Database – a collection of related data

Database Management System (DMS) – software that manages and controls access to the database

Database Application – a program that interacts with the database at some point in its execution

Database System – a collection of application programs that interact with the database along with the DBMS and the database itself

File-Based System – a Collection of application programs that perform services for the end-users, such as the production of reports. Each program defines and manages its own data.

Data Processing (DP) – storing and controlling own data

File – collection of records which contains logically related data

Each record contains fields, where each field represents some characteristic of the real-world object that is being modeled.