TEST STRATEGY

Project name: Internet based DTS

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SCOPE and OVERVIEW

Banca Valla has decided to develop an IDTS.
Administrators will setup access rights of the application.
Manager and members will be responsible for testing of this
application.

IN-SCOPE :
- ➔ Approve users to access for the site.
- ➔ Ability to send messages to customers.
- ➔ Ability to generate transactions.

OUT-SCOPE :
- ➔ Closing account or remove customer from the list.
- ➔ Releasing and placing customer on hold.
- ➔ Ability to generate customer trade details.

TEST APPROACH

➔ Agile methodology would be very specific for this project as it is very quick to develop and also flexible.
➔ Unit testing has to be done for individual programs. Entry and Exit criteria has to be met in order to move on with the next phase. Top-down approach has to be used in doing Unit Integration Testing. Later all modules has to be integrated and checked for its functionality. Finally end users has to verify the application if its working as per their requirements.
➔ Roles and Responsibility of team members:
  ●
  ●
  ●
  ●
  ●
  ●
  ●

TEST ENVIRONMENT

➔ The IDTS is to be developed using database DB,
   application server APPS and programming platform PROG.
➔ Browsers that would be used by customers:
   - Internet Explorer - 45%
   - Mozilla - 35%
   - Netscape - 17%
   - Eudora - 3%
➔ Operating system :
➔ Processor and RAM:

TESTING TOOLS

➔ JIRA - for issue tracking
➔ ZEPHYR - for test case management
➔ APPIUM - for mobile app testing
➔ JMETER - for performance testing
➔ SELENIUM - to test web application
➔ BURP SUITE - for security testing
➔ SQL - for database testing
➔ BUGASURSA - for defect management testing

RELEASE CONTROL

Banca Valla wants to launch this system in 3 months, whereas it is estimated that it would take 5 months to complete this system with all the identified functionality.

RISK ANALYSIS

Major risk involved in this project would be security.
Financial transactions.
Viewing balances in respective trading accounts.

REVIEW and APPROVAL

Following people are responsible for reviewing and approving the testing of the above application:
- ➔ Test manager
- ➔ Product owner
- ➔ Development manager
- ➔ Project manager