## Private Messenger **Proccess Flowchart** @ Sony Wijaya false Initialize & display · input.py shareInfo() user input window login(self) (tkinter GUI) user name true User 1 or write public user 1 -User 2 key e and n messenger.py +user 2 Initialize self.key = generator.get calculate n generator.getE generator.get window (GUI) D(self.z, self.e) (self.n, self.z) and z write public pygame.init() User\_1.txt key e and n — exit mouse input shareInfo() menu() User\_2.txt chat chat.py Initialize & self.fetchMsg show self.fetchMsg display self.send() self.send() decrypte window d msg (tkinter GUI) User 1 or user 1 🔷 get public key user 1get array of User 2 (e and n) from encrypted receiver txt text (as user 2 number) uer 2 get public key get array of (e and n) from encrypted Info\_2.txt receiver txt Storage\_1.txt number) Info\_1.txt translator.enci translator.decr ypt(pubE, Stroage\_2.txt ypt(self.d, pubN, self.n, msg) self.messageV ar.get()) translator.encr translator.decr ypt(pubE, ypt(self.d, pubN, self.n, msg) self.messageV ar.get())