ROLE +BS +BN

+XNV

Node

publicKey: string rivateKey: string : ROLE

Transaction

XRAY

- +MS
- +So
- +ThoiGian
- +ChuanDoan
- +YeuCauChup
- +KetQuaChup

Hematology

- +MS
- +Loai
- +ChuanDoan +SoLuongHC
- +HuyetSacTo
- +Hematocrit
- +MCV
- +MCH
- +MCHC
- +HCCoNhan
- +HCLuoi
- +SLTieuCau +KSVSotRet
- +SLBC
- +TPBC
- +DoanTrungTinh
- +DoanUaAxit +DoanUaBazo
- +Mono
- +Lympho +TeBaoBT
- +MauLang
- +TGMauChay +TGMauDong
- +HeABO
- +HeRh

DataEncryption

+obtainPublicKey()

+static void createTable()

+static void createContract()

+static String obtainOnChainData()

+String dataEncryption(String publickey, Object Data)

OnChainOffChain

+static void storeOnChainData(attribute, ciphertext)

+GiaoDich dataDecryption(String privatekey, String cyphertext)

HashIntegrity

+bool obtainFileHash(String filePatch, String hashVaule)

MultiAuthorities

- +void initial(List authority, int threshold)
- +void applyAgreeRequest(string request)
- +void agreeSignature(bool agree)
- +bool agreeResult()
- +void initialAgree()
- +void pre_agree() +void cancelAgree()

SampleContract



- +authority: List_Node
- +owner: String
- +void embeddedPermission(List_Node temAuthority)

embeddedPermission

- +void changeAuthority(List_Node temAuthority)
- +bool permission(Node node)

KeyGeneration

+Node Generate()

XRAYPicture

+String filePath

+byte32 file

- +String hashValue
- +XRAYPicture(String filepath, String hashvalue)
- +byte32 getFile()
- +void setFile(String filepath)

FileComparison

+bool Compare(String filepath, string hashvalue)