CS335 Data modelling Tutorial:

Class Diagram with StarUML

1. Create an empty class diagram.

   Right click on **analysisModel** in **Model Explorer**, select **Add Diagram** and then chose **Class diagram**.
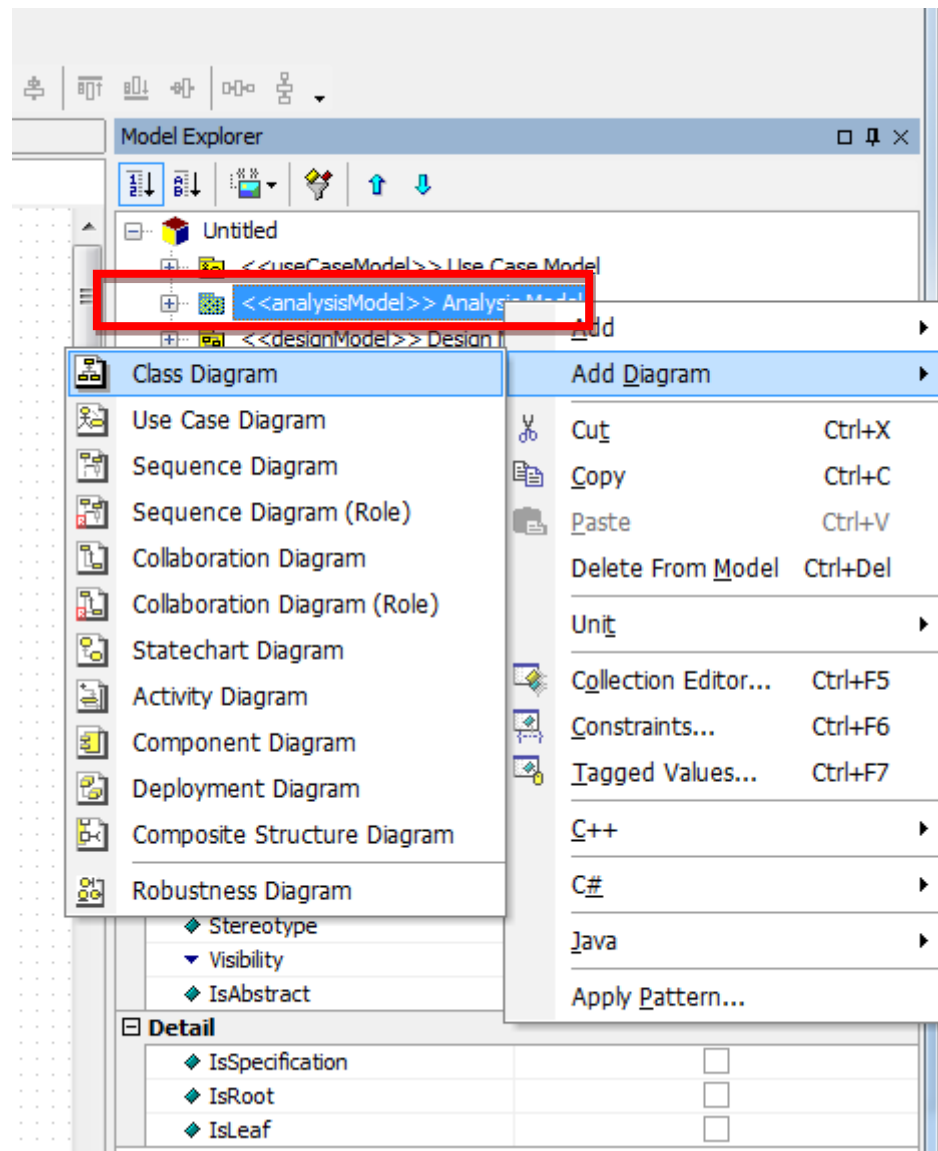

