

Introduction

DBMS (Database Management System) is a software system that allows you to define, create, maintain, and manipulate databases. It acts as an intermediary between the user and the database, enabling users to store, modify, and retrieve data in a structured and controlled way.

DBMS is a powerful tool for managing and utilizing data, enabling efficient and organized data storage and retrieval.

A DBMS provides various features and functions, including:

1. **Data Definition:**
Define the structure and relationships of the data.
2. **Data Storage:**
Store and manage large amounts of data.
3. **Data Manipulation:**
Insert, update, and delete data.
4. **Data Retrieval:**
Query and retrieve specific data.
5. **Data Security:**
Control access and enforce security measures.
6. **Data Integrity:**
Ensure data consistency and accuracy.
7. **Data Recovery:**
Restore data in case of failures or errors.