

**Versatile Engine for Centralised Trading and On-line
Reporting ~ Internet Trading System
(VECTOR ~ ITS)**

WEB ONLINE HELP MANUAL

CMC Limited

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1 INTRODUCTION

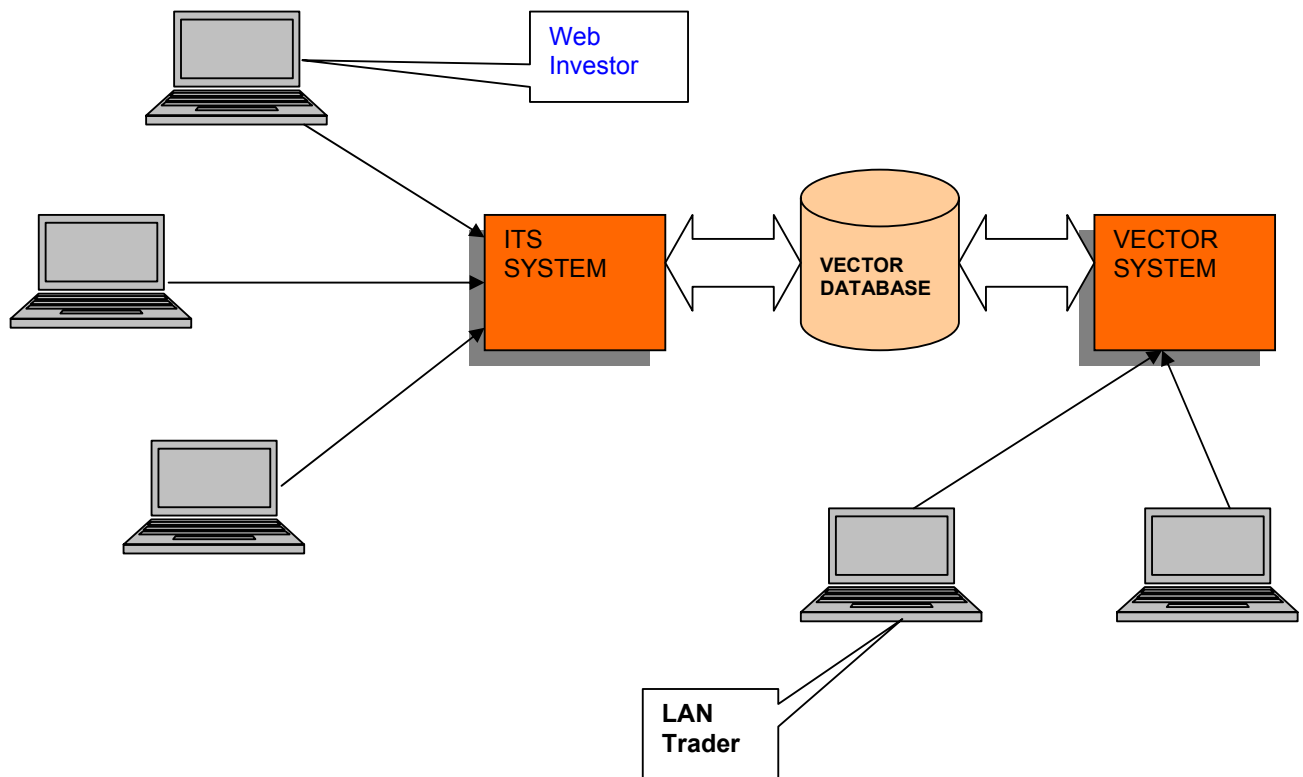
1.1 Application Overview

The Vector ITS system is the web-based environment for trading through internet. This system is using popular Internet based protocols. The ITS system depends upon the VECTOR system database to access all functionality dependent data. This database is effectively shared between the VECTOR and ITS systems.

The ITS system acts as the interface between the web-based investor and the VECTOR system. From a functionality point of view, the ITS system acts as a request converter / adapter.

1.2 Functional Scope of the System

The Vector ITS system acts as a web-based interface to the VECTOR system. The principal interface between ITS and VECTOR is the Database that is shared between the two systems. Transaction requests are placed by ITS into the database and their status is monitored. VECTOR operates upon these transactions and the results, when available, are utilised by ITS. It is also worth mentioning here that the VECTOR system supports another user interface - the proprietary BWS. The interface between these two systems is a TCP/IP based proprietary request/response protocol.



1.3 Target Audience

This document is targeted at the individuals who would be trading on the system, as well as individuals responsible for maintaining the system.

1.4 Customer Support

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1.5 Definitions and Acronyms

N.A.

2 Getting Started

2.1 Sign On Screen

The sign on screen is nothing but the home page of the ITS site.
To open the sign on screen enter the URL of the ITS site in the address field of the browser.

2.2 Main Screen

The main screen is an introductory page that provides links to resources on the site that provide login independent services. It also displays other application-wide information such as stock rates and exchange news. This page also embeds the login screen to the application.

2.3 Exiting the Application

The application can be exited simply by closing the browser. Although it is strongly advised that the user logs out from the application before closing the browser.

2.4 System Wide Features

Features of the system need no special mention, since the application is browser based and all operational features are as provided by the browser environment.

3 System Set-up

3.1 System Start up Parameters

N.A.

3.2 Master File Set-up

N.A

3.3 Business Rules

N.A

3.4 Print Set-up

Print set-up would be as applicable to the target browser environment.

4 Application Details

4.1 Home Page

4.1.1 Login And Password

Investor can enter in the ITS system by entering correct login and password in the fields provided in the home page.

4.1.1.1 Purpose

To allow the Investor for trading by entering correct login and password in the fields provided in the home page.

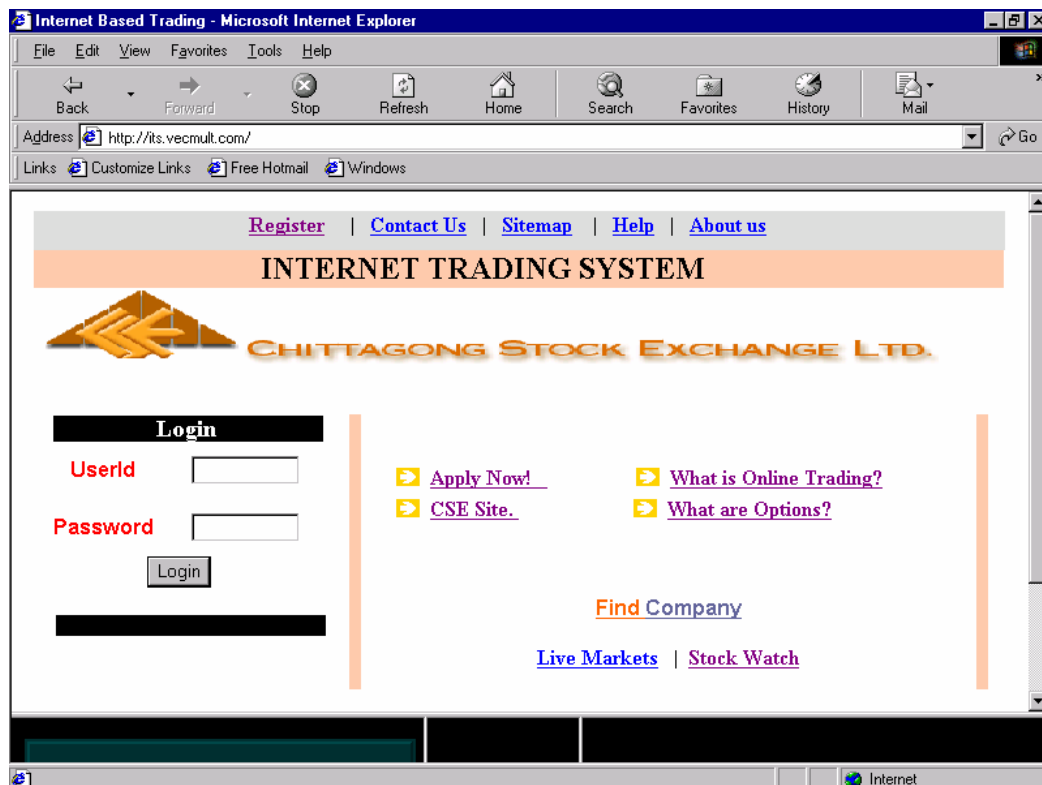
4.1.1.2 Link

URL of the site.

