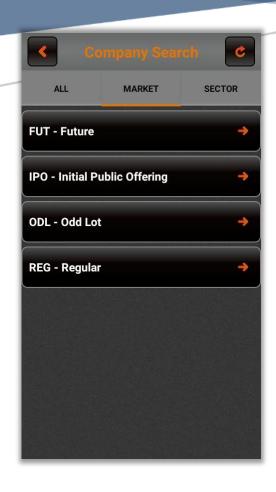


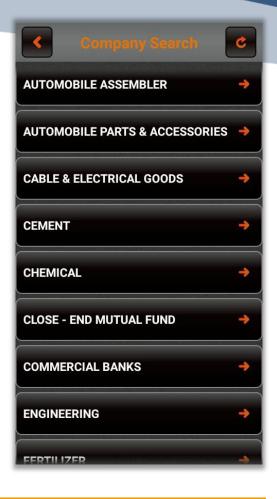
6.1.3 COMPANY SEARCH.

Using the 'Company Search' window, by clicking on search option, the following screen will appear. This window contains list of all companies along their symbols. You can search with respect to market or sector.

Field Name	Description	
Company Search (All)		
All	From this option can search all companies.	







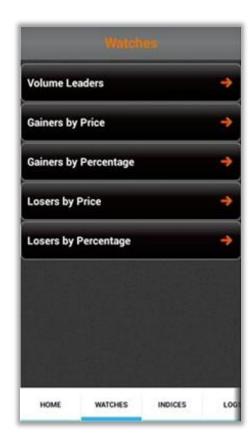
Field Name	Description
Company Search (Market)	
Market	From this option can search
	companies for selected
	market.

Field Name	Description
Company Search (Sector)	
Sector	From this option can search companies for selected sector.

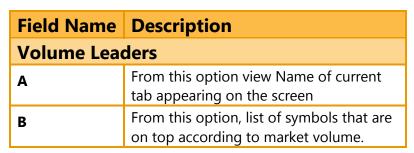
6.1.4 WATCHES.

Using the 'Watches' window, can view scrip volume Leaders, Gainers by Price, Gainers by Percentage, Loser by Price and Loser by Percentage.

Field Name	Description
Watches	
Volume Leaders	From this option select ' Volume Leader ' can open Volume Leader window for view scrip by volume leader.
Gainers by Price	From this option select ' Gainers by price ' can open Gainers by Price window for view scrip Gainers by price.
Gainers by Percentage	From this option select 'Gainers by Percentage' can open Gainers by Percentage window for view scrip Gainers by Percentage.
Loser by Price	From this option select 'Loser by price' can open Loser by Price window for view scrip Loser by price.
Loser by Percentage	From this option select 'Loser by Percentage' can open Loser by Percentage window for view scrip Loser by Percentage.



1. Volume Leaders.





2. Gainers by Price.

Field Name	Description
Gainers by Price	
A	From this option view Name of current tab appearing on the screen
В	From this option, list of symbols that are on top according to price.



3. Gainers by Percentage.

Field Name	Description
Gainers by Percentage	
A	From this option view Name of current tab appearing on the screen
В	From this option, list of symbols that are on top according to percentage.



4. Loser by Price.

Field Name	Description
Loser by Price	
A	From this option view Name of current tab appearing on the screen
В	From this option, list of symbols that are on Bottom according to price.



5. Loser by Percentage.

Field Name	Description
Loser by Percentage	
A	From this option view Name of current tab appearing on the screen
В	From this option, list of symbols that are on Bottom according to percentage.



6.1.5 INDICES.

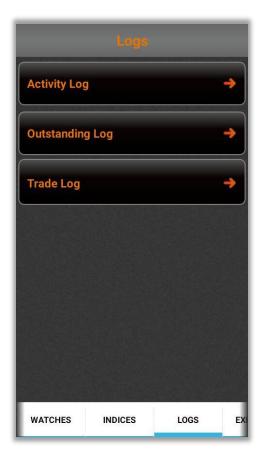
Using this 'Indices' window displays details of market position according to indices.



6.1.6 LOGS.

Using this 'Logs' window displays Activity Log, outstanding Log and trade logs of orders placed by the user.

Field Name	Description
Watches	
Activity Log	From this option select ' Activity Log ' can open Activity log window for view trader Activity.
Outstanding Log	From this option select 'Outstanding Log' can open outstanding log window for view orders which are placed in the market but not yet traded.
Trade Log	From this option select ' Trade Log ' can open trade log window for view orders which are executed in the market



1. Activity Log.

Using this 'Activity Log' Window contains the activity performed by Trader. Select Account, scrip name and Buy / Sell to search for the order.



2. Outstanding Log.

Using this 'Outstanding Log' Window All the orders that are placed in queue to be

traded are displayed in this log window. Select account, scrip name and Buy / Sell to search for the order.



3. Trade Log.

Using this 'Trade Log' Window All the orders that have been traded are displayed in this log window. Select account, scrip name and Buy / Sell to search for the order.



6.1.7 LOGOUT.

Using the 'Logout' option, the one can logout from the Kits Mobile App. If 'Yes' is pressed, then the user will logged out. If 'No' is pressed, the user will remain logged in.

