

Digitalization of Admissibility project, focusing on the integration of OneID.

Test Strategy & Plan

OneID

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Creating a Test Strategy and Plan for the Digitalization of Admissibility project with OneID integration involves outlining the approach, resources, schedule, and scope of testing activities to ensure the system meets its requirements and functions correctly. Below is an outline for such a document:

**Executive Summary:**

* Brief overview of the test strategy and plan, highlighting the main objectives, testing scope, and methodologies to be employed.

### 1. Test Strategy

* **Purpose and Scope:** Define the purpose of testing and outline the boundaries of the test effort, including what will and will not be tested.
* **Test Objectives:** List the key objectives of the testing activities, such as verifying functionality, ensuring performance benchmarks are met, and validating security requirements.
* **Testing Types:** Describe the types of testing to be conducted, such as unit testing, integration testing, system testing, security testing, performance testing, and user acceptance testing (UAT).
* **Risk Management:** Outline the process for identifying, assessing, and managing risks associated with testing.

### 2. Test Plan

* **Test Environment:** Specify the hardware and software requirements for the test environment, including any necessary tools and resources.
* **Test Data Management:** Describe the approach for managing test data, ensuring data privacy and integrity, and detailing the process for creating, maintaining, and disposing of test data.
* **Roles and Responsibilities:** Define the roles and responsibilities of the test team members, including coordination with other project teams and stakeholders.
* **Test Schedule:** Provide a detailed schedule of testing activities, including timelines for each phase of testing and key milestones.

### 3. Test Cases and Test Scripts

* **Test Case Development:** Outline the process for developing test cases and scripts, including the criteria for acceptance and exit.
* **Traceability Matrix:** Describe how test cases will be mapped to requirements to ensure coverage and traceability.

### 4. Testing Tools and Techniques

* **Tool Selection:** List the tools that will be used for testing, including any software for automated testing, performance monitoring, and issue tracking.
* **Testing Techniques:** Detail the testing techniques to be employed, such as black-box testing, white-box testing, load testing, and stress testing.

### 5. Defect Management

* **Defect Tracking:** Describe the process for tracking and managing defects found during testing, including prioritization, assignment, and resolution.
* **Quality Metrics:** Define the quality metrics to be used for assessing the testing process and product quality.

### 6. Reporting and Documentation

* **Test Reporting:** Specify the reporting process, including frequency, format, and distribution of test reports.
* **Test Documentation:** Outline the documentation to be produced as part of the testing process, including test plans, test cases, and final test reports.

### 7. Training and Knowledge Transfer

* **Training Plan:** Provide a plan for training the test team on the necessary tools, techniques, and domain knowledge.
* **Knowledge Transfer:** Outline the approach for ensuring knowledge transfer and continuity within the test team.

### 8. Exit Criteria and Acceptance

* **Exit Criteria:** Define the criteria for completing each testing phase and for concluding the overall testing effort.
* **Acceptance Criteria:** Specify the criteria that the system must meet to be accepted by the stakeholders.

### Appendices

* **Appendix A:** Detailed Test Case Examples
* **Appendix B:** Testing Schedule and Milestones
* **Appendix C:** Roles and Contact Information

**Glossary:**

* **UAT:** User Acceptance Testing
* **Defect Tracking System:** Software used to track and manage defects

This Test Strategy and Plan document should provide a comprehensive roadmap for the testing activities of the Digitalization of Admissibility project, ensuring that all aspects of the system are thoroughly evaluated and validated against the project requirements.