**Internet Based DTS Exercise**

Time Period: System launch 3 Months, Full Functionality 5 Months

Preliminary Requirements: The IDTS is to be developed using database DB, application server APPS and programming platform PROG.

Tests to be performed for Requirements:

1. To check compatibility of Web Browsers
2. Security Testing with respect to board of Vielty (with updates to rules and requirements)
3. Archive for 12 years (Cloud Testing)
4. Display a live feed of National Stock Exchange
5. Security test for login details
6. Interfacing with core banking module, Demat management system
7. Real time interface for various types of orders with DTS of NSE (with updates to the same)
8. System should be able to handle various types of orders
9. Users expected to have a past hand on
10. No activity for more than 3 minutes = Termination (warning at 2:30)
11. Accept and process orders with limits for customers
12. Loading time across screens < 5 seconds
13. Maximum server load for users to be checked “X” users
14. System must pass the NSE security assessment, through design scrutiny
15. Providing access to test systems, charging Rs. R for every hour, debited through the user setup

Requirements:

Epic: **Administrators**

User stories:

1) Ability to setup access rights

Epic: **Manager and members of the Derivatives Trading Division**

User stories:

1. Approve registered users
2. Ability to setup the transaction limits for each customer based on the customer’s credit assessment and past performance record
3. Ability to set up the customers in terms of whether they are allowed to deal in international derivatives or not
4. Ability to setup commission rate for domestic derivatives, commission rate for domestic derivatives, commission rates for transactions settled within the same transaction period, graded commission rates for various levels of trading volumes
5. Ability to prepare and send messages to a customer
6. Ability to prepare and send messages to groups of customers
7. Ability to generate a register of transactions during a given period
8. Should not have access to view the stop loss / book profit orders
9. Should not have access to view time driven orders
10. Ability to print a transaction record along with a duplicate copy of all successfully executed transactions

Occasional User Stories:

1. Ability to place a customer on hold
2. Ability to release a customer on hold
3. Ability to close a customer account and remove the customer from the customer list of the system and the bank
4. Ability to generate customer trading details including payment track record

Epic: **Customers of Banca Valla**

User stories:

1. Ability to register as a customer for the internet derivative trading service
2. Ability to view derivative prices online in the form of a price ticker
3. Ability to place orders to buy and sell selected derivatives
4. Ability to place stop loss / book profit orders
5. Ability to place time driven orders
6. Ability to view the balance of derivatives in their derivative account
7. Ability to view the cash balance in their trading account
8. Ability to view the history of transactions for the last n months
9. Ability to cancel placed orders prior to their execution
10. Ability to send derivative trading related queries to manager and members of derivatives trading division
11. Ability to send queries / suggestions on the internet based system to the system administrator
12. Ability to log in into the system
13. Ability to log out of the system
14. Ability to set preferences in terms of bank’s products, receipt of mailers, ….
15. Ability to set x, y and z aspects of user interface based on their preferences
16. Ability to view successfully executed orders
17. Ability to print a transaction record