Example 1:

Mother and father can both Cook for dinner. Mother Cook knows how to Cook Spaghetti while Father Cook knows how to Cook Lasagna and Cook Chinese food. Sketch a Use Case diagram to depict this scenario. Hint: Make use of the generalisation technique.

Example 2:

In a school grading system, a teacher can record and update grades. Recording grades includes saving them while updating grades includes loading and saving the grades. The system administrator can generate report cards however these are distributed by a teacher. A teacher, and administrator and a student can view grades, which includes logging in the system. Sketch a Use Case diagram to depict this scenario. Hint: Make use of the uses relationship.

Example 3:

One of the tasks that an insurance company is required to do is that of notifying their clients to either renew a policy or else to sell new policies. This can be seen as a subsystem of an insurance company. Draw a use case diagram to include the following requirements of this insurance sub system:

- To notify the insurance company system of all sales.
- To receive notifications of new policies and the criteria that enable them to be matched to members’ needs from the insurance company system.
- To receive notifications of premium changes from the insurance company system.
- To generate on a weekly basis renewal notices for all policies one month before they are due for renewal. (These will be mailed out to the policy holders).
- To renew a policy.
- To notify the insurance company system of all renewals.
- To calculate the insurance premium for the recommendations, sales and renewal notices.

Hint: Make use of both the uses and extend relationships.

[Question adapted from: Bennett S, Skelton J, Lunn K., UML, Schaum’s Outlines, 2005]