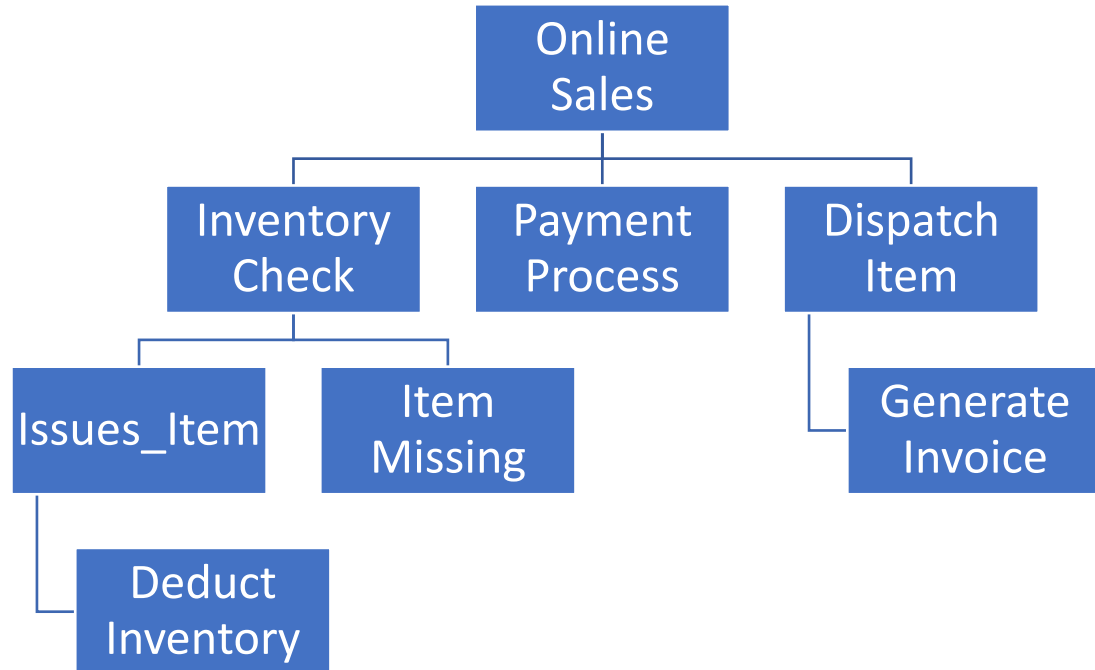
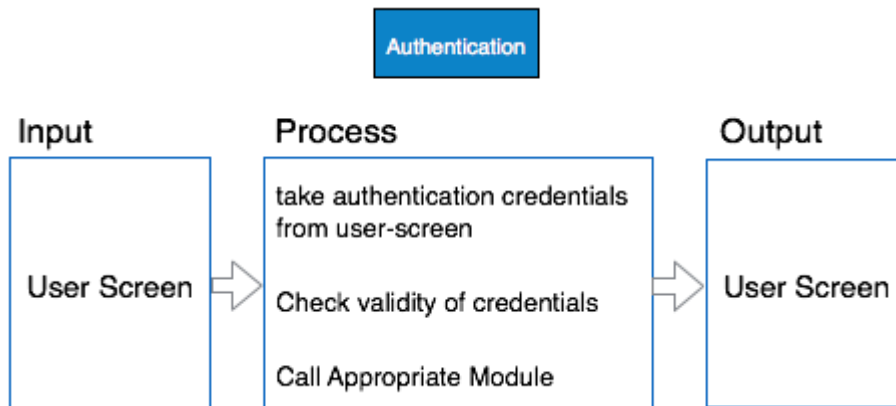


Hierarchy Input Process Output Diagram (HIPO)

1. Combination of two organized methods: Hierarchy diagram and input process output.
2. Used to analyze system and provide documentation.
3. Developed by IBM in 1970.
4. Represents Hierarchy of modules in the Software system.
5. Analyst used HIPO to obtain High-level view of system functions.
6. Decomposes functions into sub-functions in a hierarchical manner.

