getStorageKey(username, storagePassword)

Bcrypt(text = username,
salt = secret)

PBKDF2(password, salt)

ActivityFinal
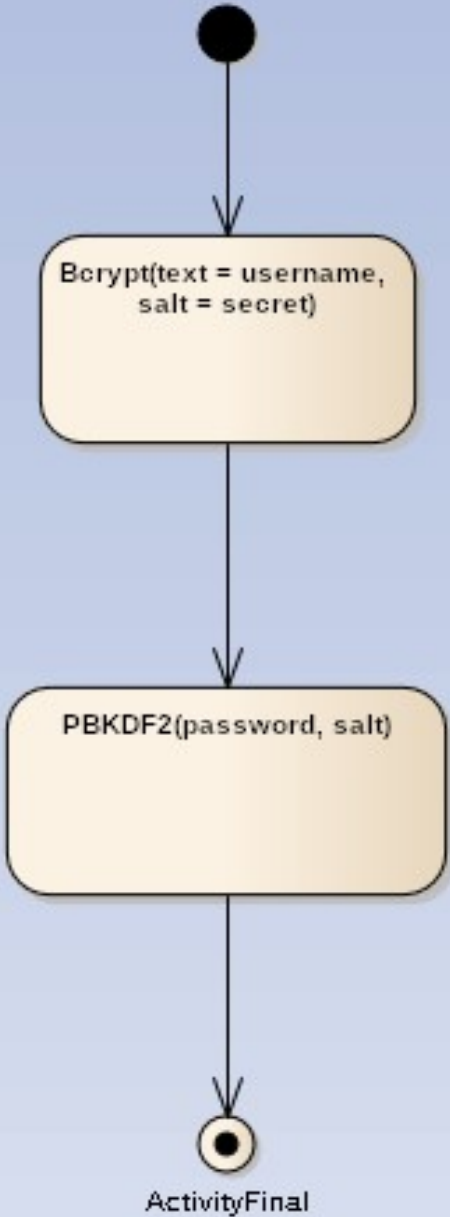
createFuturePasswords(username, storageKey)

GenerateRandomBytes(64)

futurePassword

futurePassword

AES.encode(futurePassword, storageKey)

saveFuturePassword(futurePassword,
storageKey)