CSE 8313
Assignment 3 and Readings for Quiz 3
Due: Session 3

GROUP:
Submit single report with:
- UML diagrams / source code / tests / results of tests

Please do not change the OCSF Framework. As long as there is a standard way to communicate between clients and servers, clients from different teams will be able to run (and test) different servers.

A. Code Chat Phase [Group Project]
- In class, your group developed requirements and use cases for features to be added to the chat system (phase 3).
- Implement the specified requirements as in:
  - E80: Implementation of requirements reviewed (in class) in E79
- Divide responsibilities within your group for implementation and testing.

Individual:
Select B or C.

B. UML Class Diagram Solution of E12
- E105. Based on E102 done in class, use a UML tool of you choice to build a complete class diagram with associations, attributes and generalizations.

C. More Airline Reservation: study requirements and try: (ch 5)
- Use a UML tool of your choice to show classes, attributes and generalizations for three of the seven extensions listed in E110
- E111: add responsibilities & operations to the three extensions selected above

D. OCL
- E98: write OCL constraints (a) can’t die before born (b) date of marriage precedes divorce data

E. Extra Credit:
UML tools: prepare a comparison report on capabilities and ease of use for several different UML tools.

Submit:
- hardcopy of part A in class, session 3
- zip file of B-D to blackboard

Reading for Quiz 3 in Session 3
- Lethbridge chaps: 6,7,8
- Douglass: chaps 7-8