Chapter 2 Exercises

Please complete the following assignments after your reading of Chapter 2

**Exercise  1**

Based on the illustration of an iPhone shown in Figure 2.4 (page # 46 of 5th edition textbook) , draw a system model  for an iPhone. Upload your diagram as file <Ch 2 Ex 1\_Your LastName> to Canvas. You may use the Microsoft Visio, or any other diagram’s software to draw  this diagram, or simply  use the pencil and paper. Take a picture and upload your file as jpg or PDF file. Please do not use any zip folders for this submission.

**Exercise 2**

Consider a home theatre system consisting of a television set, a receiver, a DVD player, speakers, and any other components you wish to include. Draw a system diagram for this system. Include both components and links. Answer to following questions next to your diagram. What are the inputs to this system? What are the outputs? (Remember that the DVD player and receiver are both components within the system). Now draw a system diagram for the receiver subsystem. Include both its primary components and the links between them. What are the inputs and outputs for the receiver subsystem?

Do these inputs and outputs confirm to the links connected to the receiver in your system diagram?

Upload your diagrams and all answers AS A SINGLE  file <Ch 2 Ex 2\_Your LastName> to Canvas. Please do not use any zip folders for this submission.