



Mobile Application

Simple step by step working model

**6-Shadman, Racecourse Road,
Lahore, Pakistan.**

Ph: +92-42-38302028

Web: <https://www.abbasiandcompany.com>

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About this Document

This document shows simple step by step process Mobile Application for capital market and its integration in Back connect application

Audience

Intended audience of this document is user of Mobile Trading Terminal

Related Documents

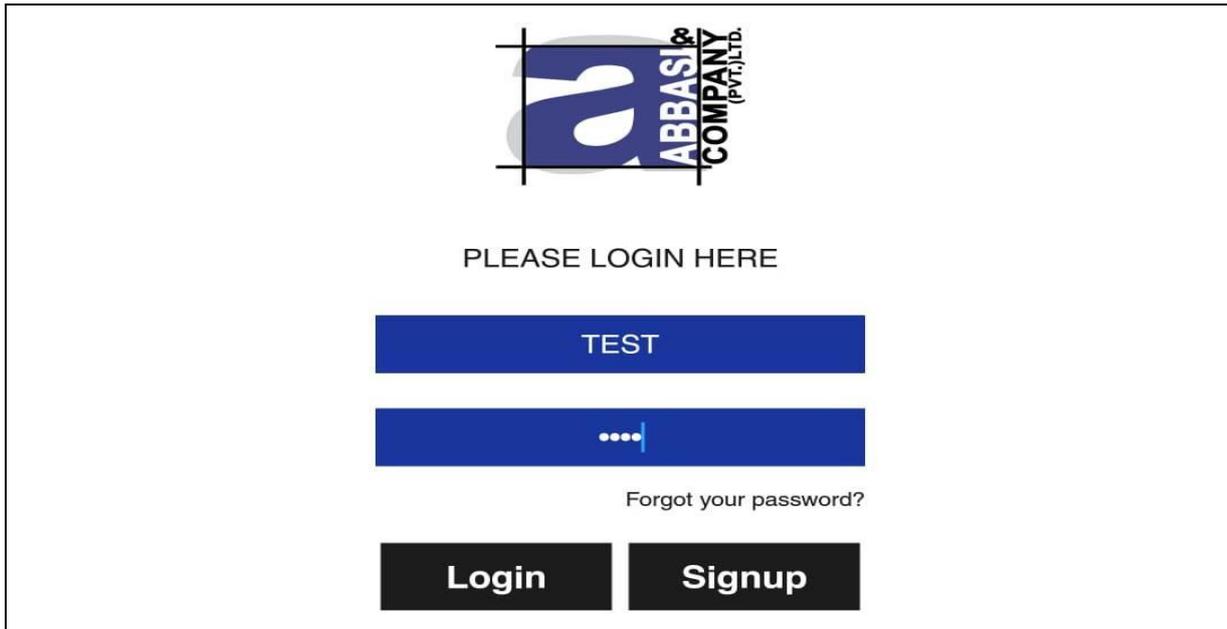
User must have prior strong understanding of trading system.

Conventions

CONVENTION / STYLE	Purpose
Bold	Name of application objects, e.g. menus, screens, buttons etc.

Screen Name: Login Screen

This is a login screen. User is required to enter Username and Password to login into the main screen. This user name and password provided by the administrator which relates to his trading account. The user has provided with the option to remember the password to avoid re-entering again and again.



Screen Explanation

Field	Function
User Name	Enter User name provided by the administrator
Password	Enter password
Remember ME	If check, application remember the password and avoid user for entering password again
Login	When pressed, application verify user name and password and logs the user
Clear	When pressed, clear the data and allow user to re-enter username and password
Register	New online account request launched by the user by filling registration form

Screen Name: Registration Screen

This screen is used to launch a new sign up request from the user by filling given appropriate fields. All fields appeared are of mandatory nature. Once filled and pressed submit, request will be sent to officials, which thereafter fulfilled in a given time.

