



ESG BlockChain Development Technical Proposal

Introduction:

Being an Industry Leading Blockchain development company in India, We transform your business/industry processes into highly secure, scalable and transparent growth with our premium Blockchain development services & solutions. We equip businesses with the most reliable and advanced Blockchain Solutions to secure a formidable position for our clients when the future unfolds.

Project Overview:

We're building the infrastructure for the open-internet. A resilient and credibly neutral network open to anyone without privilege or prejudice.

Project Deliverables:

In this project there are 3 entities are involved:

1. Member Panel
2. Admin Panel

We will cover the entire requirement into 3 Phases Below is the brief description of all the 3 phases with User and Admin features:

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Phase 1

In this phase we will cover following point:

User Module:

1. Sign Up
2. Login
3. My Profile
4. Deploy a New Contract
5. Referral
6. Network
 - a. 3 Tier
7. User Interaction:
 - a. Adding New Owner
 - b. Remove a existing Owner
 - c. Request to send Token
 - d. Request to send VIP Token
 - e. Payment Management:
 - i. Authorization
 - ii. Rejection
8. All Email Template

Phase 2

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In this phase we will cover the following points:

1. Multi Signature Wallet Management:

For Wallet Management we will use the API of VeChain:

<https://docs.vechain.org/sync2/user-guide/wallet.html>

Why VeChain?

VeChain organizes our wallet address and manages all the assets in one place.

The VeChain helps in Managing:

Wallet List

New Wallet

Backup Wallet

Rename Wallet

Delete Wallet

Wallet Address Management

- a. Ability to deploy new Multi Signature Contract ii
- b. Enable / Disable Multi Signature Contract
- c. Ability to Import existing Multi Signature Contract during Wallet creation
- d. Balance Overview

2. Transaction Management:

For transaction management we will use the API of Gnosis.

<https://docs.gnosischain.com/node/>

Why Gnosis?

Transaction fees are assessed for any Gnosis transactions such as sending xDai to another wallet or interacting with a smart contract. These fees are currently sent to the validator who seals the block in which the transactions take place (transaction fees are not split among pool participants, they are only received by the validator).

- a. Pending Request

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- b. Approve / Reject
 - c. Past Records
- 3. Owner Management:
 - a. List of all the Owners
 - b. Add /Edit New Owner
 - c. Remove Existing Owner
- 4. Pull Request: Sync2
 - a. A documented pull request is provided to the official wallet
- 5. Deployment Management:
 - a. Web version on custom website
 - b. Deployment Records
- 6. Help & Support
- 7. Log Out

Phase 3

In this phase we will cover the entire Admin section:

- 1. Login
- 2. Dashboard
- 3. Token Management

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4. User Management
5. Owner Management
6. Income Management
7. Reward Management System
8. Transaction Management
9. Pull Request: To Sync2
10. Web Deployment Management
11. Help & Support
12. Log Out

Team :

Sr No	Resource	Engagement	Month
1	Project Manager	Part Time	4.5
2	Sr Backend Developer	Full time	3
3	Sr Front-End Developer	Full Time	3
4	Graphics Designer	Full time	2
5	Tester	Full Time	4
6	Block Chain Developer	Full Time	3
7	Server Guy	Part Time	4

Technology Stack:

1. Front End: HTML / CSS / JS / React JS / JQuery /
2. Back End: Node JS
3. IDE: Visual Studio / Remix
4. Database: MySQL

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5. Repository: GitHub
6. Smart Contract: Solidity (ERC721)
7. QA: Manual Testing
8. Bug Tracking : jira

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