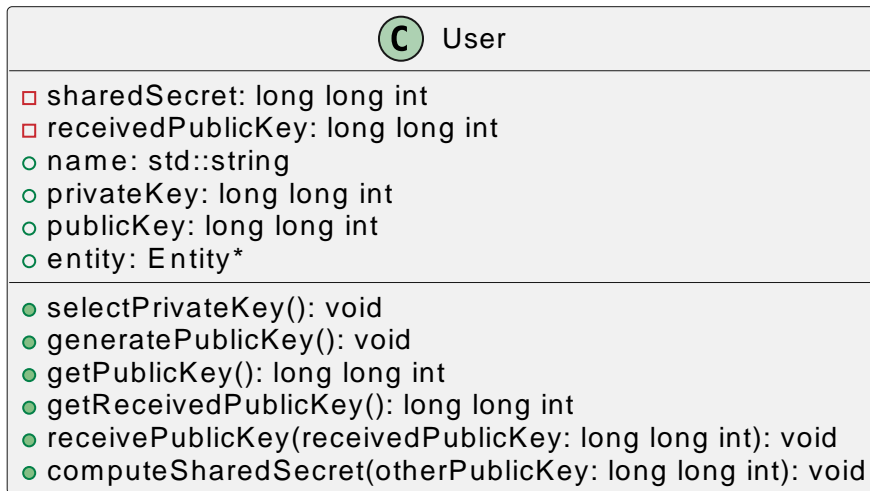


Class Diagram for Diffie-Hellman Key Generation



uses

Class: Entity

- Attributes:
 - prime_modulus: long long int
 - primitive_root: long long int
- Operations:
 - computePublicKey(private_key: long long int): long long int
 - computeSharedSecret(publicKey: long long int, private_key: long long int): long long int
 - modExpression(base: long long int, exponent: long long int, mod: long long int): long long int