Group 4
CECS 575

Assignment 4: Behavioral Pattern: - Memento

Date: 04/24/22

 The design of chat messaging will necessitate users to have the backup of their data on the private server for which we will be utilizing the memento design pattern as by its definitions we can understand that memento is a behavioral design pattern that allows us to save and restore an object's prior state without revealing the implementation details. In Accord (chat messaging application) the private server backup will be maintained by memento where it keeps the entire copies of an object's state, including private fields, stores them separately from the object. Also, the other benefitting feature of this design pattern is that each individual object creates backup of their own so that no other external or local objects can read that backup making that more secure and less complex.