

Mobile Computing

Assignment 1 Registration and Signatures

Registration

First operation between the customer app the Acme Café server (using WiFi and HTTP)



Customer

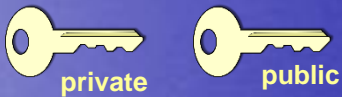
Acme Café
Server



REST
Service

generation

RSA-512
keypair



certificate



keystore

customer/payment info

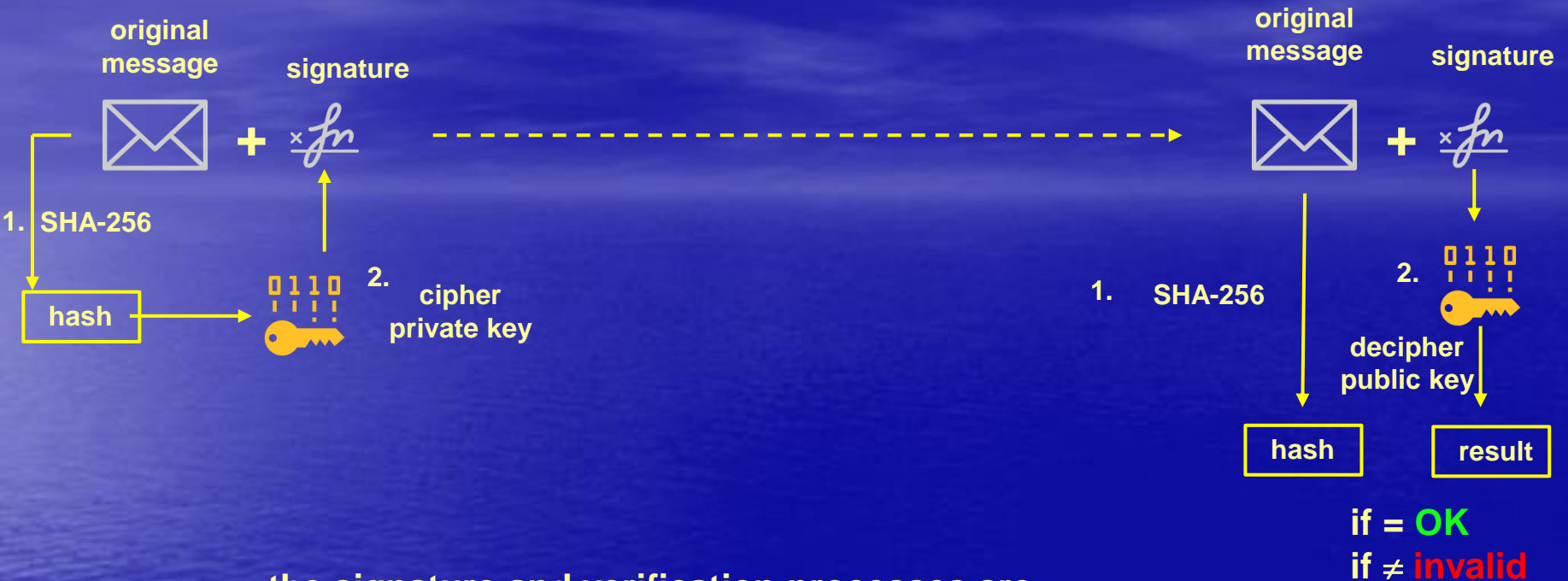
database
store

generation

Customer ID
(UUID)

stored

Signature



the signature and verification processes are implemented in cryptography libraries