One page High level Business requirement for

Blockchain wallet + SDK + exchange gateway/center

Blockchain + smart contract + no mining mechanism **(there is no such no mining solution for blockchain base solution, need proof of something to consensus the result)**

* **Blockchain Ledger:** (A , B ,C option choose one, no distribution mining)

A: Proof of stake (stake mining needed, but need 51% distribution asset for defending 51% attack )

B: Token of Ethereum (cost by each transaction base, ETH itself is a PoW mining base)

C: Proof of work by merging mining (AuxPow) (you hold 100% asset not extra distribution cost, and pay monthly maintenance by service company)

**provided features:**

1. Wallet for Windows
2. Wallet for Mac
3. Wallet for Linux UI
4. Wallet for Linux Daemon
5. Wallet for Android
6. Wallet for iOS
7. Block explorer for the crypto asset
8. Blockchain RPC API
9. Docker deployed Blockchain node to provide one point API access
10. API for create leger account
11. API for checking balance
12. API for create transactions
13. API for blockchain status
14. Fork of Bitcoin base (Pow,Pos, AuxPow)
15. Fork of Ethereum base (PoW mining)
16. Fork of Ethereum Token (each TX cost)
17. Fork of NXT (at least 6 month development)
18. Complete own Blockchain solution (at least 1 year with full team)
19. Exchange platform compatible
20. Targeting time period adjustable
21. Algorithm selectable
22. on-chain + off-chain solution
23. SegWit Solution

**------------------- The following - I modify a little bit, in which is nothing about blockchain- Alamusi could do the best job than me --------------------------**

* **Point Exchange Platform** - front end (client/admin) [non-blockchain]

1. Allow user to deposit money and exchange into points

2. Allow user to send points to another user

3. Allow users to bind credit card/debit card into wallet

4. Allow user/corporate to transfer points to cash and deposit back to debit card

5. Allow user to register account and update personal information

6. Allow user to upload ID information (ID pictures and ID cards numbers) along with private information

7. Allow user to use cell Phone number/Email account to login

8. Allow corporation wallet + only corporation ID verification

9. Any exchange between Corporation wallet and user are encrypted.

10. Allow user/corporation to generate API keys

1. Allow user to exchange points for BitCoins

2. Allow user to spend points for goods or services

3. Allow admin to access and control exchange rate via GUI.

4. Allow admin to access/update user information via GUI.

5. Allow admin to view transaction information via GUI.

6. Allow batch run on miss/overloaded process?

7. Must support cloud deployment

8. Must support failover transaction?

**-Exchange platform SDK**

1.SDK/API to allow points transactions between trusted nodes

2.SDK/API to login with encrypted connection/SSL/pw

3.SDK/API to remote upload/update information

4. SDK/API to accept tokenize object for transactions

**-Security**

1. Data integrity
2. Able to defence DDOS attacks since could scale the point of exchange in several location
3. professional solution to prevent 51% for blockchain ledge attack
4. Blockchain cryptography increase the to 256 bit encryption
5. Blockchain base to prevent any future updates