Screen Explanation

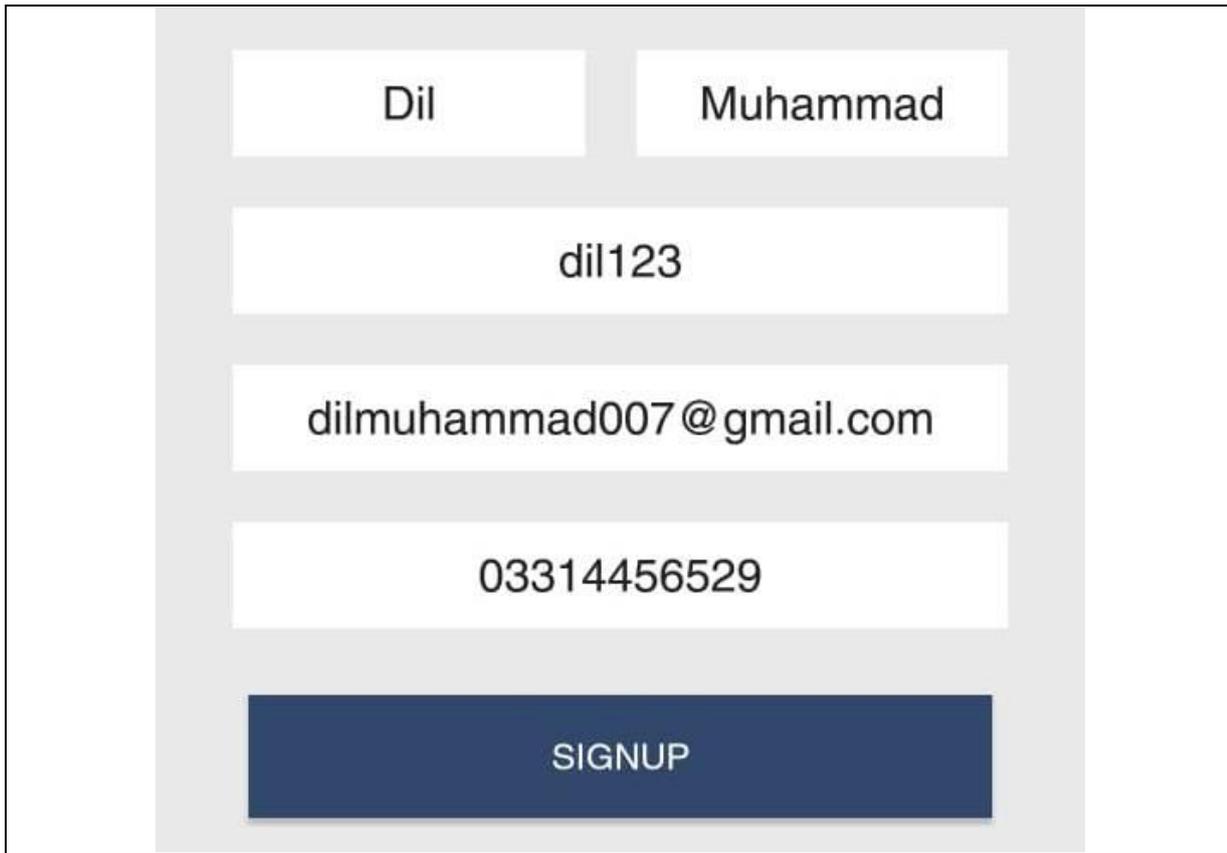
Field	Function
First Name	Enter the First Name
Last Name	Enter the Last Name
Phone	Enter Valid Phone Number.. Either Cell or Land Line no
Email	Enter Proper Email ID Example test@live.com
Gender	Select Gender.. Male or Female
Submit	When Pressed request will be entertained with the message appeared <i>Your signup request registered with our system, within couple of working days we will send you login detail.</i> <i>Thankyou</i>
Clear	When pressed clear all the fields

Note:

Request will be sent only once. Because checks are imposed on E-mail and Phone NO for Duplication request.

Screen Name: Duplication Request

User can send his/her online account only once. System has provided with the option to check duplication request by matching Email ID and Phone No. If duplicate request will be send the following message will be appeared as shown in the below screen.



The screenshot displays a registration form with the following fields and content:

- First Name: Dil
- Last Name: Muhammad
- Username: dil123
- Email: dilmuhammad007@gmail.com
- Phone Number: 03314456529
- Button: SIGNUP

