1.6 Viber/ Instagram /Banking /Youtube

1.7 1.Structure: The file system is software that manages and organizes the files in a storage medium within a computer. DBMS is software for managing the database.

2.Data Redundancy: Redundant data can be present in a file system. In DBMS there is no redundant data.

3.Backup and recovery:in File System doesn’t provide backup and recovery of data if it is lost.

In Databaseprovides backup and recovery of data even if it is lost.

4.Security Constraints: File systems provide less security in comparison to DBMS. DBMS has more security mechanisms as compared to file systems.

1.8 Physical Data Independence is defined as the ability to make changes in the structure of the lowest level of the Database Management System (DBMS) without affecting the higher-level schemas. Hence, modification in the Physical level should not result in any changes in the Logical or View levels.

1.9 Interaction with the File Manager.

Integrity Enforcement.

Security Enforcement.

Backup and Recovery.

Concurrency Control.

1.11 Physical level

1.15 1.ID 2.Name Surname 3.Date of birthday