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## Aim/Goal/Objective:

To develop a IDTS using database DB, application server APPS and programming platform PROG

## Test Assumptions/Test coverage:

Platforms:

The platforms used to test the application are

1.Andriod

2.Web application

Devices:

This IDTS should work fine with these devices once the testing has been done

1.IE

2.Mozilla

3.Netscape

4.Eudora

## Principles:

1. **Validation and verification :**

This is done so that system meets the business requirement.

## Type of testing:

1. **UAT**

   User acceptance testng is done once the testing is done. In IDTS the UAT is done by the owner (client).

2. **Unit testing**

   Each module/component of the code is tested for IDTS.

3. **Integration testing**

   Every modules are integrated and tested for IDTS.

4. **System testing**

   Whole IDTS is taken as a system and tested so it meets the business requirement.

## Data approach:

1. The IDTS is to be developed using database DB, application server APPS and programming platform PROG.
2. To test various things in the IDTS such as log in, log out, transaction, able to send message to the customers.
3. Overall, the IDTS should be able to work properly with end users i.e., users should be able to register, log in ,logout, transactions.
4. This system should also work with the administrator i.e., when administrator use it.

## Scope of testing:

Scope of testing used in IDTS involves:

1.**Performance testing**: This testing is done in a virtual production like environment to test the performance of the IDTS. Here the speed, reliability, is tested and how long a page is taking to open in the browser like the login page and payment page.

2.**Security testing**: This testing is done in IDTS in order to abide with internet-based trading as well as derivative trading. Security testing will ensure that the critical inputs are being tested so that in future it does not act as a threat for the users.

3.**Functional testing:** to check the functionalities that they are working properly.

4**.Load testing**: The system is expected to have a maximum concurrent user load of x users. In order to test the load of users load testing is carried out. IDTS is system which is used to provide services for the customer. Hence there will be many users who will use IDTS at a time.

## Test Estimation:

It can be launched in 3 months but 5 months are required to launch this with all the identified functionalities .

## Test Deliverables:

1.Execution report.

## Test Environment:

It is nothing but production like environment.Whole IDTS will be tested in web like environment.