**Test Strategy**

**Objective**

Banca valla is an e-trading platform with lakhs of customers trading millions of shares on a daily basis. The Objectives of this document is to draft a test stratergy to test the newly developed Banca valla IDTS application within the scope discussed below.

**Approach**

Application contains multiple modules with intersystem dataflow.The approach for this application can be testing feature by feature module by module based on the demands from the end user. The features to be tested are mentioned in scope and the testing methodologies discussed based on the requirement.

**Scope**

**Inscope**

* Accessibility and authorization features of administrators
* Accessibility and authorization features of managers and members of Derivatives Trading Division
* Accessibility and features of end users

**Outscope**

* Banca valla IDTS application as a mobile application

**Test Methodalogies**

* Manual testing - Interface and intersystem testing, Smoke testing, API testing, Regression, System testing.
* Non-Functional - Usability, Performance, Compliance, Compatibility, Security testing
* Automation testing - Unit testing, Sanity testing, Regression, Acceptance and API testing.

**Tools and Technologies**

* JIRA
* Browsers (IE, Mozilla, Netscape, Eudora)
* IDE (Visual Studio Code, eclipse)
* MS and Google office suite
* Database DB
* Application server - APPS
* Programming platform - PROG

**Platform**

* Environment - staging / testing, Preproduction, Production
* OS - Windows 7 & above, MacOs 10.3.0 & above
* Device Configurations - Processor as provided by the manufacturer, RAM - 8Gb & above, Storage - 256SSD & above
* Browsers -IE, Mozilla, Netscape, Eudora

**Testing Team**

* Amisha
* Gunachanthiran
* Hari haran
* Sripadh
* Sudhakar

**Deliverables**

* Test Stratergy
* Test Plan
* Test Docs (Test Scenario, Test Case)
* Test Execution Reports
* Defect Reports

**Summary**

Test Strategy provides an overall roadmap to approach the testing needs for the application based on the given requirements. The technologies, testing methodologies, tools and all provided information above ensure to get the best out of the application. As discussed above, the testing will be proceeded and deliverables would be provided time to time for progress related aspects. Review meetings and regularly scheduled scrum calls would ensure to make progress based on the requirement given and to follow the destinated goal. This summarises the Test strategy.

**Approving Authority**

* Product Owner / Manager
* Test Lead
* Head of Engineer
* Head of Testing
* CTO
* All Senior People

**Test Plan**

**Objective**

The Objectives of this document is to draft a test Plan to test one of the modules of Banca valla IDTS application namely Administrator within the scope discussed below.

**Approach**

This module contains multiple features and dataflow. The approach is to test feature by feature of this module based on the requirements. The features to be tested are mentioned in scope and the testing methodologies are discussed based on the requirement.

**Scope**

**Inscope**

* Accessibility and authorization features of administrators(setup access rights to various parts of this application for other classes).

**Test Methodologies**

* Manual testing - Interface and intersystem testing, Smoke testing, API testing, Regression, System testing.
* Non-Functional - Usability, Performance, Compliance, Compatibility, Security testing
* Automation testing - Unit testing, Sanity testing, Regression, Acceptance and API testing.

**Tools and Technologies**

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* Browsers -IE, Mozilla, Netscape, Eudora

**Testing Team**

* Amisha
* Gunachanthiran
* Hari haran
* Sripadh
* Sudhakar

**Deliverables**

* Test Plan for 3 weeks

**Summary**

Test Plan shows when and how the module will be tested based on the given requirements. The technologies, testing methodologies, tools and all provided information above ensure to get the best out of the application. As discussed above, the testing will be proceeded and deliverables would be provided in 3 weeks.

**Approving Authority:**

* Product Owner / Manager
* Test Lead
* Head of Engineer
* Head of Testing
* CTO
* All Senior People

**Test Plan**

**Objective**

The Objectives of this document is to draft a test Plan to test one of the modules of Banca valla IDTS application namely Manager and members of the DTD module within the scope discussed below.

**Approach**

This module contains multiple features and dataflow between them. The approach is to test feature by feature of this module based on the requirements. The features to be tested are mentioned in scope and the testing methodologies are discussed based on the requirement.

**Scope**

**Inscope**

* Accessibility and authorization features i.e.,
* Approve registered users, setup the transaction limits for each customer,
* setup commission rate,
* prepare and send messages to a customer,
* generate a register of transactions,
* print a transaction record along with a duplicate copy of all successfully executed transactions,
* should not have access to view the stop loss / book profit orders,
* should not have access to view time driven orders of Manager and members of the DTD.

**Test Methodologies**

* Manual testing - Interface and intersystem testing, Smoke testing, API testing, Regression, System testing.
* Non-Functional - Usability, Performance, Compliance, Compatibility, Security testing
* Automation testing - Unit testing, Sanity testing, Regression, Acceptance and API testing.

