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| DBMS | RDBMS |
| DBMS stores data as file. | RDBMS stores data in tabular form. |
| No relationship between data. | Data is stored in the form of tables which are related to each other. |
| Normalization is not present. | Normalization is present. |
| DBMS does not support distributed database. | RDBMS supports distributed database. |
| It stores data in either a navigational or hierarchical form. | It uses a tabular structure where the headers are the column names, and the rows contain corresponding values. |
| Data redundancy is common in this model. | Keys and indexes do not allow Data redundancy. |
| Data fetching is slower for the large amount of data. | Data fetching is fast because of relational approach. |
| Security is less | More security measures provided. |
| Examples: XML, Window Registry, Forxpro, dbaseIIIplus etc. | Examples: MySQL, PostgresSQL, SQL Server, Oracle, Microsoft Access etc. |