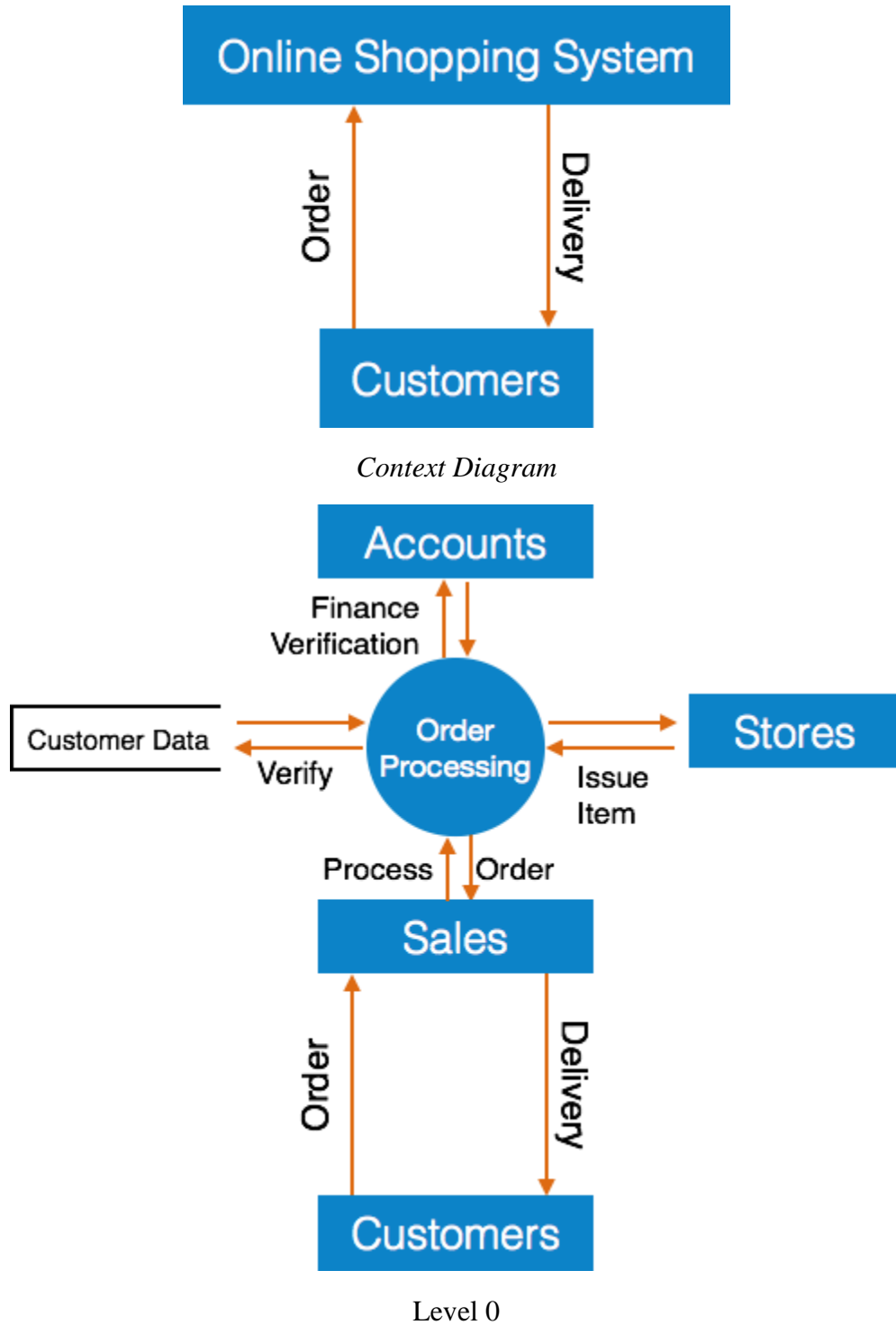


7. Good for documentation purpose.
8. Graphical representation makes easier for designers and managers to understand the pictorial idea of the system structures.

