**Pico Wallet Mobile Application Test Plan**

**1. Introduction**

The **Pico Wallet** mobile application enables users to manage their cryptocurrency assets, including functionalities such as sending, receiving, and swapping tokens, as well as browsing decentralized applications (dApps). This test plan outlines the strategy, objectives, schedule, resources, and deliverables for testing the Pico Wallet application to ensure it meets the specified requirements and quality standards.

**2. Scope**

* **In Scope**: The testing will cover all core functionalities of the Pico Wallet application, including:
  + User Registration and Authentication
  + Wallet Management (Send/Receive Tokens)
  + Token Swap
  + In-App Browser
  + Collectibles and NFTs
  + Settings and Customizations
  + Admin Panel
* **Out of Scope**: External integrations and third-party services, such as external APIs for token price fetching, are excluded from this testing phase.

**3. Objectives**

* Verify that the application functions as intended across all supported devices and platforms.
* Ensure that all user interactions are intuitive and free from errors.
* Confirm that the application adheres to security best practices, safeguarding user data and transactions.

**4. Test Strategy**

* **Test Levels**:
  + *Unit Testing*: Focus on individual components and functions.
  + *Integration Testing*: Assess the interaction between different modules.
  + *System Testing*: Evaluate the application as a whole.
  + *User Acceptance Testing (UAT)*: Validate the application with end-users to ensure it meets their needs.
* **Test Types**:
  + *Functional Testing*: Verify that the application performs its intended functions.
  + *Non-Functional Testing*: Assess performance, security, usability, and compatibility.

**5. Test Environment**

* **Hardware**: Testing will be conducted on a range of devices, including smartphones and tablets, to ensure compatibility.
* **Software**: The application will be tested on both iOS and Android platforms, across various versions.
* **Tools**: Utilize testing tools such as [Testing Tool Name] for automated testing and [Bug Tracking Tool] for defect management.

**6. Test Deliverables**

* **Test Cases**: Detailed test scenarios covering all functionalities.
* **Test Reports**: Documentation of test results, including passed and failed cases.
* **Defect Logs**: Records of any issues or bugs identified during testing.

**7. Schedule**

The testing phase is scheduled to begin on [Start Date] and conclude on [End Date], aligning with the overall project timeline.

**8. Resources**

* **Personnel**: A team comprising [Number] testers, including a test manager and test analysts.
* **Training**: Testers will receive training on the application's functionalities and the testing tools employed.

**9. Risks and Assumptions**

* **Risks**:
  + Potential delays in development could impact the testing schedule.
  + Resource constraints may limit the scope of testing.
* **Assumptions**:
  + The application will be delivered for testing with all features implemented.
  + Required resources and tools will be available as planned.

**10. Approvals**

This test plan has been reviewed and approved by the project stakeholders, including the project manager and the development team lead.