

Progress Summary & Plan for 28 November 2024

Introduction

This document outlines the progress made on the KVP Blockchain project, including updates from 26th November 2024, and plans for 28th November 2024.

Progress History (Last 24 Hours)

1. Resolved GitHub LFS Issues:

- Successfully resolved the limitation on large file uploads to GitHub using Git LFS.
- Updated repository with necessary adjustments for large files (`.gitattributes`, `.gitignore`).
- Cleaned up unnecessary files such as `allfiles.txt` and `files.txt`.
- Repository URL: **[GitHub KVP Blockchain]**(<https://github.com/hendri2808/kvp-blockchain>).

2. Tested and Pushed Changes:

- Ensured all changes, including large file management, were correctly integrated and tested on GitHub.
- Verified synchronization between local changes and the repository.

3. Technical Debugging:

- Resolved issues with Git remote setup (`origin`) and rebasing.
- Handled branch conflicts and ensured compatibility between local and remote branches.

4. Tool Setup:

- Verified Python 3.7.4 environment for project-related automation and tooling.
- Installed additional dependencies (`git-filter-repo`, `pip`) to optimize Git handling.

Plan for Today (28 November 2024)

Primary Tasks:

1. Database Revision and Update

- Migration from Arc<Mutex<Vec<User>>> version on Rust to PostgreSQL.
- Include all database like (blockchain, user-management, utility, and other build features component for kvp_blockchain database)
- Finalize **'kvp_blockchain database'**

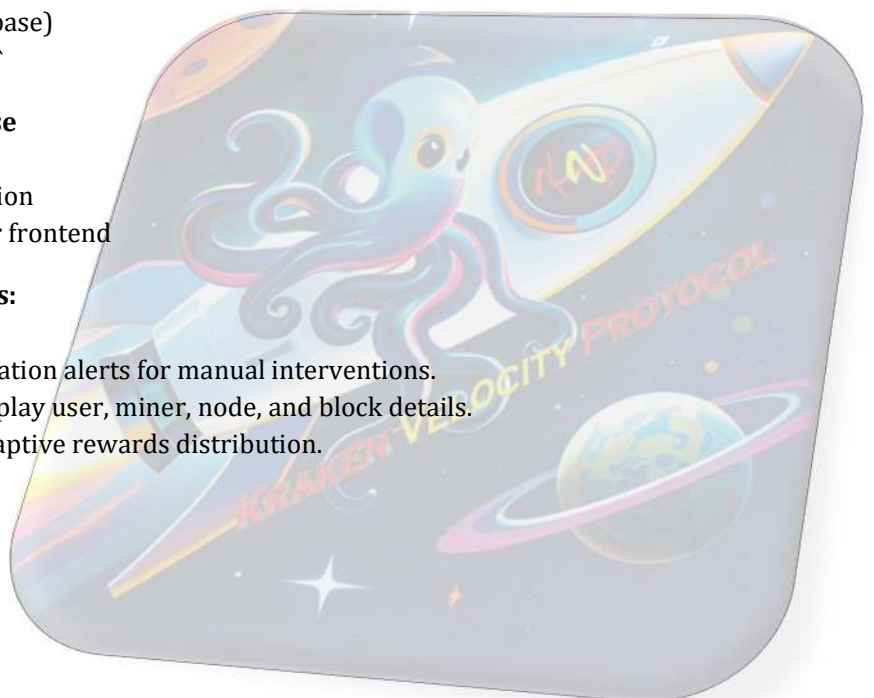
2. Backend Adjustment for Database

- Adjustment for main and routes
- Make sure all codes in robust condition
- Finalize all database ready to use for frontend

3. Admin Dashboard Enhancements:

- Integrate features such as:
 - **KYC Approval System** with notification alerts for manual interventions.
 - **Blockchain Statistics Panel** to display user, miner, node, and block details.
 - **Reward Pool Management** for adaptive rewards distribution.

4. Blockchain Features:



- Develop the **real-time statistics** module for blockchain activity.
- Integrate **reward indicators** for user wallets tied to KYC approval status.