4.1.1.3 User Group

N/A

4.1.1.4 Form Layout



Login Screen

4.1.1.5 Activation Options

To open the Login screen enter the URL of the ITS site in the address field of the browser.

4.1.1.6 Form Description

On the Login Screen, two mandatory fields are present, Login Name and Password. If Investor enters correct Login Name and Password and click 'Login' Button, then the Investor is provided with Market picture screen to start his/her trading from the Internet.

4.1.2 User Registration

User Registration form provides the details to be filled by Investor for his/her new registration.

4.1.2.1 Purpose

To provide the details to be filled by Investor for his/her new registration. These details are sent to the respective Broker/Trader along with request for his/her new registration.

4.1.2.2 Link

User Registration.

4.1.2.3 User Group

N/A

4.1.2.4 Form Layout

The screenshot shows a web browser window with the address bar displaying 'http://192.168.69.250/'. The page title is 'User Registration'. At the top, there are links for 'Home', 'GetQuote', and 'BrokerSearch'. Below the title, a red note states: 'All the fields are compulsory except those marked as optional'. The form is divided into two sections: 'BROWSING DETAILS' and 'PERSONAL DETAILS'. In the 'BROWSING DETAILS' section, there are four fields: 'Login Name' with the value 'sample01' and a note '(maximum 8 characters)'; 'Browsing Password' with a masked value and a note '(must be 8 characters)'; 'Re-enter Browsing Password' with a masked value; and 'Legal Status' with a dropdown menu set to 'Individual' and a note 'in case of company fill the company details below'. A red note below this section states: 'The personal details are to be filled only if the legal status of the investor is NRB / Individual'. The 'PERSONAL DETAILS' section has three fields: 'First Name' with the value 'sd'; 'Middle Name (optional)'; and 'Last Name (optional)'. At the bottom of the browser window, there is a status bar with 'DJK 100.0' and 'Normal Tra'.

User Registration Form

http://192.168.69.250/ - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://192.168.69.250/ Go Links

[Home](#) | [GetQuote](#) | [BrokerSearch](#)

User Registration Details	
Login Name	sample01
Legal Status	Individual
First Name	sd
Gender	Male
Date of Birth	Mar 12 1989
Occupation	asd
Address1	diul yxz
Country	India
Pin Code	411005
Telephone No	090-2345677
Email Id	nitin@pun.cmc.net.in

Normal Trade

Done Internet

User Registration Details Form

Internet Based Trading - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://its.vecmult.com/ Go

Links [Customize Links](#) [Free Hotmail](#) [Windows](#)

Registration Successful ! Thank You

[Home](#) | [GetQuote](#) | [BrokerSearch](#)

[Disclaimer](#)

TISCO..102.0

Done Internet

Registration Confirmation Screen

4.1.2.5 Activation Options

To open the user registration form, click the link “Registration” or “Apply Now” on the home page.

4.1.2.6 Form Description

“User Registration Form” provides the details to be filled by Investor for his/her new registration request.

The User Registration screen is divided into six sections Browsing Details, Personal Details, Company Details, Communication Details, Broker Details, and Financial Details.

The Browsing Details Section contains the following fields Login Name, Browsing Password, Re-Enter Browsing Password & Legal Status.

The Personal Details contains the following mandatory fields First Name, Gender, Date of Birth and Occupation and two optional fields Middle Name and Last Name.

The Company Details section contains the following fields Company Name & Date of Registration.

The Communication Details Section contains the following mandatory fields Address1, Country, Pin Code, Telephone No & Email Id and two optional fields Mobile Phone No & Mobile Email Id.

The Broker Details Section consists of DpId, Bold and Broker Code/Sub-Broker Code.

The Financial Details section consist of Name of Bank, 9 Digit Bank Code, Bank Account No & Pan No

The Screen also provides a Register & Cancel Button.

After filling valid data in the above mentioned fields, click on “Register ” button, which displays the “User Registration Details” form.

It shows all the details filled in the “User Registration Form” for quick view before submitting it. If Investor observes that he/she has filled wrong data, he/she can modify that data by clicking the “Modify” button, which again displays “User Registration Form” to make changes. And if Investor find that he/she has filled all correct data, then click on “Submit” button to send his/her registration request.

If request is successfully sent, then “Registration Confirmation Screen” appears having message “Registration Successful! Thank you.”

4.2 View My Orders

4.2.1 Pending Orders

Investor can view his/her pending orders in Pending Order Screen.

4.2.1.1 Purpose

To see the pending orders.

4.2.1.2 Link

Pending Orders.

4.2.1.3 User Group

N/A

4.2.1.4 Form Layout

Broker Name : SIDDHARTH N. Date : Aug 6,2001
 Sub Broker Name : SID
 Client Name : Nitin Kore
 Client Code : NN

Pending Orders [Print Orders](#)

REFRESH

Scrip Code	Order ID	Order Ref. Id	Order Type	B/S	Total Qty	Pend Qty	Price	Duration	Operations
ACC	325	700057	Limit	B	100	100	101.0	GFD	Modify Delete
ACCTR	324	700056	Limit	B	100	100	101.0	GFD	Modify Delete
RIL	323	700055	Limit	B	100	100	101.0	GFD	Modify Delete
RIL	337	700058	Limit	B	100	100	101.0	GFD	Modify Delete

Pending Orders

Buy / Sell Stocks - Microsoft Internet Explorer

Order Entry

ScripName **ACC** OrderType **Limit** Buy/Sell **Buy**

Price Quantity Duration

MarketProtection No. of Days TransactionPassword

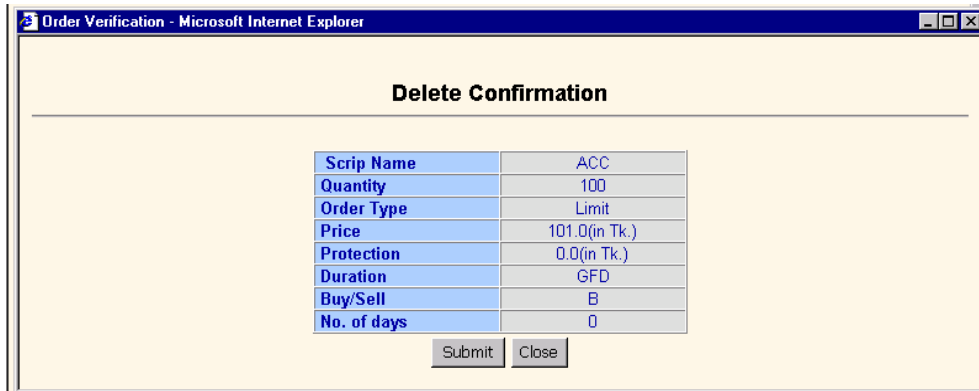
ModifyPendingOrder

Order Verification - Microsoft Internet Explorer

Modify Confirmation

Scrip Name	ACC
Quantity	200
Order Type	Limit
Price	101.0(in Tk.)
Protection	0.0(in Tk.)
Duration	GFD
Buy/Sell	Buy
No. of days	0

Modify Confirmation



Delete Confirmation

4.2.1.5 Menu Navigation

View My Orders -> Pending Orders.

4.2.1.6 Form Description

The Pending Orders window displays details of pending orders viz. Scrip Code, Order Id, Order Ref Id, Order Type, Buy/Sell, Total Quantity, Price, Duration and Operations. By clicking the "Refresh" button investor refreshes his/her "Pending order screen" for his/her recent pending orders. The Operations field provides links to Modify Order/Delete Order Pages.