**Tools and Technologies**

* JIRA
* Browsers (IE, Mozilla, Netscape, Eudora)
* IDE (Visual Studio Code, eclipse)
* MS and Google office suite
* Database DB
* Application server - APPS
* Programming platform - PROG

**Platform**

* Environment - staging / testing, Preproduction, Production
* OS - Windows 7 & above, MacOs 10.3.0 & above
* Device Configurations - Processor as provided by the manufacturer, RAM - 8Gb & above, Storage - 256SSD & above
* Browsers -IE, Mozilla, Netscape, Eudora

**Testing Team**

* Amisha
* Gunachanthiran
* Hari haran
* Sripadh
* Sudhakar

**Deliverables**

* Test Plan for 3 weeks

**Summary**

Test Plan shows when and how this module will be tested based on the given requirements. The technologies, testing methodologies, tools and all provided information above ensure to get the best out of the application. As discussed above, the testing will be proceeded and deliverables would be provided in 3 weeks.

**Approving Authority:**

* Product Owner / Manager
* Test Lead
* Head of Engineer
* Head of Testing
* CTO
* All Senior People

**Test Plan**

**Objective**

The Objectives of this document is to draft a test Plan to test one of the modules of Banca valla IDTS application namely Customer or End Users within the scope discussed below.

**Approach**

This module contains multiple features and dataflow. The approach is to test feature by feature of this module based on the requirements. The features to be tested are mentioned in scope and the testing methodologies are discussed based on the requirement.

**Scope**

**Inscope**

Accessibility and authorization features of End Users i.e.,

* register as a customer for IDTS,
* view derivative prices online in the form of a price ticker,
* place orders to buy and sell selected derivatives,
* place stop loss / book profit orders,
* place time driven orders,
* view the balance of derivatives in their derivative account,
* view the cash balance in their trading account,
* view the history of transactions for the last n months,
* cancel placed orders prior to their execution,
* send derivative trading related queries to manager and members of derivatives trading division,
* send queries / suggestions on the internet-based system to the system administrator,
* log in into the system and log out,
* set preferences in terms of bank’s products and receipt of mailers,
* set x, y and z aspects of user interface based on their preferences,
* view successfully executed orders,
* print a transaction record.

**Test Methodologies**

* Manual testing - Interface and intersystem testing, Smoke testing, API testing, Regression, System testing.
* Non-Functional - Usability, Performance, Compliance, Compatibility, Security testing
* Automation testing - Unit testing, Sanity testing, Regression, Acceptance and API testing.

**Tools and Technologies**

* JIRA
* Browsers (IE, Mozilla, Netscape, Eudora)
* IDE (Visual Studio Code, eclipse)
* MS and Google office suite
* Database DB
* Application server - APPS
* Programming platform - PROG

**Platform**

* Environment - staging / testing, Preproduction, Production
* OS - Windows 7 & above, MacOs 10.3.0 & above
* Device Configurations - Processor as provided by the manufacturer, RAM - 8Gb & above, Storage - 256SSD & above
* Browsers -IE, Mozilla, Netscape, Eudora

**Testing Team**

* Amisha
* Gunachanthiran
* Hari haran
* Sripadh
* Sudhakar

**Deliverables**

* Test Plan for 3 weeks

**Summary**

Test Plan shows when and how this module will be tested based on the given requirements. The technologies, testing methodologies, tools and all provided information above ensure to get the best out of the application. As discussed above, the testing will be proceeded and deliverables would be provided in 3 weeks.

**Approving Authority:**

* Product Owner / Manager
* Test Lead
* Head of Engineer
* Head of Testing
* CTO
* All Senior People

**Test Plan**

**Objective**

The Objectives of this document is to draft a test Plan to test data flow from one module to another module of Banca valla IDTS application within the scope discussed below.

**Approach**

This module contains multiple features and their dataflow. The approach is to test dataflow between modules based on the requirements. The features to be tested are mentioned in scope and the testing methodologies are discussed based on the requirement.

**Scope**

**Inscope**

* Data flow of the entire system.

**Test Methodologies**

* Manual testing - Interface and intersystem testing, Smoke testing, API testing, Regression, System testing.
* Non-Functional - Usability, Performance, Compliance, Compatibility, Security testing
* Automation testing - Unit testing, Sanity testing, Regression, Acceptance and API testing.

**Tools and Technologies**

* JIRA
* Browsers (IE, Mozilla, Netscape, Eudora)
* IDE (Visual Studio Code, eclipse)
* MS and Google office suite
* Database DB
* Application server - APPS
* Programming platform - PROG

**Platform**

* Environment - staging / testing, Preproduction, Production
* OS - Windows 7 & above, MacOs 10.3.0 & above
* Device Configurations - Processor as provided by the manufacturer, RAM - 8Gb & above, Storage - 256SSD & above
* Browsers -IE, Mozilla, Netscape, Eudora

**Testing Team**

* Amisha
* Gunachanthiran
* Hari haran
* Sripadh
* Sudhakar

**Deliverables**

* Test Plan for the last 3 weeks.

**Summary**

Test Plan shows when and how the dataflow will be tested based on the given requirements. The technologies, testing methodologies, tools and all provided information above ensure to get the best out of the application. As discussed above, the testing will be proceeded and deliverables would be provided in 3 weeks.

**Approving Authority:**

* Product Owner / Manager
* Test Lead
* Head of Engineer
* Head of Testing
* CTO
* All Senior People