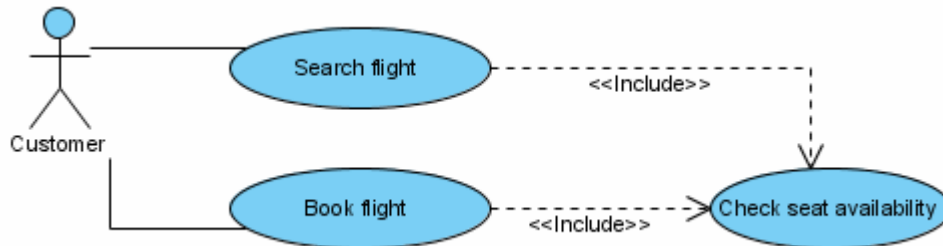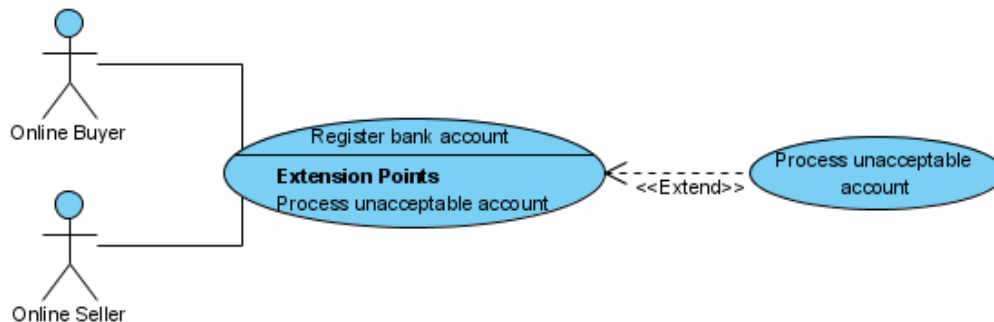**In-Class Exercises on <<Include>> and <<Extend>>**

- Consider an online flight booking system. A user will search for an available flight time and book the flight if desired. The user will be able to check if there is any seat available, either when searching or booking a flight.
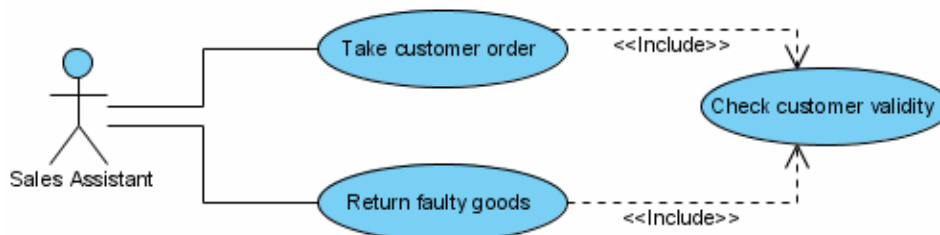[INCLUDE]

- Consider an online selling / buying website. The website requires the seller and buyer to register their bank account information. A separate process will be called if the bank account is suspended / unavailable / illegitimate.
[EXTEND]

- Consider a Shop Sales System. A sales assistant uses the system to process / record requests of both customer order and faulty goods return. Both processes will need to identify the customer first.
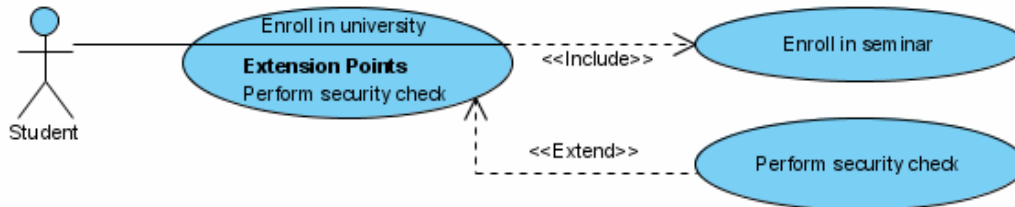[INCLUDE]

- As part of an online flight booking system, the customer may have the option to upgrade their seat (e.g. economy to business class) when making flight booking. [EXTEND]
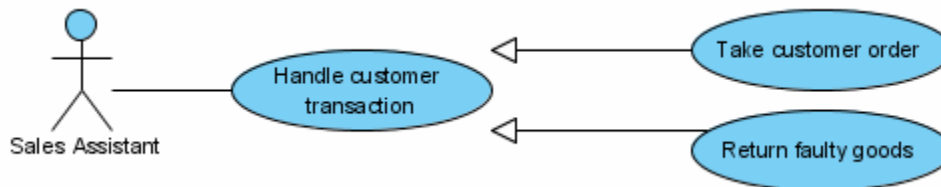

- As part of a Student management system, a student who enrolls in a university will automatically be enrolled in seminars provided by the university, but a security check will be performed if the request to enroll in university is invoked for a new student. [INCLUDE AND EXTEND]
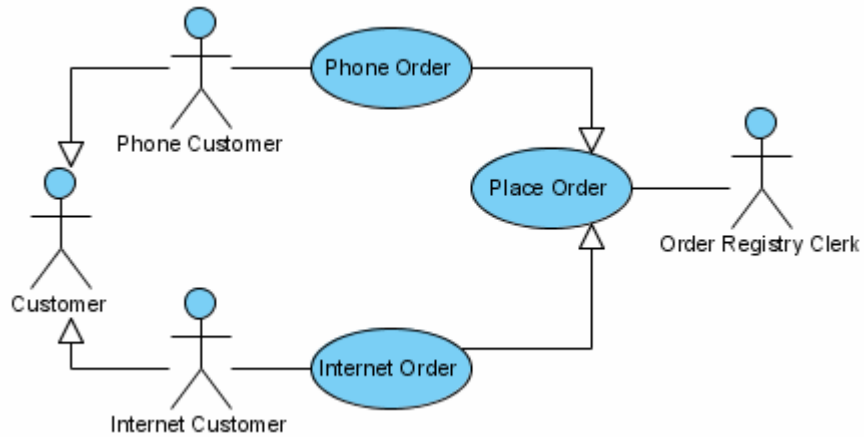

In-Class Exercises on Generalization

- Consider the Manufacturing Sales System again. The admin or sales officer is required to manage customer goods orderings and requests to return faulty goods. How do you generalize both these use cases into one base case?

- An order management system accepts ordering of product by phone or internet. Write the generalization for this, where that base use case will be used by the order registry clerk.

- To ensure the validity of user of a high security system, 3 behaviors are required to be done on behalf of the user: Password checking, fingerprint scan and retinal scan. Generalize this.