

Application and Uses of Database Management System (DBMS)

Due the evolution of Database management system, companies are getting more from their work because they can keep records of everything. Also it makes them faster to search information and records about any people or product that makes them more effective in work. So here we are sharing some of the applications and **uses of database management system (DBMS)**.

Railway Reservation System

Database is required to keep record of ticket booking, train's departure and arrival status. Also if trains get late then people get to know it through database update.

Library Management System

There are thousands of books in the library so it is very difficult to keep record of all the books in a copy or register. So DBMS used to maintain all the information relate to book issue dates, name of the book, author and availability of the book.

Banking

We make thousands of transactions through banks daily and we can do this without going to the bank. So how banking has become so easy that by sitting at home we can send or get money through banks. That is all possible just because of DBMS that manages all the bank transactions.

Universities and colleges

Examinations are done online today and universities and colleges maintain all these records through DBMS. Student's registrations details, results, courses and grades all the information are stored in database.

Credit card transactions

For purchase of credit cards and all the other transactions are made possible only by DBMS. A credit card holder knows the importance of their information that all are secured through DBMS.

Social Media Sites

We all are on social media websites to share our views and connect with our friends. Daily millions of users signed up for these social media accounts like facebook, twitter, pinterest and Google plus. But how all the information of users are stored and how we become able to connect to other people, yes this all because DBMS.

Telecommunications

Any telecommunication company cannot even think about their business

without DBMS. DBMS is must for these companies to store the call details and monthly post paid bills.

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Finance

Those days have gone far when information related to money was stored in registers and files. Today the time has totally changed because there are lots of things to do with finance like storing sales, holding information and finance statement management etc.

Military

Military keeps records of millions of soldiers and it has millions of files that should be kept secured and safe. As DBMS provides a big security assurance to the military information so it is widely used in militaries. One can easily search for all the information about anyone within seconds with the help of DBMS.

Online Shopping

Online shopping has become a big trend of these days. No one wants to go to shops and waste his time. Everyone wants to shop from home. So all these products are added and sold only with the help of DBMS. Purchase information, invoice bills and payment, all of these are done with the help of DBMS.

Human Resource Management

Big firms have many workers working under them. Human resource management department keeps records of each employee's salary, tax and work through DBMS.

Manufacturing

Manufacturing companies make products and sales them on the daily basis. To keep records of all the details about the products like quantity, bills, purchase, supply chain management, DBMS is used.

Airline Reservation system

Same as railway reservation system, airline also needs DBMS to keep records of flights arrival, departure and delay status.