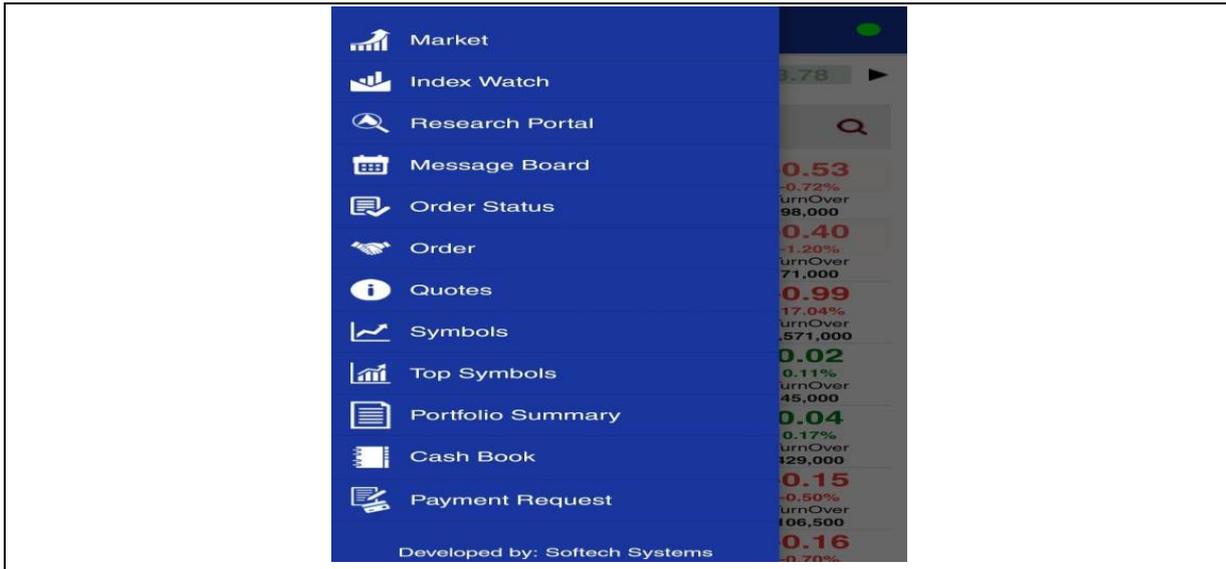
Screen Name: Default Market

This is first screen appeared when user once login to the application. Here is the list of securities displayed on the screen.

Market		
◀ KSE100	C.Ind: 37,336.25 Vol: 10,195,440	43.78 ▶
Search 		
DGKC REG D.G. KHAN CEMENT COMPANY	73.26 Bid: 73.25 x 500 Offer: 73.40 x 1,000	-0.53 -0.72% TurnOver 98,000
EPCL REG ENGRO POLYMER & CHEMICAL LTD	32.90 Bid: 32.82 x 500 Offer: 32.99 x 3,000	-0.40 -1.20% TurnOver 71,000
EPCLR1 REG LOR-ENGRO POLYM ER&CHEMICAL-	4.82 Bid: 0.00 x 0 Offer: 4.82 x 44,500	-0.99 -17.04% TurnOver 5,571,000
FCCL REG FAUJI CEMENT COMPANY LIM	17.74 Bid: 17.70 x 1,500 Offer: 17.75 x 1,500	0.09 0.51% TurnOver 42,500
FFL REG FAUJI FOOD LIMITED	23.80 Bid: 23.75 x 500 Offer: 23.80 x 2,000	0.14 0.59% TurnOver 425,500
MLCF REG MAPLE LEAF CEMENT FACTORY	29.66 Bid: 29.66 x 500 Offer: 29.75 x 2,500	-0.09 -0.30% TurnOver 98,500

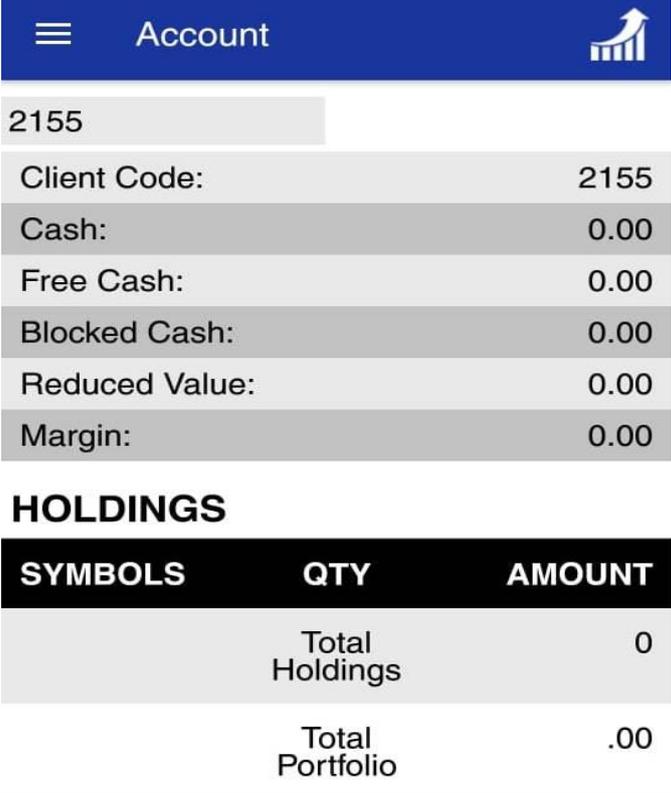
Screen Name: Trading System

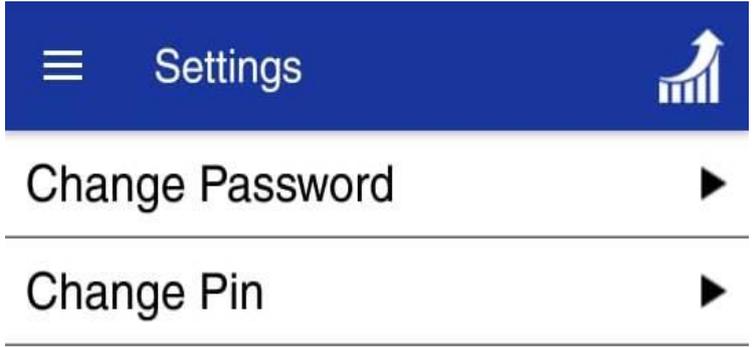
This screen is about trading system. User has provided with the different options like to view market, to search symbols, perform trade activity, view and confirm his account status and other etc...



