Information Management

Information Management System (IMS)

- General term for software systems designed to facilitate the storage, organization, and retrieval of information

- Sometimes used synonymously with Database Management System (DBMS)

- Data is stored in a variety of formats

- Makes it easier to access stored information

Steps when designing a database

- Requirements collection and analysis

- Conceptual design

- Choose a DBMS

- Logical Design

- Physical Design

- Implementation

IMS/DBSMS vs RDBMS

Information Management System (IMS)

Database Management System (DBMS)

- Data is generally stored in either a hierachical or navigational form

Relationship Database Management System (RDBMS)

- Data is stored in the form of tables.

- Is a special type of DBMS, which is based on a relational model