Tranzaxis Sandbox Environment for APIs (Nigeria)

Target release	Type // to add a target release date
Epic	Type /Jira to add Jira epics and issues
Document status	DRAFT
Document owner	@Mobayo Adegboye
Designer	@ designer
Tech lead	@Samuel Sawyerr
Technical writers	@Mobayo Adegboye
QA	

Objective 🔗

The purpose of this document is to outline the requirements for setting up a Tranzaxis Sandbox Environment in Nigeria to facilitate API testing and integration for banks and fintech partners. This sandbox will serve as a simulated environment where developers can test Tranzaxis APIs in a controlled setting before moving to production.

- To provide a dedicated sandbox environment for customers/ banks to test Tranzaxis APIs.
- To enable seamless API integration by allowing developers to simulate real-world scenarios.
- To improve the developer experience by offering comprehensive documentation and support.

Assumptions 🔗

- The sandbox will mimic the production Tranzaxis environment but with test data.
- API documentation and sample payloads will be provided to developers by the kenya team
- The sandbox will have predefined limits on API requests to prevent system overload.
- There will be a support mechanism for resolving sandbox-related issues.

⭐ Milestones 🔗

Requirements 🔗

Requirement	User Story	Importance	Jira Issue	Notes
Sandbox Access and Onboarding 🔗	As a developer, I want to request access to the Tranzaxis sandbox environment so that I can test API integrations before going live. **Acceptance Criteria:** - A registration process should be available for requesting sandbox access.	HIGH		

	• Developers should receive API credentials upon successful onboarding. • Access should be restricted to authorized users.			
API Testing and Simulation	As a customer, I want to test my API requests against the Tranzaxis sandbox so that I can validate my integration before production deployment. **Acceptance Criteria:** • The sandbox should support various test scenarios, including successful and failed transactions. • Simulated responses should be provided based on different request parameters. • API calls should be logged for debugging and troubleshooting.			

Dependencies 🔗

- Tranzaxis API framework for processing transactions.
- Secure authentication and authorization mechanisms.
- API documentation portal for developer reference.
- Support team for handling sandbox-related queries.