The Modify Order Page displays the Scrip Cd, Order Type, Buy/Sell Flag (which are non-editable), and the following editable fields: Price, Protection, Quantity, No Of days, Duration and Transaction Password. Click on the Modify Link against any selected Order in the Pending Orders Page. The Order Entry Screen with the Modify Button is displayed. You can modify the order by changing Price, Quantity and Duration. To confirm your modification you have to click the 'Modify Order' Button. The 'Modify Confirmation' Page is displayed showing the details of modified order: Scrip Name, Quantity, Order Type, Price, Protection, Duration, Buy/Sell and No of Days. Clicking on the 'Submit' Button will display the message "Your Request has been put forward for processing. The Reference No of your Order is <Ref .No>".

Investor can delete his/her pending order by click on the Delete Link against any selected Order in the Pending Orders Page. The Deletion Order Confirmation Screen with the Submit Button is displayed. Click the 'Submit' Button to confirm your deletion of order. The message "Your Order has been put forward for processing. The Reference No of your Order is <Ref .No>" appears on the screen.

Investor can take printout of his/her pending order by click the link "Print Orders".

4.2.2 Rejected Orders

Investor can see his/her rejected orders though this screen.

4.2.2.1 Purpose

To see the rejected orders.

4.2.2.2 Link

Rejected Orders.

4.2.2.3 User Group

N/A

4.2.2.4 Form Layout

Broker Name : SIDDHARTH N.						Date : Aug 03, 2001
Sub Broker Name : SID						
Client Name : Nitin T Kore						
Client Code : NN						
Rejected Orders						Print Orders
ScripCd	Order Ref. ID	OrderType	B/S	TotalQty	Price	Reason
ACC	700050	Limit	B	100000000	101.0	Quantity Exceeds Ceiling Limit(50000)

Rejected Orders

Broker Name : SIDDHARTH N.						Date : Aug 06, 2001
Sub Broker Name : SID						
Client Name : Nitin Kore						
Client Code : NN						
Rejected Orders						
ScripCd	Order Ref. ID	OrderType	B/S	TotalQty	Price	Reason
RIL	700059	Limit	B	100000000	101.0	Quantity Exceeds Ceiling Limit(50000)
<input type="button" value="PRINT"/>						

PrintRejectedOrders

4.2.2.5 Menu Navigation

View My Orders -> Rejected Orders.

4.2.2.6 Form Description

If Quantity Exceeds Ceiling Limit then the orders are Rejected Orders. To see the rejected orders click on the Rejected Order link on the top/bottom of the current page. Rejected Orders window displays details of Rejected orders viz. Scrip Code, Order Ref Id, Order Type, Buy/Sell, Total Quantity, Price, Reason.

Investor can even take print out of rejected orders by using link "Print Orders" in the Rejected Order screen.

4.2.3 Returned Orders

Investor can see his/her return orders through this screen.

4.2.3.1 Purpose

To see return orders.

4.2.3.2 Link

Return Orders.

4.2.3.3 User Group

N/A

4.2.3.4 Form Layout

Broker Name : SIDDHARTH N.				Date : Aug 03, 2001			
Sub Broker Name : SID							
Client Name : Nitin T Kore							
Client Code : NN							
Returned Orders							Print Orders
ScripCd	RefNo	OrderType	B/S	TotalQty	PendingQty	Price	Reason
ACCTR	700052	Limit	B	100	100	101.0	Crossed Gross Limit
RIL	700051	Limit	B	100	100	101.0	Crossed Gross Limit

Returned Orders

4.2.3.5 Menu Navigation

View My Orders -> Returned Orders.

4.2.3.6 Form Description

If the Investor cross the gross limit, he/she will be suspended and the Pending Orders will become the returned orders. Returned Orders screen displays the returned orders of logged in Investor with details viz. Scrip Cd, Ref No, Order Type, Buy/Sell, Total Quantity, Pending Quantity, Price and Reason. Investor can take printout of these orders by click the link "Print Orders".

4.2.4 Offline Orders

Investor can view his/her offline orders in this screen.

4.2.4.1 Purpose

To see offline orders.

4.2.4.2 Link

Offline Orders.

4.2.4.3 User Group

N/A

4.2.4.4 Form Layout

Broker Name : SIDDHARTH N.							Date : Aug 10, 2001	
Sub Broker Name : SID								
Client Name : Nitin Kore								
Client Code : NN								
Offline Orders List								
ScripCd	RefNo	OrderType	B/S	Quantity	Price	Duration	Request For	Operate
RIL	7000072	Limit	Buy	100	101.0	GFD	Addition	Change Delete

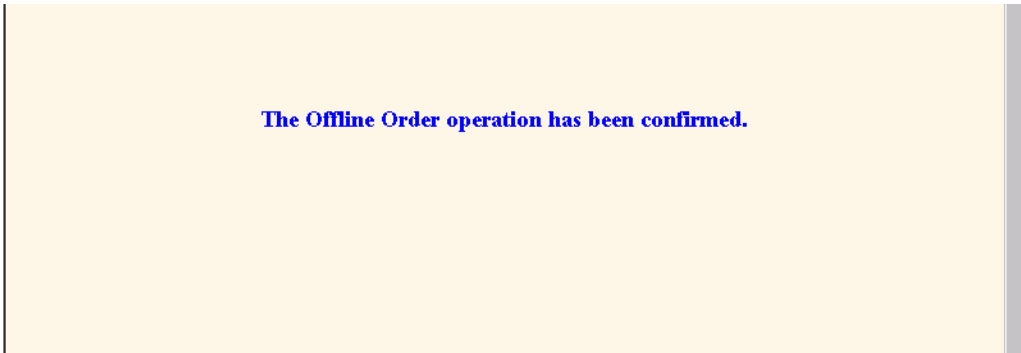
Offline Orders

Offline Order Modification					
Scrip Code	RIL	OrderType	Limit	Buy/Sell	BUY
Price	<input type="text" value="101.0"/>	Quantity	<input type="text" value="100"/>	Duration	<input type="text" value="GFD"/>
MarketProtection	0.00	No. of Days	<input type="text" value="0"/>	TransactionPassword	<input type="text"/>
		<input type="button" value="update"/> <input type="button" value="Clear"/>			

Offline Order Modification

Offline Order Deletion Verification	
Scrip Name	RIL
Quantity	200
Order Type	Limit
Price	101.0(in Tk.)
Protection	0(in Tk.)
Duration	GFD
Buy/Sell	BUY
No. of days	0
<input type="button" value="Delete"/> <input type="button" value="Back"/>	

Offline Order Deletion Verification



The Offline Order operation has been confirmed.

Operation Confirmation

4.2.4.5 Menu Navigation

View My Orders -> Offline Orders

4.2.4.6 Form Description

This screen shows the offline orders of the logged in investor. This window displays details of Offline orders viz...: ScripCd, RefNo, OrderType, B/S, Quantity, Price, Duration, Request For and Operate.

By click the “change ” link in the “Offline Order” screen, Investor can modify his/her offline order. In the “Offline Order Modification ” screen “Update ” button updates the offline order and displays the “Operation Confirmation” screen, while “Clear” button resets the changes by maintaining the previous values.

By click the “delete ” link in the “Offline Order” screen, Investor can delete his/her offline order, it opens the “Offline Order Deletion Verification” screen to ensure the investor that do he/she really wants to delete the same order? On click the “Delete ” button again “Operation Confirmation” screen displays, otherwise on click the “back” button it takes investor back to “Offline Orders” screen.

4.3 View My Trades

4.3.1 Trades

Through this screen Investor can see the trades belongs to him.

4.3.1.1 Purpose

To see the trades did by the investor.

4.3.1.2 Link

Trades.

