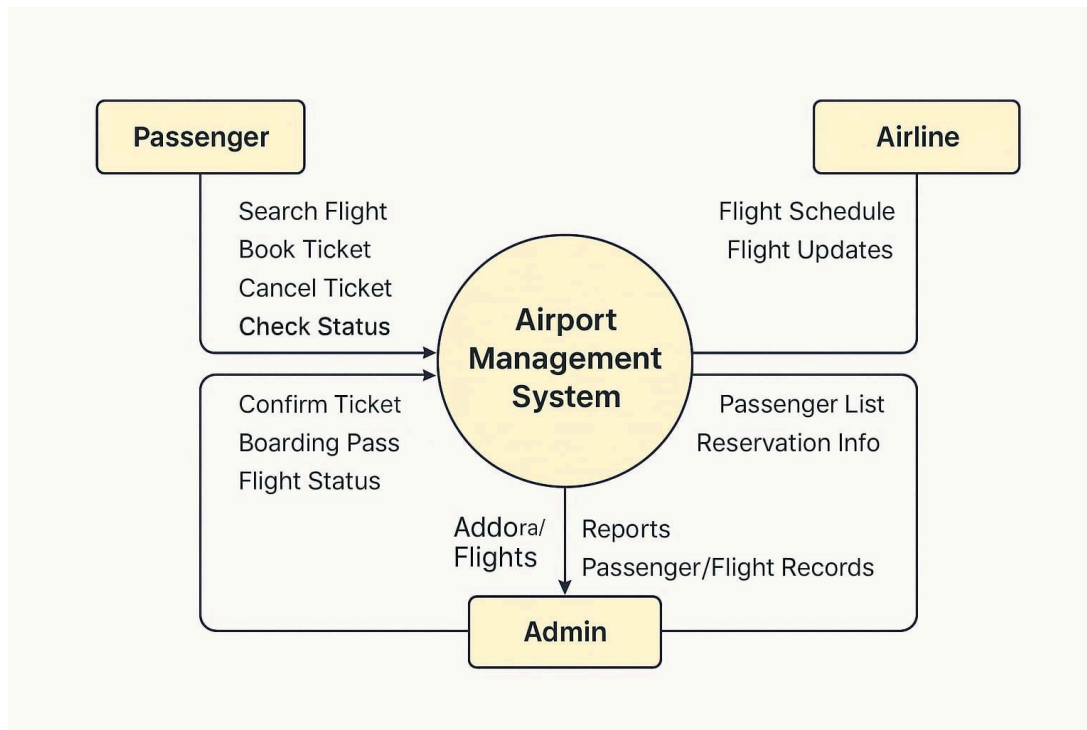# PROGRAM-5

AIM- To perform the function oriented diagram: Data Flow Diagram (DFD) and Structured chart.

THEORY-

Data Flow Diagrams (DFD) are used to represent the sequence of process steps and flow of information using a graphical representation or visual representation rather than a textual description. DFDs can range from simple overviews to complex, granular representations of a system or process with multiple levels, starting with level 0. The following are the three levels of DFDs:

1. Level 0 DFD:- : Also known as a "context diagram," this is the highest level and represents a very simple, top-level view of the system being represented. It shows the major processes, data flows, and data stores in the system, without providing any details about the internal workings of these processes. It is designed to be an at-a-glance view, showing the system as a single high-level process, with its relationship to external entities. It should be easily understood by a wide audience, including stakeholders, business analysts, data analysts, and developers.

2. Level 1 DFD: This level provides a more detailed breakout of pieces of the context level diagram. It breaks down the system's single process node into subprocesses. Each sub-process is depicted as a separate process on the level 1 DFD. The data flows and data stores associated with each sub-process are also shown.

1. Level-0

2. Level-1