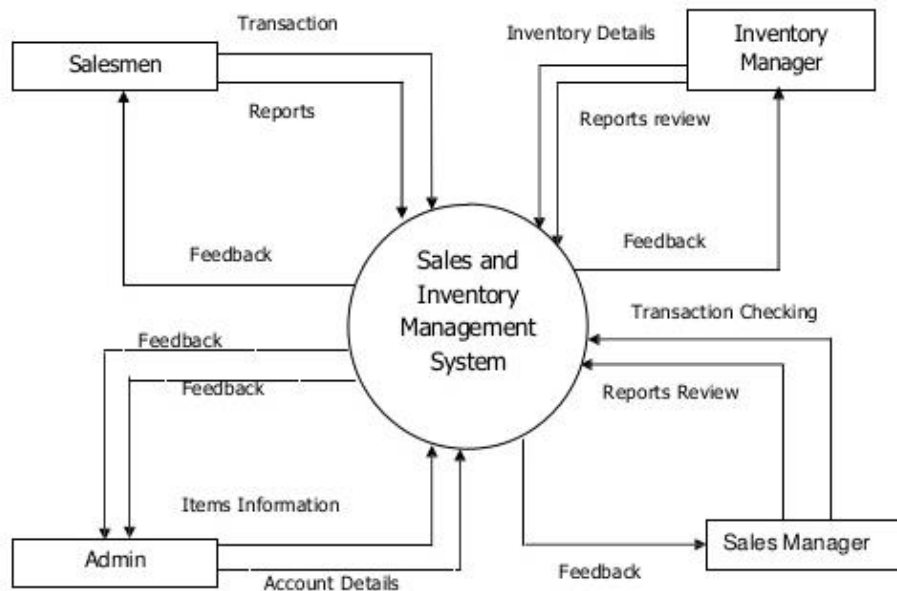


Data Flow Diagram

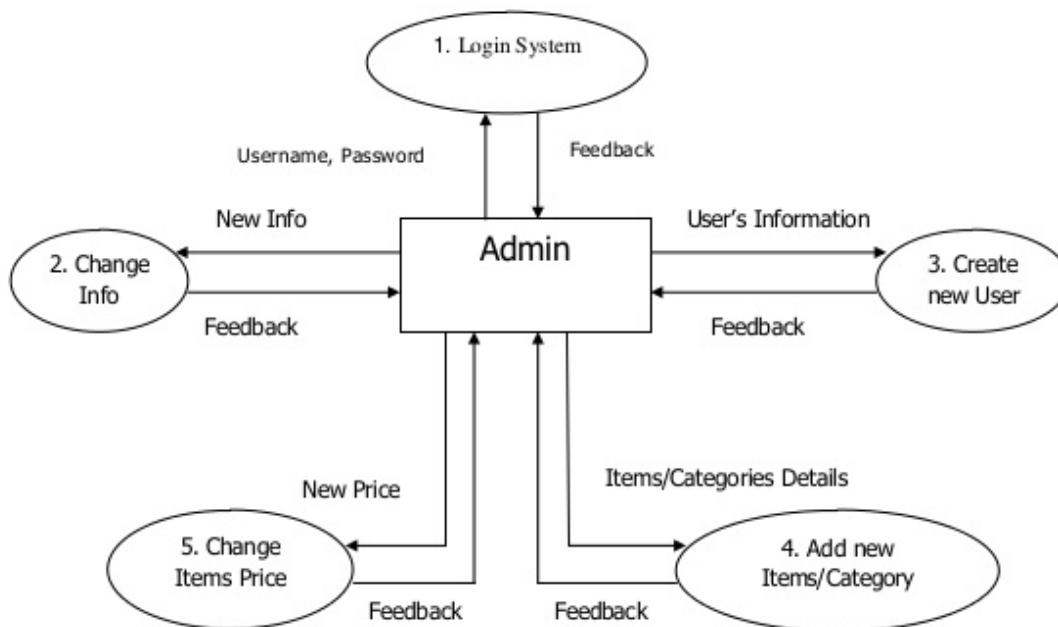
Example1: Online Shopping system



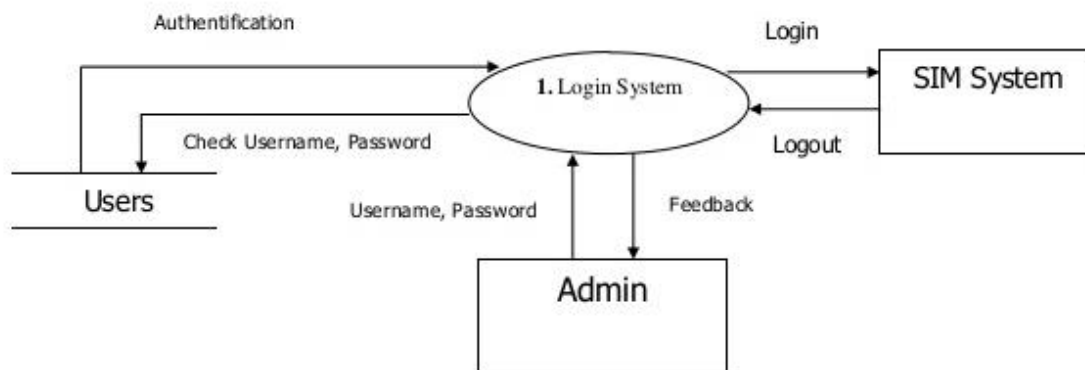
Example2: Inventory Management System:



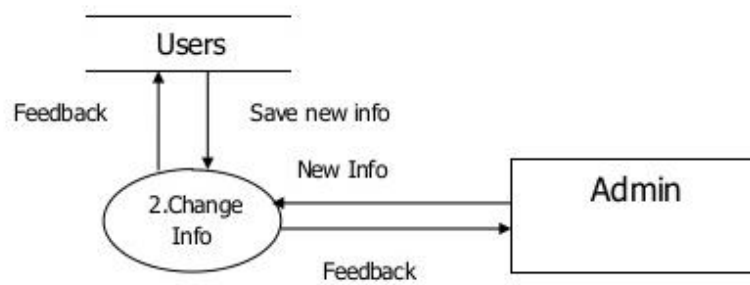
Context Diagram



Level 0



DFD Level 1.1 – Function Process : Login System



DFD Level 1.2 – Function Process : Change Information