4.3.1.3 User Group

N/A

4.3.1.4 Form Layout

Broker Name : SIDDHANATH MALVADKAR									
Sub-Broker Name : SIDDHANATH MALVADKAR									
Client Name : nitin									
Client Code : NIT									
List of Trades on Oct 17, 2001									
Scrip ID	Buy/Sell	Trade ID	Qty	Price	Trade Time	Order ID	Order Ref. ID	Order Time	
RIL	BUY	1	10	101.0	Oct 17 2001 11:13AM	1	1300036	Oct 17 2001 11:12AM	
RIL	SELL	1	10	101.0	Oct 17 2001 11:13AM	2	1300037	Oct 17 2001 11:13AM	
									Print Trades
Disclaimer									

Trades Screen

4.3.1.5 Menu Navigation

View My Trades -> My Trades.

4.3.1.6 Form Description

The Trades Screen displays Trades of Investor on that day. Fields displayed are Scrip Id, Buy/Sell, Trade Id, Quantity, Price, Trade Time, Order Id, Order Ref Id and Order Time. Investor can take printout of the trade's page by click on the link "Print Trades".

4.3.2 Mark To Market

4.3.2.1 Purpose

To display gain or loss according to present market situation.

4.3.2.2 Link

Mark To Market.

4.3.2.3 User Group

N/A

4.3.2.4 Form Layout

Broker Name : SIDDHANATH MALVADKAR							Date : Oct 23 2001 10:06AM		
Sub Broker Name : SIDDHANATH MALVADKAR									
Client Name : nitin									
Client Code : NIT									
Mark To Market Portfolio									
ScripCd	TotalBuyQty	AvgBuyPrice	TotalSellQty	AvgSellPrice	NetQty	MTMPrice	Gain/Loss	Date	
CMC	100	101.0	0	0.0	100	100.0	-100.0	Oct 23 2001 10:06AM	
							Print MTM		
Disclaimer									

Mark To Market

4.3.2.5 Menu Navigation

View My Trades -> Mark To Market.

4.3.2.6 Form Description

This screen shows the gain/loss of the investor according to present market situation. It is difference between MTM Exposure and the Net Trade exposure. Fields displayed are: ScripId, TotalBuyQty, AvgBuyPrice, TotalSellQty, AvgSellPrice, NetQty, MTMPrice, Gain/Loss and Date.

4.3.3 Settlement Dates

In this screen Investor can view his/her previous settlements till date.

4.3.3.1 Purpose

To see the previous settlements till date.

4.3.3.2 Link

Settlement Master.

4.3.3.3 User Group

N/A

4.3.3.4 Form Layout

List of Previous Settlements as on Oct 17, 2001									
SetNo	SetGrp	Start DateTime		End DateTime		PayIn DateTime		PayOut DateTime	
18	B	Oct 17 2001	12:00AM	Oct 17 2001	12:00AM	Oct 17 2001	12:00AM	Oct 17 2001	12:00AM
17	B	Oct 16 2001	12:00AM	Oct 16 2001	12:00AM	Oct 16 2001	12:00AM	Oct 16 2001	12:00AM
16	B	Oct 15 2001	10:03AM	Oct 15 2001	10:07AM	Oct 15 2001	10:12AM	Oct 15 2001	10:12AM
1	M	Oct 13 2001	12:00AM	Oct 13 2001	12:00AM	Oct 13 2001	12:00AM	Oct 13 2001	12:00AM
15	B	Oct 8 2001	2:37PM	Oct 13 2001	2:37PM	Oct 15 2001	2:37PM	Oct 17 2001	2:37PM
14	B	Oct 3 2001	10:34AM	Oct 6 2001	10:34AM	Oct 8 2001	10:34AM	Oct 8 2001	10:34AM
13	B	Sep 24 2001	9:56AM	Sep 29 2001	9:56AM	Oct 1 2001	9:56AM	Oct 3 2001	9:56AM
12	B	Sep 20 2001	3:25PM	Sep 23 2001	3:25PM	Sep 25 2001	3:25PM	Sep 27 2001	3:25PM
11	B	Sep 10 2001	10:08AM	Sep 15 2001	10:08AM	Sep 17 2001	10:08AM	Sep 19 2001	10:08AM
3	A	Sep 5 2001	12:00AM	Sep 10 2001	12:00AM	Sep 11 2001	12:00AM	Sep 12 2001	12:00AM
10	B	Sep 2 2001	12:00AM	Sep 10 2001	12:00AM	Sep 11 2001	12:00AM	Sep 12 2001	12:00AM
2	A	Aug 29 2001	12:00AM	Sep 4 2001	12:00AM	Sep 6 2001	12:00AM	Sep 7 2001	12:00AM
2	1	Aug 28 2001	12:00AM	Aug 28 2001	12:00AM	Aug 29 2001	12:00AM	Aug 30 2001	12:00AM
1	A	Aug 27 2001	12:00AM	Aug 28 2001	12:00AM	Aug 29 2001	12:00AM	Aug 30 2001	12:00AM
9	B	Aug 20 2001	9:11AM	Aug 25 2001	9:11AM	Aug 27 2001	9:11AM	Aug 29 2001	9:11AM

Settlement Master

4.3.3.5 Menu Navigation

View My Trades -> Settlement Dates.

4.3.3.6 Form Description

The Settlement Master Page displays List of Previous Settlements till date with the following fields: Settlement No, Settlement Group, Start Date Time, End Date Time, Pay In Date Time, Pay Out Date Time.

4.4 View My Profile

4.4.1 View Limits

Investor can see his/her limits for trading through this screen.

4.4.1.1 Purpose

To see investor's limits for trading.

4.4.1.2 Link

View Limits.

4.4.1.3 User Group

N/A

4.4.1.4 Form Layout

The screenshot shows a web application interface. At the top, there is a navigation menu with links: View My Orders, View My Trades, View My Profile, Market Picture, New Order Entry, Trading Home, and Log Out. A dropdown menu is open under 'View My Profile', showing options: ViewLimits, Scrip Profile, My Profile, and ChangePassword. Below the menu, the user's details are listed: Broker Name : SANJIVANI PANSE, SubBroker Name : SANJIVANI PANSE, Client Name : Nazi, and Client Code : NAZI. The date is shown as Oct 17, 2001. The main heading is 'Investor Limits'. Below this is a table with four columns: Gross Limit, Gross Exposure, Net Limit, and Net Exposure. The values are: Gross Limit (10000.00), Gross Exposure (0.00), Net Limit (100000.00), and Net Exposure (0.00). At the bottom, it says 'My Index Value : 0'.

Gross Limit	Gross Exposure	Net Limit	Net Exposure
10000.00	0.00	100000.00	0.00

View Limits

4.4.1.5 Menu Navigation

View My Profile -> View Limits.

4.4.1.6 Form Description

This screen is used to see limits of logged in Investor set by his/her Broker/Trader. Following details are shown in the screen: Gross Limit, Gross Exposure, Net Limit and Net Exposure.

4.4.2 Scrip Profile

Investor can profile the maximum of 15 scrips for market picture through this screen.

4.4.2.1 Purpose

To profile the scrips for the Market Picture screen.

4.4.2.2 Link

Scrip Profile.

4.4.2.3 User Group

N/A

4.4.2.4 Form Layout

Broker Name : SIDDHARTH N.
Sub Broker Name : SID
Client Name : Nitin Kore
Client Code : NN

Scrip Profile

ScripCd
acc GetScrips

Max 15 scrips are allowed per user

	Scrip	MktLot	GroupCd
<input type="checkbox"/>	RIL	1	B
<input type="checkbox"/>	Select All Scrips		

Delete

Scrip Profile

Add Scrip to Profile

	Scrip	MktLot	GroupCd
<input checked="" type="checkbox"/>	ACC	10	B
<input checked="" type="checkbox"/>	ACCTR	100	B
<input type="checkbox"/>	ACCFI	100	B
<input type="checkbox"/>	Select All Scrips		

AddScrips

Add Scrip to Profile

4.4.2.5 Menu Navigation

View My Profile -> Scrip Profile.

4.5.2.6 Form Description

The Market Picture Screen can be profiled to display details of maximum 15 scrips of the Investor's choice. The Scrip Profile screen allows investors to add new scrips or delete existing scrips from the profiled list.

