**Assignment 2**

**2. What do you understand about DBMS? Identify its advantages and disadvantages ?**

A Database management system is a computerized record- keeping system. It is repository or a container for collection of computerized data files. The overall purpose fo DBMS is to allow he users to define, store ,retrieve and update the information contained in the database on demand. Information can be anything that is of significance to an individual or organization.

Some of the advantages of DBMS are given bellow:-

I) Controlling of Redundancy.

II) Improved Data Sharing.

III) Security.

IV) Data Consistency.

V) Efficient Data Access.

VI) Enforcements of standards.

Some of the Disadvantages of DBMS are given bellow:-

I) It is complex due to it’s supports multiple functionality to give the user the best, the underlying software has become complex.

II) Because of its complexity and functionality, it uses large amount of memory. It also needs large memory to run efficiently.

III) DBMS system works on the centralized system, that is all the user form all over the world access this database. Hence any failure of the DBMS will impact all the users.

IV) DBMS is generalized software that is it is written works on the entire system rather specific one. Hence some of the application will run slow.

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