**T I T L E**

**Subtitle**

CR/IR/MR [xxxxx]

System Integration Test Documentation

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[Date]



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The information in this document has been duly reviewed and agreed by the following representatives of each party, continue to the next step.

|  |  |  |
| --- | --- | --- |
| **Tester** | **Test Manager** | **Testing Team Leader** |
| Fahmi Afianto  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Riska Amelia  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Tinormaida Sirait  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

# Short Description

[*Deskripsi singkat project]*

# Business/System Requirements

…………

# System Impacted

[Detail system/application impacted by this project]

# System Change

*[Detail of changes based on Delivery Form submitted by development]*

# Testing Schedule

*[Testing schedule based on approved Project Charter document]*

| Activity | Milestone | Target Date | PIC |
| --- | --- | --- | --- |
| <Test Activity, if using vendor’s methodology, use their term> | <Deliverable list from the activity to be received by BNI> | <The target date of submission> | <Name of the PIC responsible for the deliverable> |
|  |  |  |  |
|  |  |  |  |

# Risks & Mitigation Plans

[Define risks for testing and mitigation plan for all risks defined]

| Test Phase | Risk | Mitigation | PIC |
| --- | --- | --- | --- |
| <Test Phase, where the identified risk will likely to occur> | <The identified risk> | <Detail the resolution of the issues here, agree with the related parties and stakeholders> | <Name of the PIC responsible > |
|  |  |  |  |
|  |  |  |  |

# Testing Scenario

*[Describe all scenario for all phases]*

## System Integration Test Scenario

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Skenario** | **Test Case** | **Expected Result** | **Criteria** |
| TC-01 |  |  |  | [Pass/Failed] |
| TC-02 |  |  |  |  |

## Automation Test Plan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Skenario** | **Test Case** | **Expected Result** | **Criteria** |
| TC-01 |  |  |  | [Pass/Failed] |
| TC-02 |  |  |  |  |

# Test Execution Plan & Result

## Test Type

[*Functional Testing, Regression Testing, Integration Testing, Compatibility Testing, Load Testing, Performance Testing, Regression Testing, etc]*

| **Test Type** | **Description** |
| --- | --- |
| * Unit Test | Unit tests ensure that each unique path of the project performs accurately to the documented specifications and contains clearly defined inputs and expected results |
| * System Test | System testing ensures that the entire integrated software system meets requirements. It tests a configuration to ensure known and predictable results. System testing is based on process descriptions and flows, emphasizing pre-driven process links and integration points |
| * Integration Test | Testing two or more modules or functions together with the intent of finding interface defects between the modules or functions |
| * Functional Test | Functional test can be defined as testing two or more modules together with the intent of finding defects, demonstrating that defects are not present, verifying that the module performs its intended functions as stated in the specification and establishing confidence that a program does what it is supposed to do |
| * Performance Test | Testing with the intent of determining how quickly a product handles a variety of events. Automated test tools geared specifically to test and fine-tune performance are used most often for this type of testing |
| * Compatibility Test | Testing used to determine whether other system software components such as browsers, utilities, and competing software will conflict with the software being tested. |
| * Load Test | Testing with the intent of determining how well the product handles competition for system resources. The competition may come in the form of network traffic, CPU utilization or memory allocation |
| * Regression Test | Testing with the intent of determining if bug fixes have been successful and have not created any new problems. Also, this type of testing is done to ensure that no degradation of baseline functionality has occurred |
| * Stress Test | Testing with the intent of determining how well a product performs when a load is placed on the system resources that nears and then exceeds capacity |

## Test Result

### Test Case – 01

#### Preparations

|  |
| --- |
|  |

#### Exit Acceptance Criteria

|  |
| --- |
|  |

#### Procedure

|  |
| --- |
|  |

#### Output

|  |
| --- |
|  |

# Defect List

## SIT Defect

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Description** | **Modul** | **Status** |
| DF-01 |  |  |  |
| DF-02 |  |  |  |

## UAT Defect

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Description** | **Modul** | **Status** |
| DF-01 |  |  |  |
| DF-02 |  |  |  |

## Defect Evidence

### Defect – 01

#### Description

|  |
| --- |
|  |

#### Step To Reproduce

|  |
| --- |
|  |

#### Output Defect

|  |
| --- |
|  |

#### Output Fixing

|  |
| --- |
|  |

# QA Metrics

[*Describe testing result metric, please attach the testing report as an evidence*]

|  |  |
| --- | --- |
| **Metrics** | **Numbers** |
| Project Scale |  |
| Test Cases |  |
| Defect |  |
| Defect Rate |  |
| Test Effectiveness |  |

# Conclusion and Suggestions

[*Describe testing result conclusion*]