For adding new scrips, a search facility is provided in the Scrip Profile window. To select scrips for profiling Investor has to enter initial letters of the scrip in the Scrip Code field and click 'Get Scrips' Button. The 'Add Scrips to Profile' page is displayed with list of all Scrips matching the initial letters. The market Lot and Group Code of the selected Scrips are also displayed. If there are no scrips matching the search pattern, the message "There are no scrips matching your search criteria" appears on the screen. Select the Checkboxes against the required scrips. Click on the 'Add Scrips' Button. The 'Scrip Profile' page is displayed with the selected Scrip added to the List. The added scrip details are also displayed in the 'Market Picture' Page.

The Scrip Profile screen allows investors to delete scrips from the profiled list. On the Scrip Profile Page, check the scrips to be deleted from the profile and click 'Delete' Button. The Scrip Profile page is re-displayed with the scrips deleted from the list.

4.4.3 My Profile

Investor can see and modify his/her profile through this screen.

4.4.3.1 Purpose

To see and modify the profile of the logged in investor.

4.4.3.2 Link

My Profile.

4.4.3.3 User Group

N/A

4.4.3.4 Form Layout

Broker Code	SID	Trader Code	SID
Client Code	NN		
Broker Name	SIDDHARTH N.	Trader Name	SID
Name			Nitin T Kore
E-Mail ID			nitin@pun.cmc.net.in
Mobile E-Mail ID			nitin@pun.cmc.net.in
I would like Trade/Message Notifications by E-Mail			YES

Change My Profile

Your Profile

Modifying your current profile...

Broker Code SID **Trader Code** SID

Client Code NN

Broker Name SIDDHARTH N. **Trader Name** SID

Name

E-Mail ID

Mobile E-Mail ID

I would like Trade/Message Notifications by E-Mail **Yes** **No**

Modify Your Profile

4.4.3.5 Menu Navigation

View My Profile -> My Profile.

4.4.3.6 Form Description

Investor can get his/her profile from the 'Your Profile' screen. The screen displays the following details of the Investor – Broker Code, Trader Code, Client Code, Broker name, Trader Name, Name, E-mail Id, Mobile E-mail Id, the message "I would like Trade/Message Notifications by E-Mail Yes/No (whichever you selected)" and the button "Change My Profile".

Investor can update his/her "Name, E-mail Id, Mobile Email Id and the option of getting "Trade/Message Notifications by E-Mail" by click the "ChangeMyProfile" button. It displays the screen with the message "Modifying your current profile..." The fields Name, E-mail Id, Mobile E-mail Id become editable and there is an option of getting Trade/Message Notifications by E-Mail, you can change the required information. There are also two buttons "UpdateMyProfile" and "Reset form" at the bottom of the page. If you click the "Reset Form" button, previous settings remain as they were. If you want to update your changes click the "UpdateMyProfile" button. Again "Your Profile" screen will display with the modified information.

4.4.4 Change Password

Investor can change his/her login and transaction password through this screen.

4.4.4.1 Purpose

To change the login and transaction password of the logged in investor.

4.4.4.2 Link

Order Entry.

4.4.4.3 User Group

N/A

4.4.4.4 Form Layout

CHANGE PASSWORD

Login Password Transaction Password

Current Password *****

New Password *****

Re-enter New Password *****

Change Password Clear

Change Password

Your password has been changed.

Please relogin for the change to take effect.

[Logout](#)

Change Password Confirmation

4.4.4.5 Menu Navigation

View My Profile -> Change Password.

4.4.4.6 Form Description

Investor can change his/her login and transaction password through this screen .The Change Password Page provides an Option Button to select between Browsing Password and Transaction Password, Current Password field, New Password field and Re-Enter New Password fields. Enter correct Current Password, enter new password in both the New Password and Re-Enter New Password fields. Click on 'Change Password'. New screen will display with message “ Your password has been changed”. For incorrect Old Password and New Password the message “Invalid Password Entered” and “Your Password did not match” will display respectively.

4.5 Market Picture

4.5.1 Market Picture

This screen shows the Best Buy and Sell prices of the scrips profiled by the Investor along with other scrip details.

4.5.1.1 Purpose

To see the Best Buy and Sell prices of the scrips profiled by the Investor along with following scrip details: - Scrip Code, Scrip Id, BBO details (Buy Quantity, Buy Price, Sell Quantity, Sell Price), Open Price, Close Price, Last Trade Price, High, Low and Place Order.

4.5.1.2 Link

Market Picture

4.5.1.3 User Group

N/A

4.2.1.4 Form Layout

The screenshot shows a web browser window titled "Internet Based Trading - Microsoft Internet Explorer". The address bar shows "http://its.vecmult.com/". The page content includes a navigation menu with links like "View My Orders", "View My Trades", "View My Profile", "Market Picture", "New Order Entry", "Trading Home", and "Log Out". Below the menu, user information is displayed: "Broker Name : SIDDHANATH MALVADKAR", "Sub Broker Name : SIDDHANATH MALVADKAR", "Client Name : nitin", and "Client Code : NIT". A status message indicates "Nitin last logged in at Oct 16 2001 2:00PM Status Active".

The main section is titled "Market Picture" and contains a table with the following data:

ScripCd	ScripId	Best Bid / Offer				Open	Close	Last Trade Price	High	Low	PlaceOrder
		Buy Qty	Buy Price	Sell Qty	Sell Price						
CMC	13013	0	0.0	0	0.0	100.0	100.0	100.0	100.0	100.0	PlaceOrder
RIL	325	0	0.0	0	0.0	100.0	100.0	100.0	100.0	100.0	PlaceOrder

At the bottom of the page, there is a "Disclaimer" link and a status bar showing "RIL..100.0 TISCO..102.0". The browser's status bar at the very bottom shows the URL "http://192.168.63.7/MarketPicture?action=MarketPicture" and the "Internet" icon.

Market Picture

4.5.1.5 Menu Navigation

Market Picture-> Market Picture.

4.5.1.6 Form Description

Market Picture screen shows the Best Buy and Sell prices of the scrips profiled by the Investor along with following scrip details: - Scrip Code, Scrip Id, BBO details (Buy Quantity, Buy Price, Sell Quantity, Sell Price), Open Price, Close Price, Last Trade Price, High, Low and Place Order.

Investor can also see the details of specific scrip by clicking the "ScripCd" link in the Market Picture table, in which he/she can see the best five rates for that scrip and the following details: Open Price, Scrip High, Scrip Low, Last Trade Price, Last Trade Qty, Weighted Average, Trade Volume, Trade Value, Total No Of Trades.

To see the recent details Investor must click the Refresh button. Investor can place order for particular scrip in Market Picture by click the link "Place Order", which will open "Order Entry" screen for that scrip. We will discuss "Order Entry" screen in next topics.

4.5.2 Scrip Graph:

This screen shows performance graph of the selected scrip.

4.5.2.1 Purpose

To see performance graph of the selected scrip. Investor can see today's, of particular day or monthly performance graph.