Fig.1 Create a class diagram in StarUML

2. Add a class to the diagram.

   Select **Class** icon from the tool box and click in the white area in the diagram, then enter the class name.
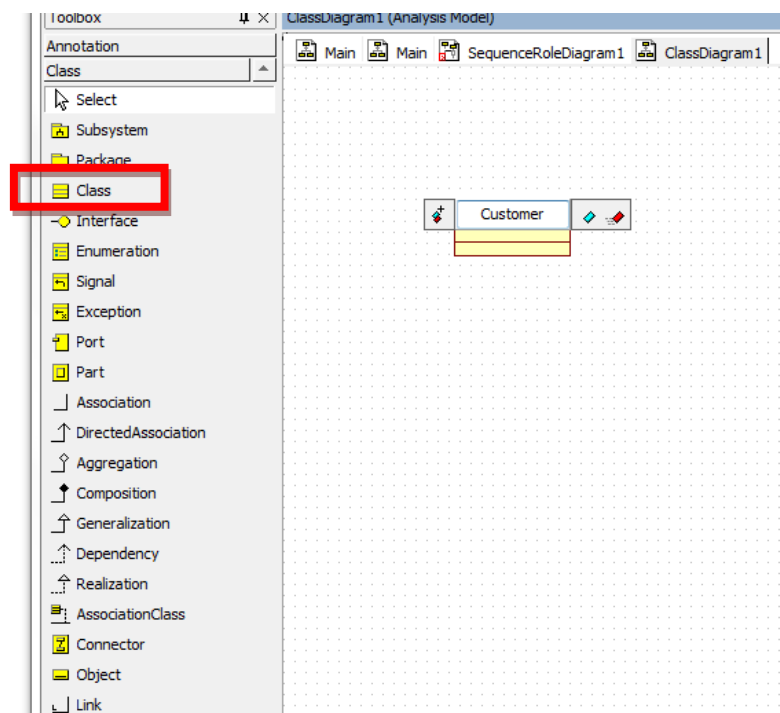

Fig.2 Add a class to the diagram

3. Add attributes to class.

   Click on the **blue rectangle** beside the class name, and then add an **attribute**.
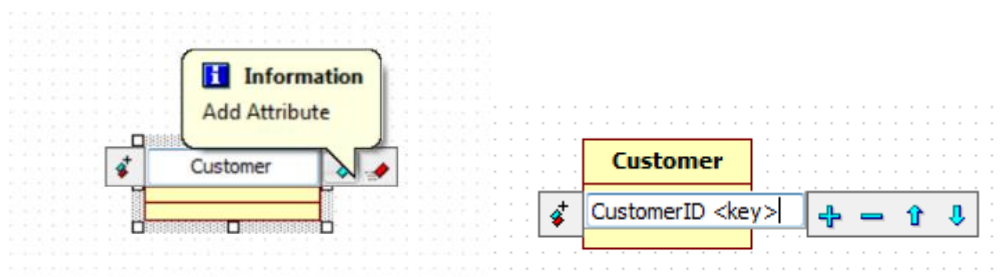

Fig.3 Add attributes to class

4. Add association and multiplicity.

   Select the suitable **association** from the **ToolBox**, double click at the end of the association to name the association, and chose **multiplicity** from the popup menu.
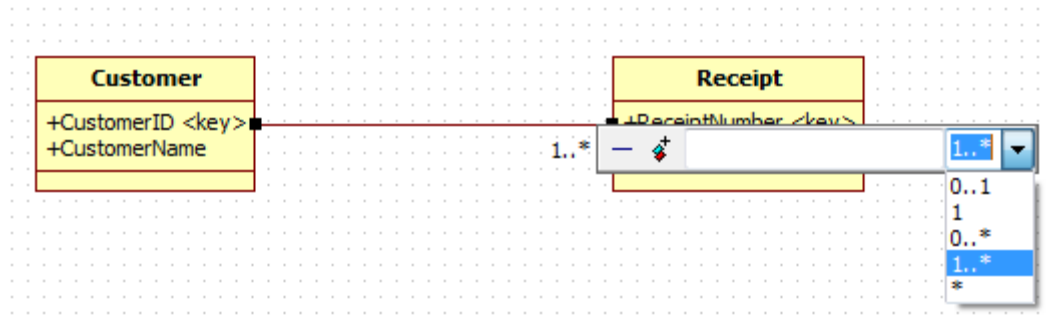

