HIGH LEVEL DESIGN DOCUMENT OF DIGITAL SIGNATURES FOR MOBILE USERS (Client)

Controller

Controller classes

1. TrustCodeVerification

2. SignatureCreationOfInitiator

3. SignatureCreationOfCoSigner

4. UserRegistration

5. CertificateCreation

6. DocumentController

Controller Interface

1. SocketStringConstants

Socket classes

1. ListenFromServer
2. SocketManager
3. SocketMessageType
4. SocketMessage
5. SignatureCreationRequest
6. Request
7. KeysValidationRequest
8. FileUploadRequest
9. CosignerValidationRequest
10. CertificateCreationRequest

Socket Interfaces

1. ConnectionListener

2. ResponseListener

3. UICallback

Model

Business classes

1. SignatureManager

Bean classes

1. UserBean

2. DocumentBean

3. DigitalSignatureBean

Classes that define datatypes

1. Address

2. CertificateId

3. EmailAddress

4. PhoneNumber

5. RevocationId

6. Row

7. RSAKeyPair

8. SignatureFile

9. TrustCode

10. UserId

Exception classes

1. DatabaseException

2. InvalidInputException

Util classes

1. BCRSAPrivateCrtKey

2. BCRSAPrivateKey

3. BCRSAPublicKey

4. BigIntegerMath

5. DigSigMobClientUtils

6. PrimeGenerator

7. RSA

View

UI classes

1. CertificateRegistration

2. CoSigner

3. DigSigProgressBar

4. Home

5. Message

6. Registration

7. UIUtil