5. Community Setup:

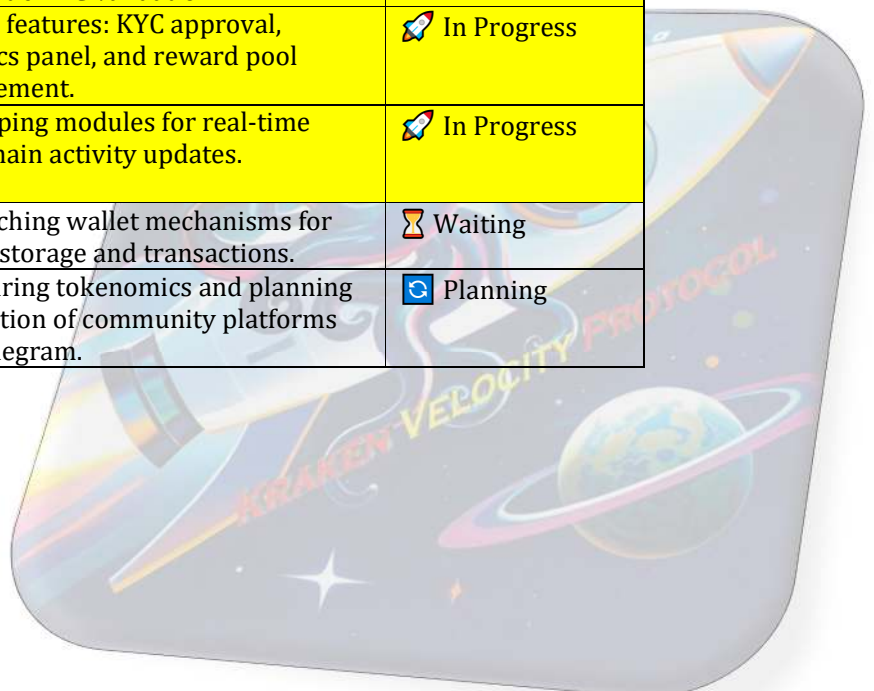
- Plan the implementation of **community channels** (Telegram) within the app.
- Document **initial tokenomics** structure and DAO governance for transparency.

Secondary Tasks:

- Begin **wallet feature exploration**, including storage and transaction mechanisms.
- Prepare API documentation for developers targeting Web3, NFT, and DeFi integrations.

Consolidated Progress Table (26 November 2024)

No	Feature/Agenda	Description	Status
1	GitHub Repository Setup	Resolved large file upload issues, cleaned repository, and pushed updated code.	✅ Completed
2	Python & Tool Setup	Verified Python 3.7.4 environment, installed dependencies (`git-filter-repo`, `pip`).	✅ Completed
3	Backend & Database Adjustment Progress	Prepare PostgreSQL for database -. Admin -. User -. KYC Submit, Approval -. Blockchain Stat -. Blockchain ID -. Pool Reward -. Transaction -. Auto Function for DB -. Integration with Rust File on Backend	[■■■■■■□□□□] 60% Loading...
3	KYC Explorer (Dynamic Form)	Implementing dynamic forms and automatic KYC validation.	🚀 In Progress
4	Admin Dashboard	Adding features: KYC approval, statistics panel, and reward pool management.	🚀 In Progress
5	Blockchain Statistics (Real-Time)	Developing modules for real-time blockchain activity updates.	🚀 In Progress
6	Wallet Feature Exploration	Researching wallet mechanisms for secure storage and transactions.	⌚ Waiting
7	Tokenomics & Community Development	Structuring tokenomics and planning integration of community platforms like Telegram.	🔄 Planning



Consolidated Progress Table (General)

No	Fitur/Agenda	Deskripsi	Status
1	Desain Protokol Baru: KVP Protocol	Proof of Contribution, mobile-friendly mining, DAO governance, integrasi Web3, DeFi, NFT, dan game.	✓ Completed
2	Dasar Blockchain dan Blockchain Explorer	Implementasi awal explorer dengan fitur dasar seperti pencarian dan statistik blockchain.	✓ Completed
3	User Authentication	Menambahkan fitur login dan register untuk mengamankan akses explorer dan dashboard.	✓ Completed
4	KYC Automation	Validasi otomatis dokumen KYC menggunakan OCR, dengan notifikasi untuk kasus manual. [■■■■□□□□□□].....Loading..... -. Backend Work – We are Here -. Frontend Work – <i>Waiting...</i>	🚀 Progress
5	Dashboard Admin	Fungsi: Approval KYC, pengaturan pool reward, reset password, delete user, statistik blockchain.	⌚ Waiting
6	Dashboard User	Fungsi: KYC Explorer, mining interface, wallet user, pengaturan user.	⌚ Waiting
7	CI/CD Pipeline	Automasi deployment backend dan frontend menggunakan GitHub Actions atau serupa.	⌚ Waiting
8	Monitoring dan Logging	Menggunakan Grafana atau Elastic Stack untuk memonitor performa API dan server.	⌚ Waiting
9	Advanced Filtering	Menambahkan filter kombinasi pada blockchain explorer.	⌚ Waiting
10	Statistik Blockchain Real-time	Menampilkan statistik pengguna, miner, node, dan blok secara real-time.	⌚ Waiting
11	KYC Explorer (Dynamic Form)	Form dinamis untuk input data pribadi dan dokumen KYC sesuai aturan negara.	⌚ Waiting
12	Wallet User	Fitur penyimpanan, transaksi, dan indikator reward pada wallet user.	⌚ Waiting
13	Integrasi DeFi, Web3, dan Game	Fitur staking, lending, liquidity pool, NFT in-game, dan interoperabilitas antar-game.	⌚ Waiting