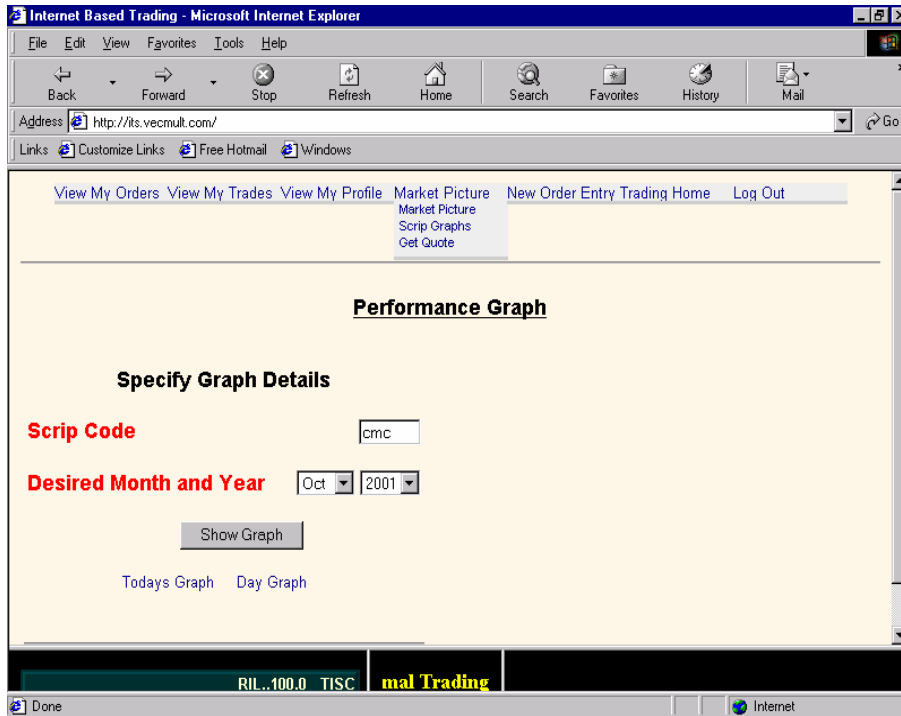
4.5.2.2 Link

Scrip Graphs.

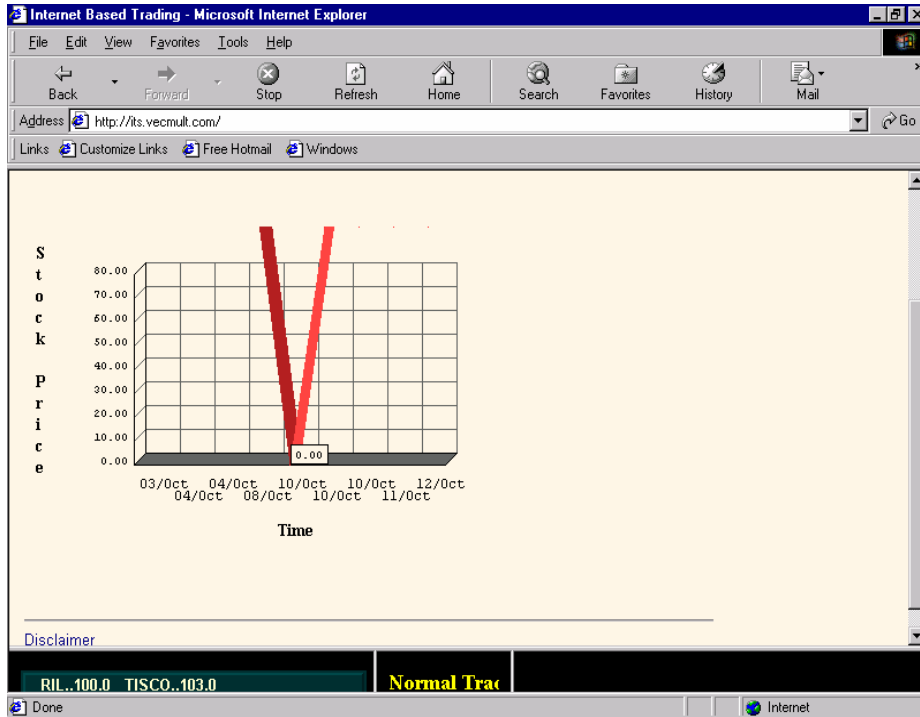
4.5.2.3 User Group

N/A

4.5.2.4 Form Layout



Select Scrip for Scrip Graph



Scrip Graph of Selected Scrip

4.5.2.5 Menu Navigation

Market Picture-> Scrip Graphs.

4.5.2.6 Form Description

Scrip Graph screen shows the performance graph of the selected scrip.

To see the performance graph of the selected scrip, a search facility is provided in the "Select the Scrip for Graph" window. To select the scrip, Investor has to enter Scrip Code in the Scrip Code field.

For Today's performance graph Scrip code is the only search criteria.

For Day's performance graph Investor has to provide Particular date along with Scrip code.

And for Monthly performance graph Investor has to provide Particular month along with Scrip code.

Finally click 'Show Graph' Button. The 'Scrip Graph of Selected Scrip' page is displayed showing performance graph of the selected scrip. If there are no scrips matching the search pattern, the message "No data was present for the scrip (Scrip Name)" appears on the screen.

Thus Investor can see the Today's, Day's or Monthly performance graph by click on the particular link on the "Select the Scrip for Graph" window.

4.5.3 Get Quote

Investor can get the scrip details through this screen.

4.5.3.1 Purpose

To get the scrip details.

4.5.3.2 Link

Get Quote.

4.5.3.3 User Group

N/A

4.5.3.4 Form Layout

Select a letter to view the corresponding scrips OR Enter the scrip code in the text box and click on GetQuote

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

ac

GetQuote

CLOSE

DISCLAIMER

Get Quote

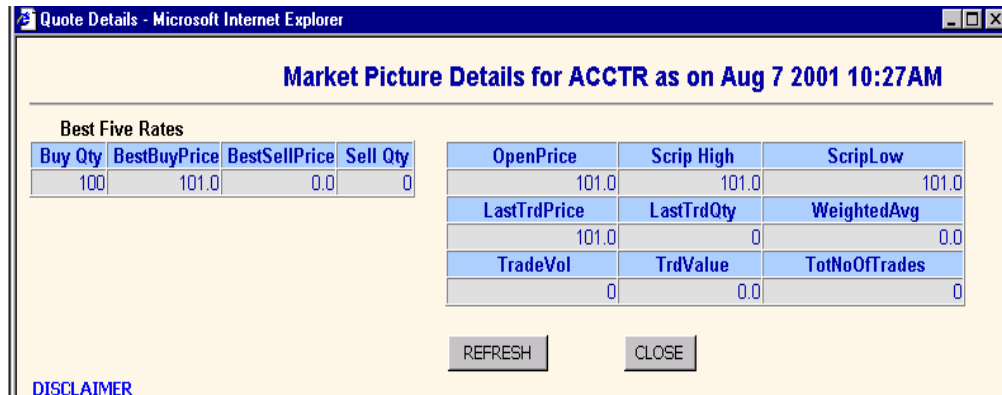
[B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

GetQuote

ScripCd	Open Price	Close Price	Last Trd Price	High	Low	Details
ACC	103.0	103.0	103.0	103.0	103.0	Details
ACCFI	100.0	100.0	100.0	100.0	100.0	Details
ACCTR	101.0	101.0	101.0	101.0	101.0	Details
ACKKN	100.0	100.0	100.0	100.0	100.0	Details
ACMFL	100.0	100.0	100.0	100.0	100.0	Details
ACMIN	100.0	100.0	100.0	100.0	100.0	Details
ACMMF	100.0	100.0	100.0	100.0	100.0	Details
ACQEX	100.0	100.0	100.0	100.0	100.0	Details
ACRIN	100.0	100.0	100.0	100.0	100.0	Details
ACRYC	100.0	100.0	100.0	100.0	100.0	Details
ACTFI	100.0	100.0	100.0	100.0	100.0	Details

CLOSE

ListOfQuotes



Quote Details

4.5.3.5 Menu Navigation

Market Picture -> Get Quote.

4.5.3.6 Form Description

To get details of quotes Investor has to enter initial letters of the quote in the Get Quote field and click 'Get Quote' Button. The 'ListOfQuotes' page is displayed with list of all Scrips matching the initial letters.

This form shows the details of specific scrip by clicking the "details" link, which displays the Quote Details page showing best five rates for that scrip and the following details: Open Price, Scrip High, Scrip Low, Last Trade Price, Last Trade Qty, Weighted Average, Trade Volume, Trade Value, Total No Of Trades. To see the recent details Investor must click the Refresh button. There is list of hyperlinks from "A to Z". By click on particular link investor is provide with list of all scrips start with that letter.

4.6 New Order Entry

4.6.1 Enter New Order

Investor can enter order though this screen.

4.6.1.1 Purpose

To place an order for trading.

4.6.1.2 Link

Order Entry.

