ShakeyOS Mobile AI Framework Whitepaper

Executive Summary

ShakeyOS is the **first mobile-ready open-source AI framework** designed to revolutionize the way developers integrate artificial intelligence into mobile applications. With ready-to-go React Native and Flutter projects fully integrated with AI tooling, ShakeyOS provides seamless wallet connections and robust AI capabilities, allowing users to effortlessly build or port their apps. Built on top of the advanced ElizaOS, ShakeyOS empowers developers to utilize ElizaOS's AI tools while streamlining mobile-specific use cases.

This whitepaper outlines the vision, features, team, roadmap and economic model of ShakeyOS, highlighting its transformative potential for mobile AI development.

Vision and Mission

Vision

To establish ShakeyOS as the gold standard for mobile applications requiring AI features, enabling users to create powerful, AI-enhanced solutions effortlessly.
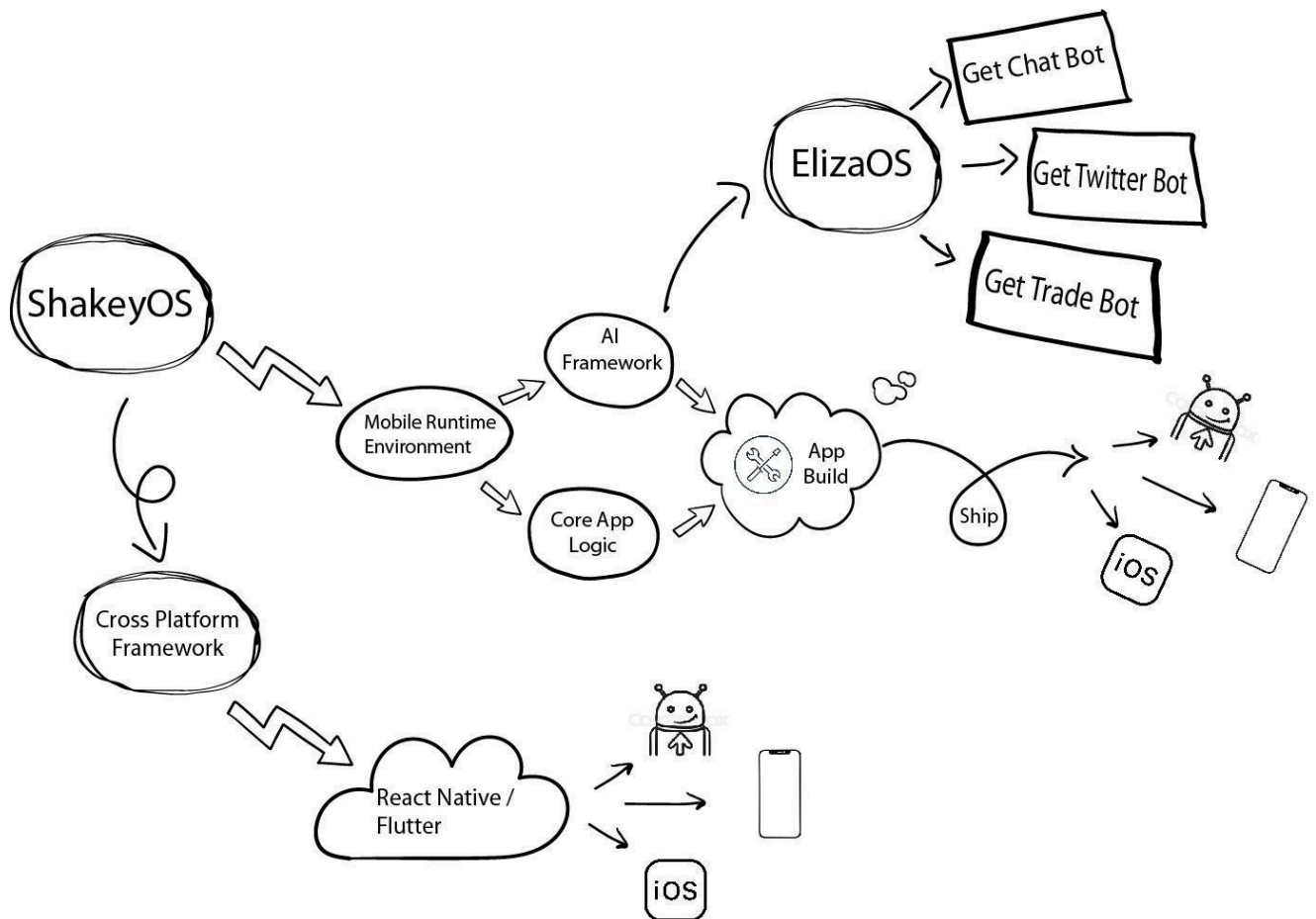
Mission