Fig.4 Add association and multiplicity

5. Add association class.

   To indicate a target class is the *association class* of a specific association, select **association class** from the **Toolbox**, link the target class with the specific association.
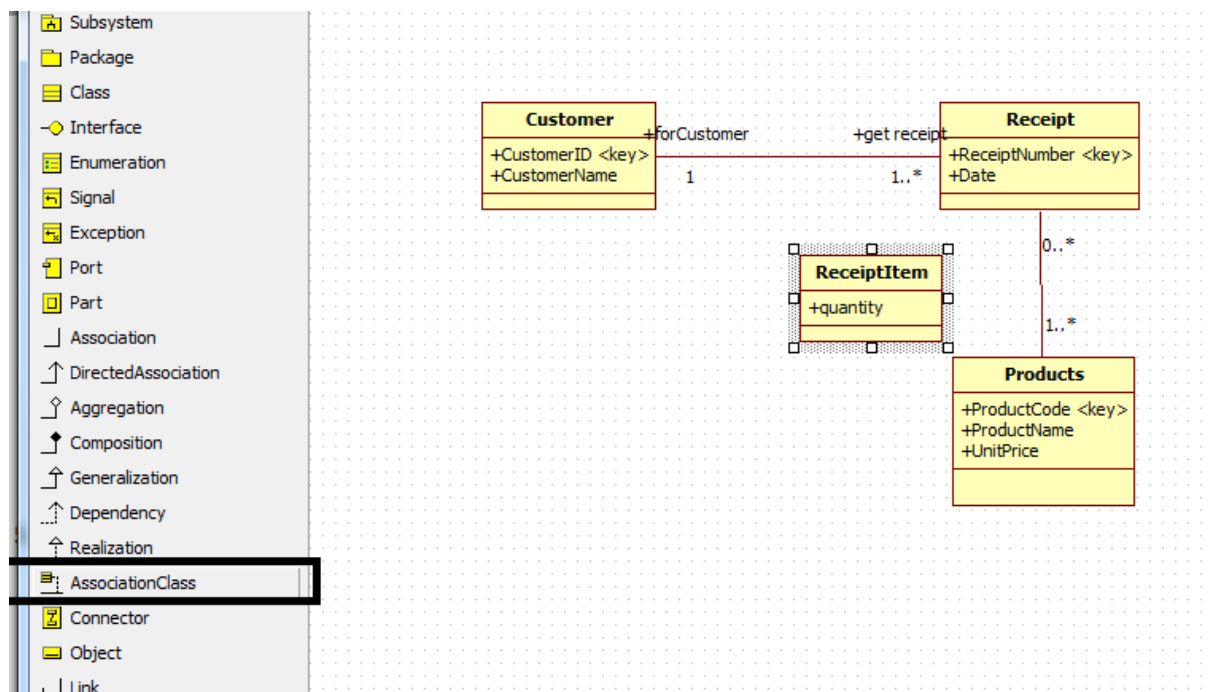

Fig.5 Add association class
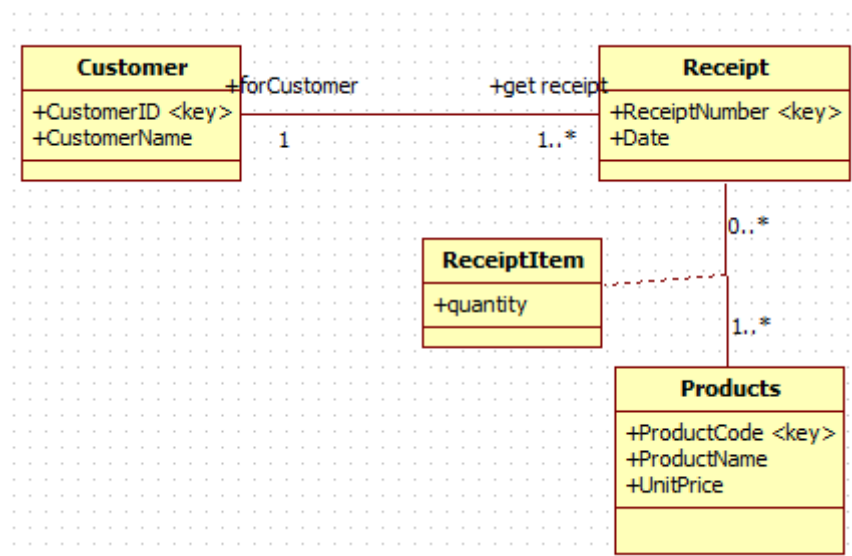
6. When finished, click on **File → Save** to save your class diagram.

Fig.7 Example of class diagram in StarUML