4.6.1.3 User Group

N/A

4.6.1.4 Form Layout

Order Entry

ScripName: OrderType: Buy/Sell:

Price: Quantity: Duration:

MarketProtection: No. of Days: TransactionPassword:

Order Entry

OrderVerification

Scrip Name	RIL
Quantity	100
Order Type	Limit
Price	101.0(in Tk.)
Protection	0.0(in Tk.)
Duration	GFD
Buy/Sell	Buy
No. of days	0

Order Verification

Your request has been put forward for processing
The reference No. for your order is 700058

Order Confirmation

4.6.1.5 Menu Navigation

New Order Entry->Enter New Order.

4.6.1.6 Form Description

This screen is used to place the order for trading. This page has got the following fields...Scrip Name, Price, Market Protection, Order Type, Quantity, No Of Days, Buy/Sell, Duration and Transaction Password.

If Investor enters correct Scrip Name, Price, Market Protection, Order Type, Quantity, No Of Days, Buy/Sell Duration and Transaction Password and 'Place Order' Button is clicked, the 'Order Verification' page is displayed showing the details of the order. Click on the "Submit" button. If trading session is going, when you put your order, the message "Your Order has been put forward for processing, the Reference No of your order is <Order No>" appears on the screen, otherwise the message "Your Order has been put forward for next trading session, the Reference No of your order is <Order No>" appears on the screen.

By clicking the button "New Order" in "Order Confirmation" screen, investor is again provided with "Order Entry" screen to place next order, otherwise "Close" button closes the "Order Confirmation" screen.

4.7 Trading Home

4.7.1 Home Page

Investor can Switch to Home page through this link.

4.7.1.1 Purpose

To Switch to the Home page.

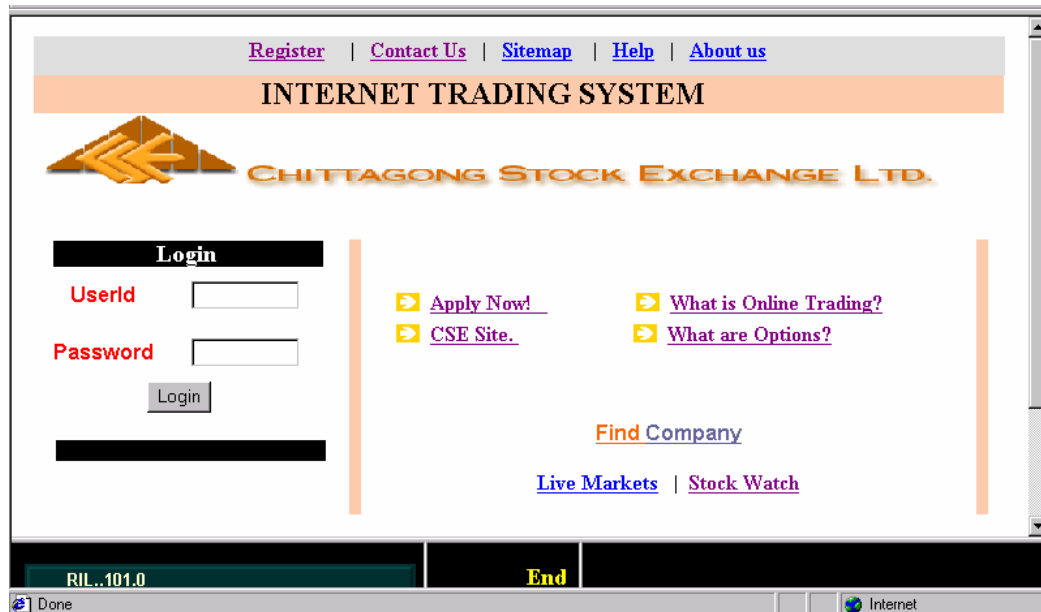
4.7.1.2 Link

Home Page.

4.7.1.3 User Group

N/A

4.7.1.4 Form Layout



Home Page

4.7.1.4 Menu Navigation

Trading Home-> Home Page.

4.7.1.6 Form Description

On clicking this link, Home page will open. Detail information about Home Page is as described in Menu 4.1.

4.7.2 Trading Tips

This Screen provides the hints for leveraging investor Internet trading sessions.

4.7.2.1 Purpose

Provides the hints for leveraging investor Internet trading sessions.

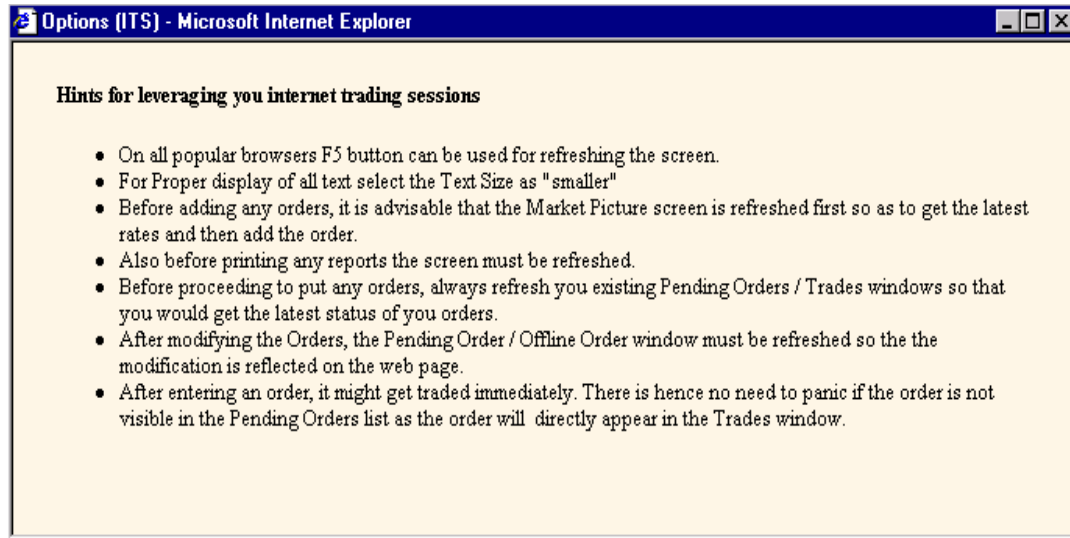
4.7.2.2 Link

Trading Tips.

4.7.2.3 User Group

N/A

4.7.2.4 Form Layout



Trading Tips

4.7.2.5 Menu Navigation

Trading Home-> Home Page.

4.7.2.6 Form Description

This screen provides the hints for leveraging investor Internet trading sessions, which facilitate him/her to make trading efficiently.

4.7.3 Help

4.7.3.1 Purpose

To Provide help and tips to the client while trading

4.7.3.2 Link

Help.

4.7.3.3 User Group

N/A

4.7.3.4 Form Layout

Same as the previous one.

4.7.3.5 Menu Navigation

Trading Home->Help

4.7.3.6 Form Description

4.8 Logout

4.8.1 Logout

Investor can exit from the ITS by using this facility.

4.8.1.1 Purpose

To exit from the ITS system.

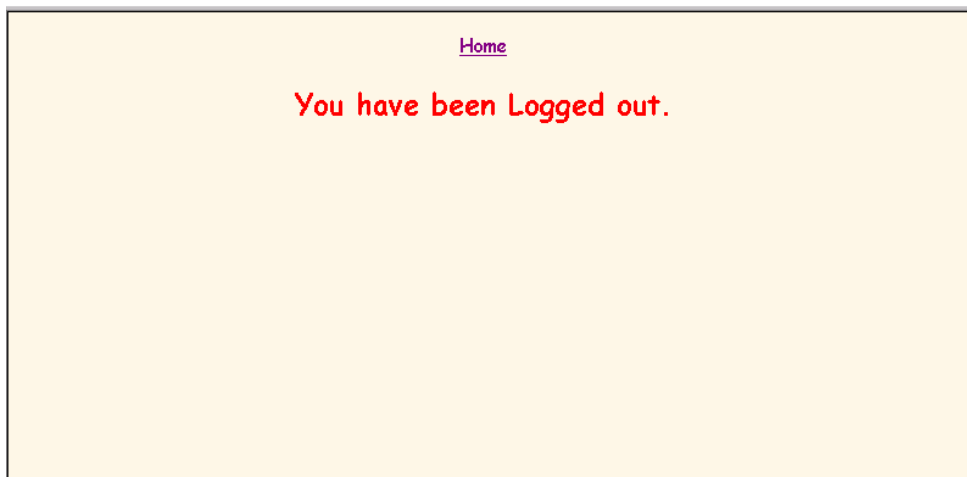
4.8.1.2 Link

Logout.