- Simplify mobile AI integration with a streamlined, ready-to-use framework.
- Offer cloud-ready services for efficient deployment of AI agents that work with the mobile apps.
- Provide native linking modules to enhance AI agents' compatibility with mobile platforms.
- Build a community-driven ecosystem with constant app templates and flexible customization options.

Team

This is built and engineered by Irenictech studios, where we have over a decade of experience working on Mobile Apps, Custom Cloud Solutions, AI, Blockchain and AAA games.
https://www.irenictech.com/

Technical Architecture

Key Features

1. **Ready-to-Use Framework**
   - Prebuilt React Native and Flutter projects integrated with AI tooling.
   - Seamless wallet connection for decentralized applications.
2. **ElizaOS Integration**
   - Fully compatible with ElizaOS's AI tools for powerful functionality.
   - Custom modifications to optimize mobile-specific use cases by removing unnecessary web-based components.

3. **Out-of-the-Box Wallet Integration**
   - Metamask and Phantom wallets are already integrated out of the box for your apps.
4. **Native Linking Modules**
   - Efficient native compatibility for AI agents to leverage device-specific features.
5. **Premade App Templates**
   - In-house applications included as templates for users to edit and customize according to their needs.

Tokenomics

Token Utility

Shakey Coins serve as the lifeblood of the ShakeyOS ecosystem, enabling:

- **AI Service Subscriptions**: Pay for in-app AI services using Shakey Coins instead of separate payments to AI providers.
- **App Development Services:** Get customized apps completed and shipped on stores by the Shakey team and use your Shakey tokens for the services.
- **Governance**: Use Shakey Coins in a future DAO to prioritize incremental needs and developments.

Supply and Distribution

- **Total Supply**: 1 Billion ShakeyOS Tokens
- **Initial Distribution**:
  - 20% for the dev team support and operations (Locked for 1 year on streamflow with vested scheduling)
  - 5% for Ai16z DAO.
  - 5% for Psychedelic Games as our first partner to develop their Golden Tides AI Pirate Pet Tamagotchi Companion App.
  - 5% for Marketing and Community Budget.

Roadmap

Phase 1: Framework Optimization

- Reduce clutter from ElizaOS and just use mobile-specific modules.
- Convert it into packages so anyone can install the packages directly and have full integration.

Phase 2: Extending Framework on AI features

- Extend the Shakey framework to allow Twitter bots to be configured within the premade apps.

- On touch cloud configuration for Agents so it can be deployed from within dummy apps just with minimal setup.

Phase 3: One-For-All

- Make Shakey Compatible to ship out and deploy code bases on all platforms from single codebase.
- Build and refine native modules to enhance device-specific AI functionality.

- Allow Consumers to use the Shakey App as a standalone without needing to run the code and just create any AI tooling from it.

Phase 4: Fully automated App creation and Ecosystem Expansion

- We want to use AI agents to the full potential and let them build the app components with just simple commands.
- Allowing publishing support so it's just a command away to ship once accounts are connected.
- Launching Social Media DApp for NFT trading and service exchanges.
- Launching the Partner Golden Tides AI Tamagotchi Companion App.

Note - This roadmap is subject to change based on our community requirements and needs.

Governance

ShakeyOS will transition to a decentralized governance model, allowing token holders to propose and vote on ecosystem developments. This ensures that the framework evolves based on community needs and priorities.

Conclusion

ShakeyOS is poised to become the premier mobile AI framework, combining the power of ElizaOS's AI tools with mobile-specific optimizations. By focusing on community-driven innovation, cloud integration, and native compatibility, ShakeyOS will redefine the standard for AI-enhanced mobile app development. Join us in shaping the future of mobile AI applications.

For more information, visit www.shakeyos.ai