Screen Explanation

Function
<p>Market [Menu Icon]</p> <p>When pressed, it opens</p>

<p>Quotes </p>	<p>This Option is used to check the position of any symbol. When pressed takes user to another screen. Enter the symbol, detail of the symbol will be displayed.</p> 
<p>Trade </p>	<p>This Option is check order list and trade list</p>
<p>Account </p>	<p>This is used view account and custody by the</p>  <p>option to the status holds user</p>
<p>Events </p>	<p>Event is a message board, any action performed will be displayed in the events</p>

	 <p>The screenshot shows a blue header bar with a hamburger menu icon on the left, the text "Message Board" in the center, and a bar chart icon on the right. Below the header, the text "Monday, April 22, 2019 at 09:51:43 am" is displayed, followed by a message in a white box with a shadow: "ACTTEST1 logged in successfully."</p>
<p>Settings </p>	<p>Setting Option consist of Change password and Pin code option</p>  <p>The screenshot shows a blue header bar with a hamburger menu icon on the left, the text "Settings" in the center, and a bar chart icon on the right. Below the header, there are two menu items: "Change Password" and "Change Pin", each with a right-pointing arrow icon.</p>
<p>Logout </p>	<p>When pressed, will logout the user from the terminal</p>

Screen Name: Search Symbol

This is a market screen. Here user can add or remove symbol as required. To Add symbol Enter the name of the symbol and press  s will add new symbol in your market watch. Similarly to delete symbol, point the cursor on the symbol, click and hold for a moment, delete box will appear on the user screen.



Screen Explanation

Field	Function
Securities	Enter the name of any security to search
	This is a Home button, when pressed will guide user to the Main Market Screen.
	This is a navigation button, when pressed will open trade system bar

Screen Name: Quotes

This screen is about to view complete detail of any symbol. User simply required to enter symbol name in the search

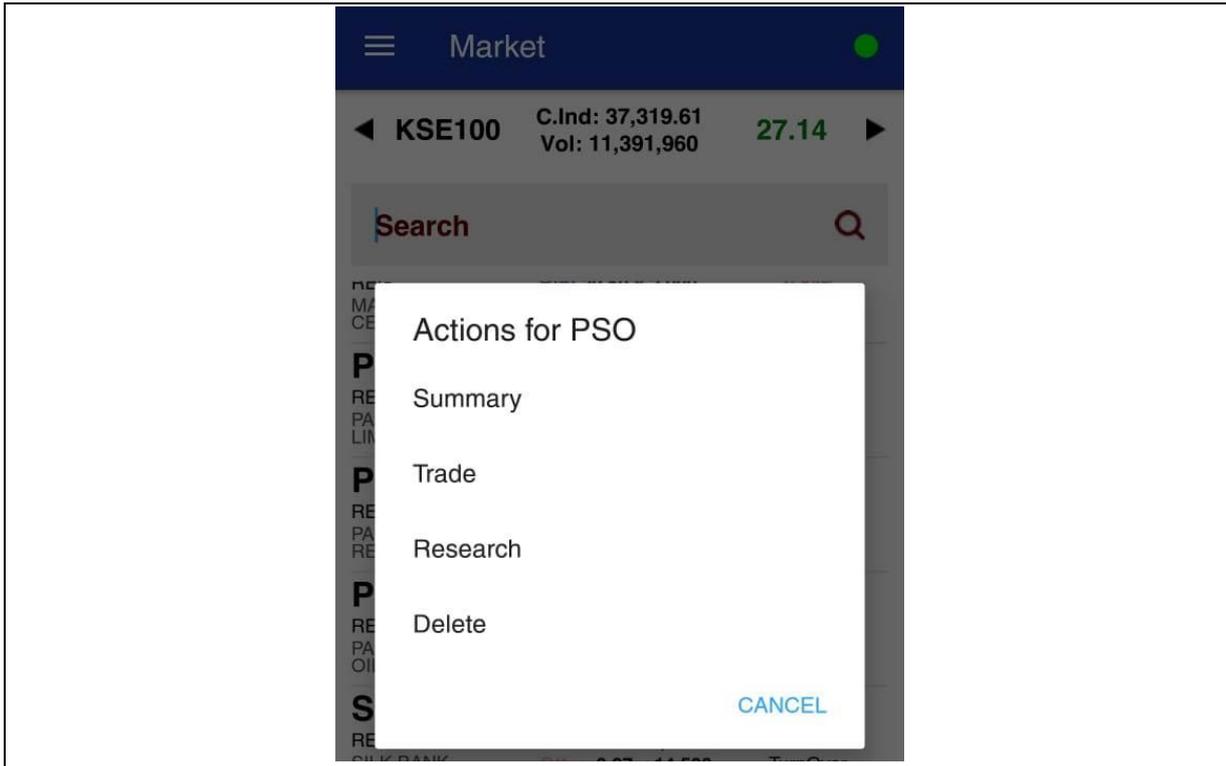


Screen Explanation

Field	Function
	When pressed, will take the user back to the market screen
	On this screen user is provided with the option to perform trade as well.

