DSA Class Diagram:

Sender	Receiver
+ start; int	+ p: int
+ stop: int	+ q: int
+ q: int	+ g: int
+ p: int	+ y: int
+ g: int	+ msg: String
+ x: int	+ s: int
+ h: int	+ r: int
+ y: int	+ w: int
+ msg: String	+ u1: int
+ H: String	+ u2: int
+ s: int	+ v: int
+ r: int	
	+ socket(): socket obj
+ isprime(): int	+ connect()
+ random.randint(): int	+ recv()
+ hashlib.md5().digest(): String	+ hashlib.md5().digest(): String
+ socket(): socket obj	+ random.randint(): int
+ bind()	
+ listen()	
+ accept()	
+ send()	

DSA Use Case Diagram:

