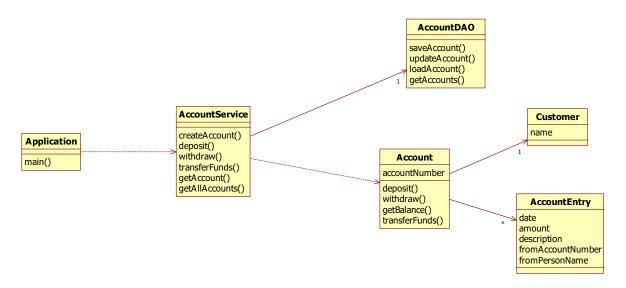
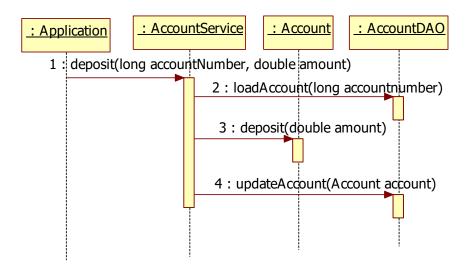
Part 1: Given is the following bank application:





- a. Write an abstract factory class with the following functionality:
 - 1. For testing, we want to use a MockAccountDAO and a MockEmailSender
 - 2. For production we use the AccountDAO and en EmailSender class
 - 3. We specify the environment (production or test) in config.properties file.

b. Builder pattern

Modify the code so that we use a Builder to create the AccountEntry objects

c. Singleton pattern

Modify the code so that the EmailSender is a singleton that is thread safe

Part 2:

See attached lab 9 part 2.