Screen Name: Trading Screen

This option is used to perform trader either buy or sell for a particular symbol. Click on any symbol, action screen will pop up contain different types of options. User allowed performing different type of actions against selected symbol.



Screen Explanation

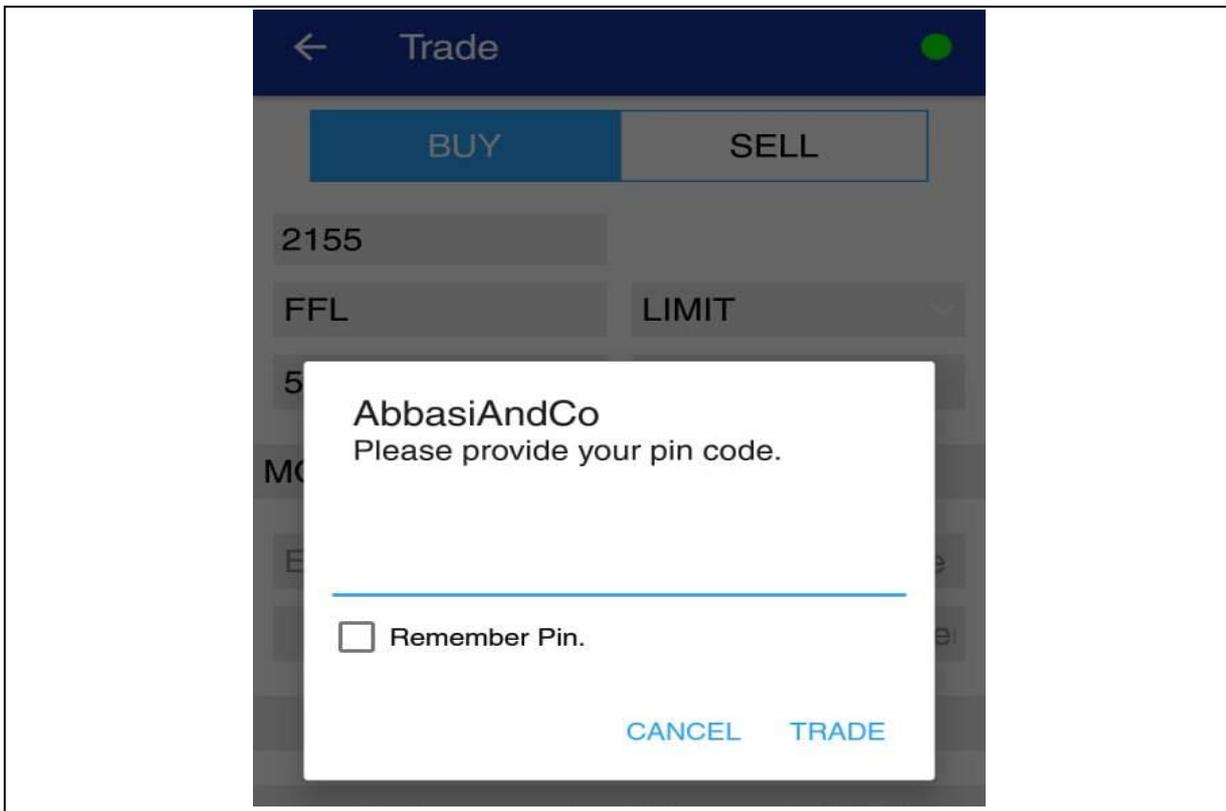
Field	Function
<p>Summary </p>	<p>When Pressed new screen will open and showing detail for the selected symbol. If user wanted to get detail for any symbol, than user require to type the symbol in the search option, summary detail for that symbol will displayed.</p>

<p>Trade </p>	<p>When Pressed will guide user to new screen for performing buy or sell</p> 
<p>Delete </p>	<p>When Pressed will delete the symbol from market watch</p>

Field	Function
	When Pressed will place buy order after verification of PIN code of the user
	When Pressed will place sell order rafter verification of PIN code of the user
	This option is available for short sell.
	Enter the volume of the share either to buy or sell
	Enter required symbol
	If User require to place a Limit order than this option will be used
	If user require to place a market order than this option will be used
	If Limit order place than user is require to enter Limit Price
	When pressed , system ask user to enter PIN code, after verification buy or sell order placed and executed

Screen Name: Pin Verification

This screen is about for verification of Pin Code. This will available once user place any buy, sell and cancel order. This PIN code is provided by the administrator at the time of generating user account. User has provided with the option to change his PIN code on a regular basis as a security measures



Screen Explanation

Field	Function
Pin : ●●●●	Enter Four Digit Pin Code provided by the admin
Review	When Pressed will pop up preview screen about your order, which contains the detail of your order
Confirm	When pressed, order place and notification also displayed on events area as well.

