AS

list symm_keys_clients (id of client should also be stored)

service_request(idc,serviceType)->acc to the request type will send ticket to either ts or ca

Timestamping

symm_key_auth
id
private_key
public_key

recieve_request(idc, ticket,request)

main()->0.init()setup the keys between all the classes(create 2 clients)

CA

symm_key_auth
public_key_list(store with id)
id

recieve_request(idc, ticket,request)

Client

symm_key_auth
id
timestamped_doc

2.send_request_as(serviceType)
5.send_doc()->timestamped doc
4.request_doc()
1. start()->will take the pdf doc and start the whole process
3.request_ts(ticket_from_as)
7.request_ca(ticket_from_as)
6.verify_sign()

DES

generate_key()