

## Lecture No: 6 Data Flow Diagram

### **Data flow diagram rules:**

- We have to use unique name for data store, process and data flow.
- We cannot move from store to another one without using process.
- We cannot move data from external part directly into store without using action or process.
- We cannot move data from store directly as output.
- When we give name to process we give it as verb.
- When we give name to data flow we give it as noun.
- When we give name to store we give it as verb.

### **Context diagram**

Is a diagram that used to show range and the boundary of the system, and how data flow through parts of system.

### **Level O diagram**

Is a major process, store and data flow of the system without any details.

### **Balance of DFD**

We can say Data Flow Diagram is balanced when we see the input and output of the first level same with the second level.

And if there is different between first and second then the diagram is not balanced.

1<sup>st</sup> example