Screen Name: Order notification

This screen will show the orders and trade list of the user. This screen can be accessed in **trade system>>trade**. User also provided with the option to cancel all pending order and cancel any one of the items exists in the list. Simply press and hold if any pending order requires to be deleted.



Screen Explanation

Field	Function			
	<p>New Order Will allow user to place any new order and when pressed take user to the screen</p> <tr> <td>Limit 196.96-217.69</td> <td>Buy (Vol) 206.00(3,900)</td> <td>Sell (Vol) 206.90(100)</td> </tr>	Limit 196.96-217.69	Buy (Vol) 206.00(3,900)	Sell (Vol) 206.90(100)
Limit 196.96-217.69	Buy (Vol) 206.00(3,900)	Sell (Vol) 206.90(100)		

 At the bottom is a blue 'TRADE' button.

| | This will cancel all the pending orders of the user exist in the screen after verification of the screen. |

Screen Name: Cancel Order

This screen is used to cancel any order lying in a pending state. When submit the cancel order request order will be executed with the given message

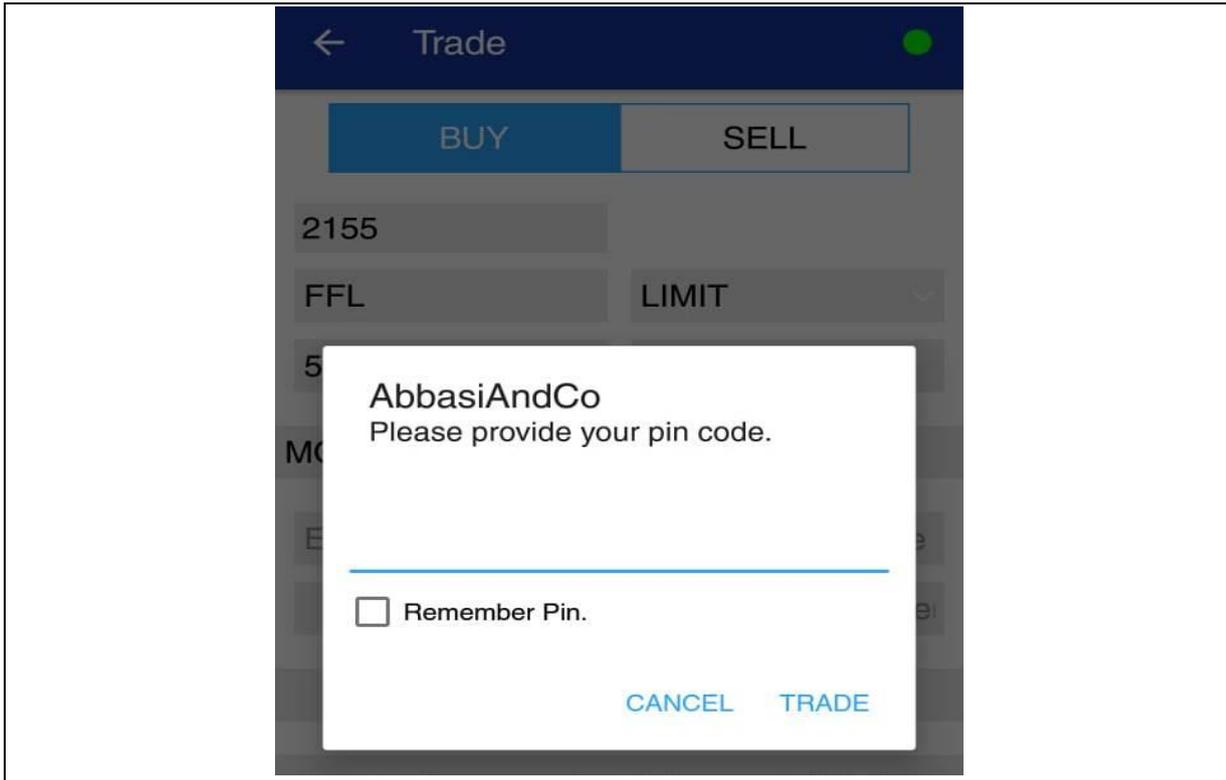


Screen Explanation

Field	Function
	New order will guide user to order placement screen
	Cancel all will cancel all pending orders lying in the Queue

Screen Name: Pin Verification for Cancel Order

This screen is to cancel order. Enter correct PIN code and press cancel will cancel the order. Only pending orders can be cancelled. Trade once done can be cancelled.



