**TEST STRATEGY DOCUMENT**

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| PROJECT NAME: |
| **Internet based DTS (IDTS)** |

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| PREPARED BY: |
| **ASTHA JAIN** |

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| VERSION: |
| **1.0** |

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| DATE: |
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| **ROLE** | **NAME** |
| Q/A MANAGER |  |
| Q/A TEST LEAD |  |
| SPONSOR |  |
| DEVELOPMENT MANAGER |  |
| PRODUCT MANAGER |  |
| PRODUCT SUPPORT |  |
| SOFTWARE QUALITY ENGINEER |  |

Introduction

* This is the strategy document for Internet based DTS (IDTS) and Owned By Banca Valla.
* This document shall be completed and used by the project test team to guide how testing will be managed for this project.
* The test effort will be prioritized and executed based on project priorities as defined in Project Plan and Requirement Specification.
* The Q/A Manager, Test Team Lead ,Product Manager, Project Manager and Development Manager shall review and approve final version of test strategy document

Testing Scope and Objectives:

* The scope of project is to design and develop internet based DTS.
* To make sure that all the features are working as per the requirement document.
* The testing for this will cover the installation on these platforms as well as set of critical functions to determine that code will work on all platforms.
* Prevention of bugs before going to production
* Test the functionality and confirm the quality of the product
* Try to launch the product in 3 months.

Responsibilities:

* UI tests Responsibility: QA
* Environment , API tests Responsibility : Devs, QA
* Unit tests Responsibility: Developers

Testing Approach:

Testing will cover the functionality testing ,it will validate base function of new code.

Testing approach for this project will be as below:

* Validate the application by performing functional and Non-functional testing.

1. Unit Testing
2. Integration Testing
3. System Testing
4. UAT Testing
5. Smoke Testing
6. Regression Testing

* Log bugs and report it.
* Execute the Test Scripts.

Test Tools:

* Browser Stack to check application on different browsers.
* Jira (Issue Tracking Purpose)
* Bugasura (Defect Raising Purpose)
* Selenium for UI
* JMeter and Jenkins for Performance and Deployment

Environment Requirements:

* Database :- DB
* Application Server:- APPS
* Programming Platform:- PROG
* Browsers: Internet Explorer, Mozilla, Netscape, Eudora

Testing Environment:

* Staging

Test Coverage:

* Platform :- Windows, Unix
* Quality Coverage:

1. UI/UX
2. Functional Testing
3. **Security Testing**

Deliverables:

* SRS Documentation
* Requirement Traceability Matrices
* Test Execution Report
* Defects Report
* Test Summary
* Sign-off Report

Approvals:

* Project Manager Approval
* Stakeholder Approvals (**Banca Valla**)