4.8.1.3 User Group

N/A

4.8.1.4 Form Layout



Logout Confirmation

4.8.1.5 Menu Navigation

Logout->Logout.

4.8.1.6 Form Description

To logout from the ITS system, click the link "Logout" present at the top/bottom of current screen. The "Logout Confirmation" screen will open with the message "You have been logged out".

4.9 Trades Log

4.8.1 Trades Log

To view the trades log.

4.9.1.1 Purpose

To view the trades log of the client for the last 7 days.

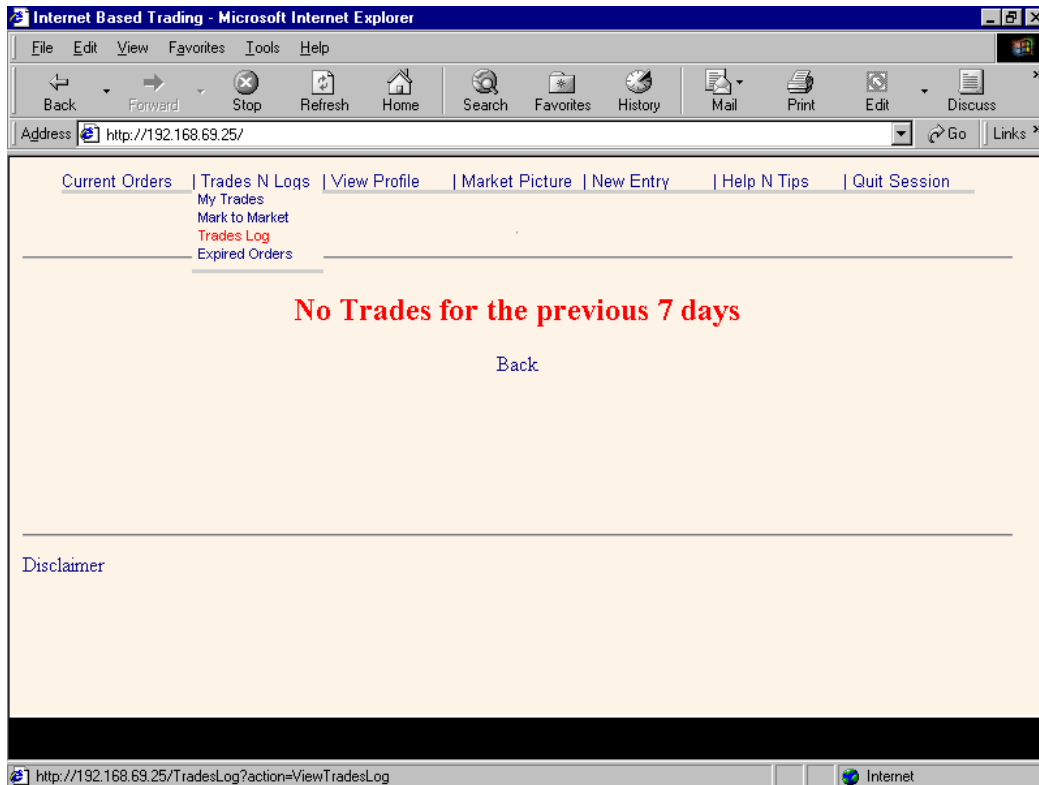
4.9.1.2 Link

Menu->Trades N Logs ->Trades Log

4.9.1.3 User Group

N/A

4.9.1.4 Form Layout



Trades Log

4.9.1.5 Menu Navigation

Menu->Trades N Logs ->Trades Log

4.8.1.6 Form Description

Shows the trades that have been executed by the client for the last seven days.

4.10 Orders Log

4.10.1 Orders Log

To view the trades log.

4.10.1.1 Purpose

To view the orders that were not matched in the trading session of the day and subsequently expired at the end of the day. Such orders for last 7 days are shown.

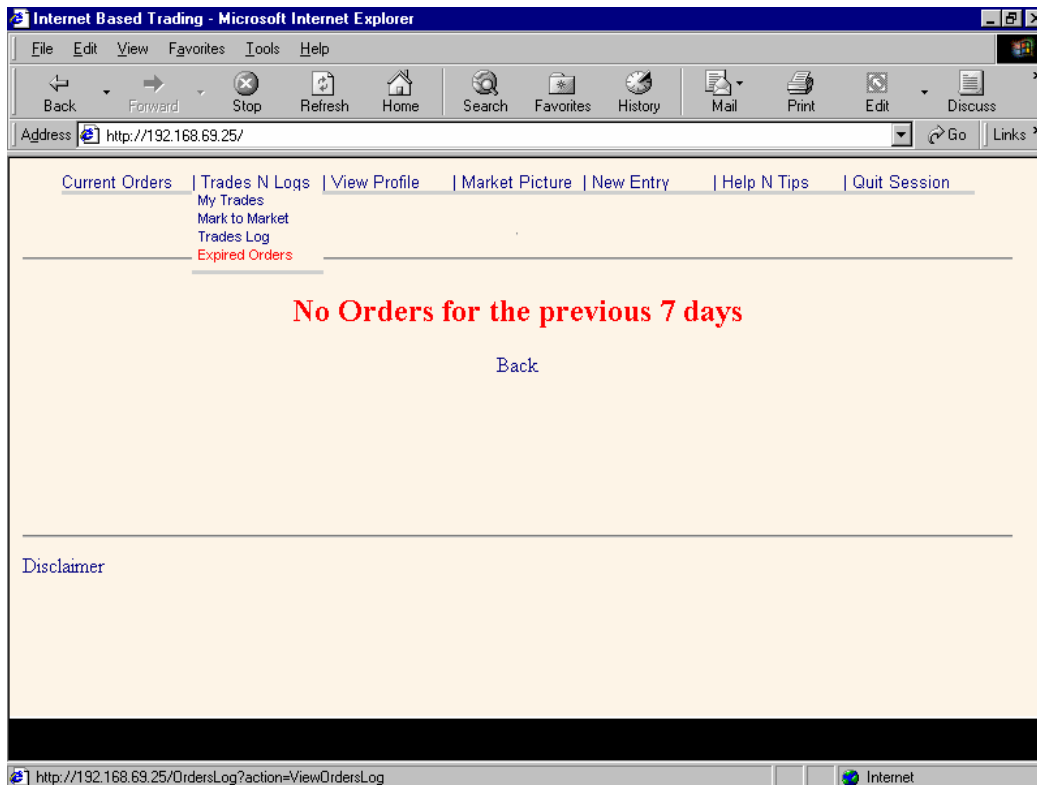
4.10.1.2 Link

Menu->Trades N Logs ->Expired Orders

4.10.1.3 User Group

N/A

4.10.1.4 Form Layout



Expired Orders

4.10.1.5 Menu Navigation

Menu->Trades N Logs ->Expired Orders

4.8.1.6 Form Description

Shows the expired orders of the last seven days.

5 Reports / Query

6 Interfaces

6.1 Interfaces to other systems

N.A

6.2 Data Files Upload / Down Load

N.A

7 Error Messages and Corrective Action

1. Internal Server Error

This error implies the creation of an unexpected erroneous condition on the server that may not be conducive to trading. In case of such an error, please notify the concerned personnel in charge of the web site.

Other errors are managed and generated by the underlying mechanism (HTTP, SSL) and need to be dealt with appropriately.

Bibliography

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