Computer and Network Security (COMP 6370) Project Report

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# Design and Implementation

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## Basic UDP

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### Alice

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### Bob

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## Blowfish UDP

### Alice

##### readContract

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##### writeContract

...

##### createKey

...

##### sendKey

...

##### encrypt

...

##### sendMsg

...

##### recvMsg

...

##### decrypt

...

##### verifySig

...

### Bob

##### recvKey

...

##### sendKeyConfirm

...

##### recvMsg

...

##### sendMsg

...

##### encrypt

...

##### decrypt

...

##### sign

...

### Blowfish

##### constructor

...

##### encryptHelper

...

##### decryptHelper

...

##### encrypt

...

##### decrypt

...

# Issues

### Bytes in Java

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### Character Sets and Bytes

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# Results

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