Screen Explanation

Field	Function
Pin : ●●●●	Enter Four Digit PIN code for verification
Back	When Pressed will take user to the Market Screen
Cancel	When pressed will cancel the order

Screen Name: Cancel Order Notification

Once order is cancelling it will be marked red and other valid pending order remain marked ingreen.



Screen Explanation

Field	Function
REG PSO 2013-04-15 00:00:00	Red marked will reflect that order is cancelled
REG OGDC 2013-04-15 00:00:00	And green marked will reflect that order in valid pending state.

Screen Name: Events

Events section display messages details as they occur. These events are part of transactional portion. Events related to Order Placement, invalid order placement, order cancellation, Order received and confirmation message, trade execution notification etc.



Screen Name: Client Account Information

This screen is about the current account position of a user. This reflects the total current cash availability for a user, block cash position, custody value and client margin. Below grid will display the custody holding of a client quantity wise and its value based on the current market price.

Account 		
2155		
Client Code:	2155	
Cash:	0.00	
Free Cash:	0.00	
Blocked Cash:	0.00	
Reduced Value:	0.00	
Margin:	0.00	
HOLDINGS		
SYMBOLS	QTY	AMOUNT
	Total Holdings	0
	Total Portfolio	.00

Screen Explanation

Field	Function
Cash:	Total cash position including blockage cash
Free Cash:	Cash position excluding blockage cash
Blocked Cash:	Blocked cash position
Holdings:	Total value of the holding
Margin:	Margin allowed to a user

Screen Name: Change Password

This screen is used to change password if required by the user.

Screen Explanation

Field	Function
<input type="text" value="Old Password"/>	Enter Old Password
<input type="text" value="New Password"/>	Enter new Password
<input type="text" value="Confirm"/>	Re-Enter new Password
<input type="button" value="Submit"/>	When Press, request will be processed
<input type="button" value="Clear"/>	Clear will clear the data and allow user to re-enter information

Screen Name: Change Pin Code

This error will notify f user submit either buy or sell request but prior no symbol was selected than “NO SYMBOL SELECTED FOR TRADE” message will appear.

Field	Function
Old Pin	Enter OLD PIN CODE
New Pin	Enter New PIN CODE
Confirm	Re-Enter new PIN CODE
Submit	When Press, request will be processed

Screen Name: Exchange

This option is available when marked checked to display index detail on top of the market watch screen. Once unchecked index will no longer displayed on the market watch screen. is available for selection of index.

Exchanges		
KMIALLSHR Last: 17,924.05 Val: 538,461,890	17,928.98 Low: 17,924.05 High: 18,017.58	4.93 0.03% TurnOver 9,740,820
KMI30 Last: 60,944.40 Val: 419,543,904	61,023.98 Low: 60,944.40 High: 61,339.17	79.58 0.13% TurnOver 7,066,200
BKTI Last: 13,734.71 Val: 23,757,368	13,742.09 Low: 13,734.01 High: 13,853.40	7.38 0.05% TurnOver 1,433,300
OGTI Last: 18,610.58 Val: 54,307,256	18,695.70 Low: 18,610.58 High: 18,787.84	85.12 0.46% TurnOver 340,900
KSE100 Last: 37,292.47 Val: 567,307,070	37,317.59 Low: 37,292.47 High: 37,479.27	25.12 0.07% TurnOver 11,489,760
ALLSHR Last: 27,229.21 Val: 602,517,380	27,242.09 Low: 27,229.21 High: 27,344.93	12.88 0.05% TurnOver 14,012,760
KSE30 Last: 17,739.37 Val: 409,737,376	17,744.54 Low: 17,739.37 High: 17,848.91	5.17 0.03% TurnOver 6,453,600
LSE-25 Last: 5,445.08 Val: 0	5,445.08 Low: 5,445.08 High: 5,445.08	0.00 0.00% TurnOver 0

Screen Name: Miss Matched Password Error

This error message notifies if user for change of password and any of the filled information is mismatched. Like If user enters correct Old Password and if new and confirm password mismatched than error message in red will displayed.

←
Change Password

.....

.....

