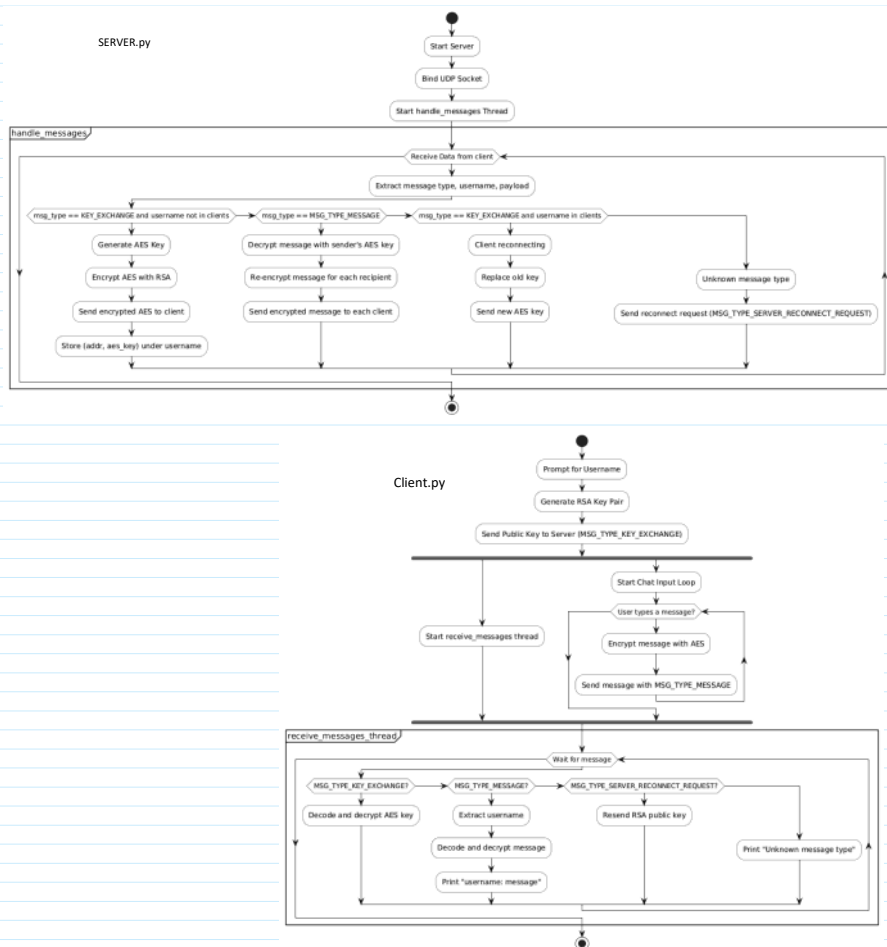


AI GENERATED BASED ON CODE



PACKET FRAMING

Client → Server (Incoming Message)

pprof

1 byte	32 bytes (padded str)	variable length
Message Type	Client Username	Encrypted Payload
MSG_TYPE_*	json.dumps({})	base64(AES(iv + data))

Server → Client (Outgoing Message)

pprof

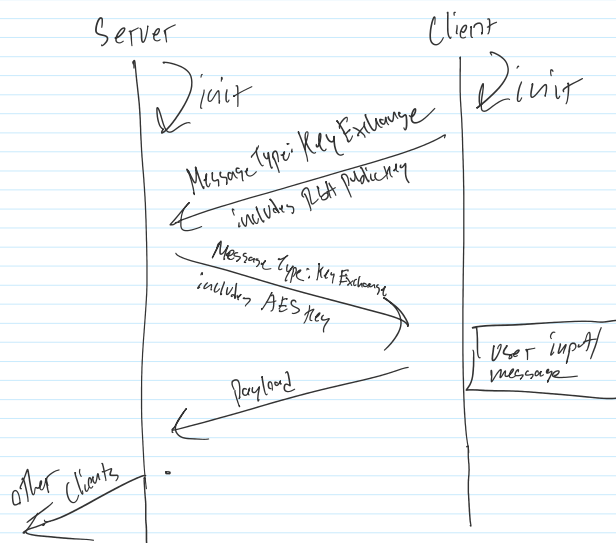
1 byte	32 bytes (padded str)	variable length
Message Type	Sender Username	Encrypted Payload
MSG_TYPE_*	sender.json.dumps({})	base64(AES(iv + message))

Special Server Message: Reconnect Request

json

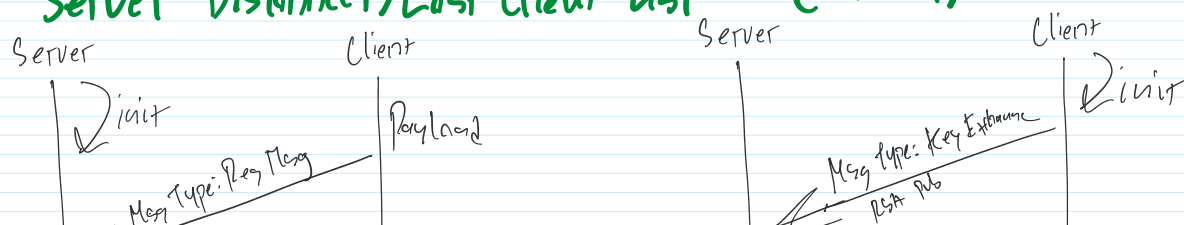
1 byte
MSG_TYPE_SERVER_RECONNECT_REQUEST (0x01)

Ideal

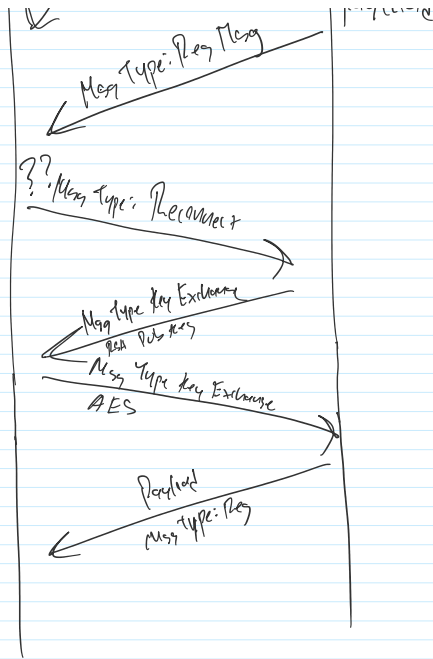


Server Disconnect / Lost Client List

Client D/C



Other Clients
↙



Other Clients
↙

