**تمرین سری پنجم:** ارائه 3 نمودار سطح یک

**Level 1 Diagrams** In the same way that the context diagram deliberately hides some of the system’s complexity, so, too, does the level 0 DFD. The level 0 DFD shows only how the major high-level processes in the system interact. Each process on the level 0 DFD can be decomposed into a more explicit DFD, called a level 1 diagram, or level 1 DFD, which shows how it operates in greater detail. The DFD illustrated in Figure 5-1 is a level 1 DFD.

**Creating Level 1 Data Flow Diagrams (and Below)**

The team now begins to create lower-level DFDs for each process in the level 0 DFD that needs a level 1 DFD. Each one of the use cases is turned into its own DFD. The process for creating the level 1 DFDs is to take the steps as written on the use cases and convert them into a DFD in much the same way as for the level 0 DFD. Usually, each major step in the use case becomes a process on the level 1 DFD, with the inputs and outputs becoming the input and output data flows. Once again, however, sometimes subtle changes are required to go from the informal descriptions in the use case to the more formal process model, such as adding input data flows that were not included in the use case. And because the analysts are now starting to think more deeply about how the processes will be supported by an information system, they sometimes slightly change the use case steps to make the process easier to use.