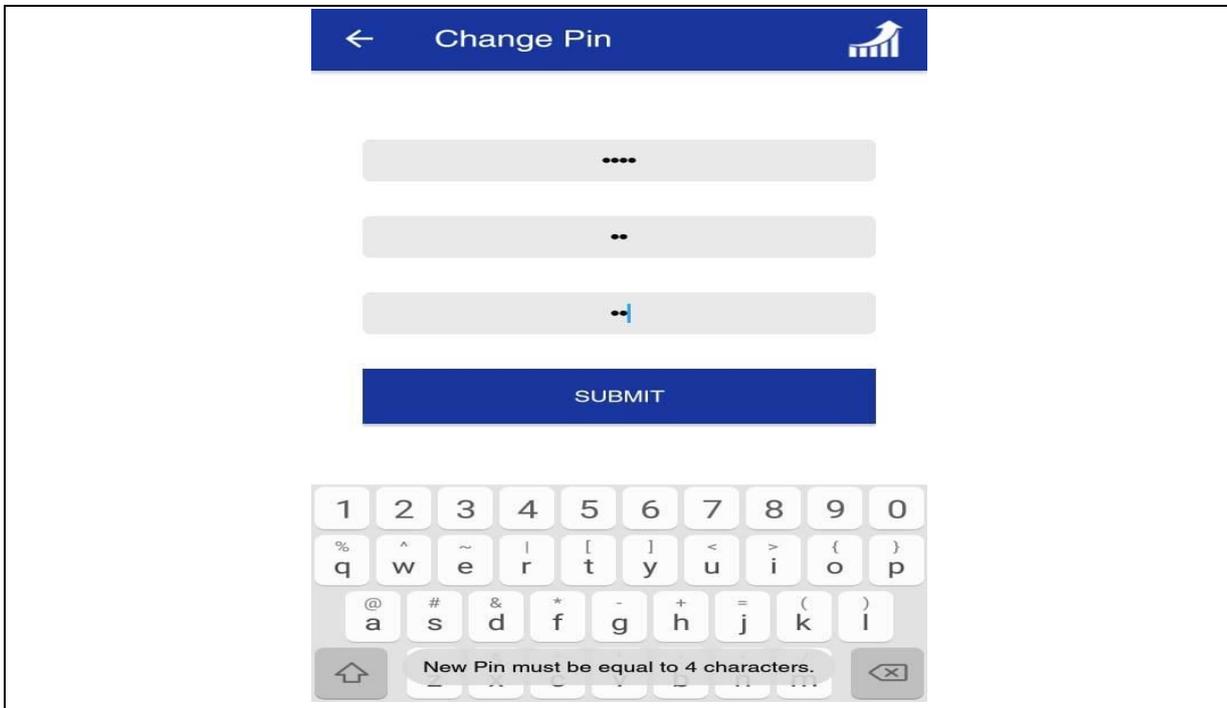
.....

SUBMIT

1	2	3	4	5	6	7	8	9	0
%	^	~		[]	<	>	{	}
q	w	e	r	t	y	u	i	o	p
@	#	&	*	-	+	=	()	
a	s	d	f	g	h	j	k	l	
New password must be equal to 8 characters.									
z	x	c	v	b	n	m			

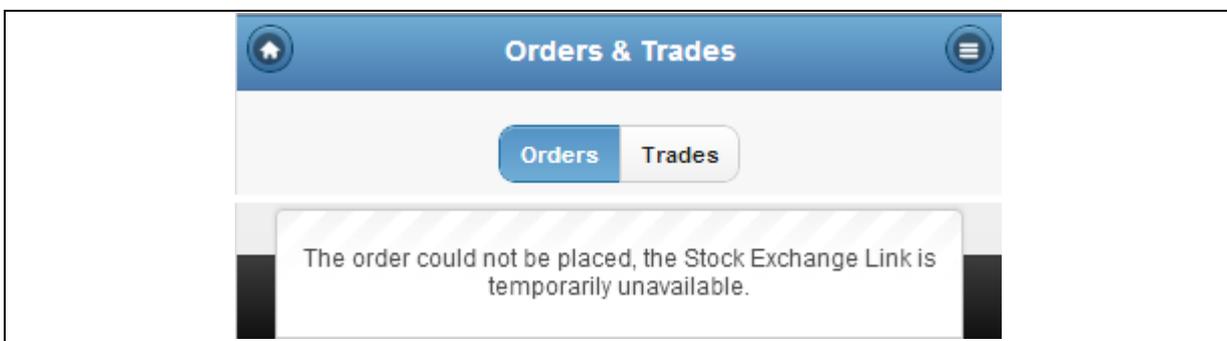
Screen Name: PIN CODE LENGTH ERROR

This error message notifies when user requested to change the PIN Code and enter PIN mismatched and less than the defined PIN CODE length. It is important for a user to enter Old PIN CODE, NEW PIN CODE and Confirm PIN Code must be same otherwise mismatched and take care of length as well.



Screen Name: Link Error

This error message notifies when trading link is unavailable. No order will be placed and notify with the given error message. Technical staff requires checking for availability of trading engine and all connections running smoothly.



Screen Name: Research Portal

This screen has included all kind of research material. It's contained annually, quarterly and half yearly analysis with quarterly financial reports and their respective capital detail. Moreover, you can get individually information of each company through put symbol in search.

