

Chapter 1: Database Systems

CSCI 475

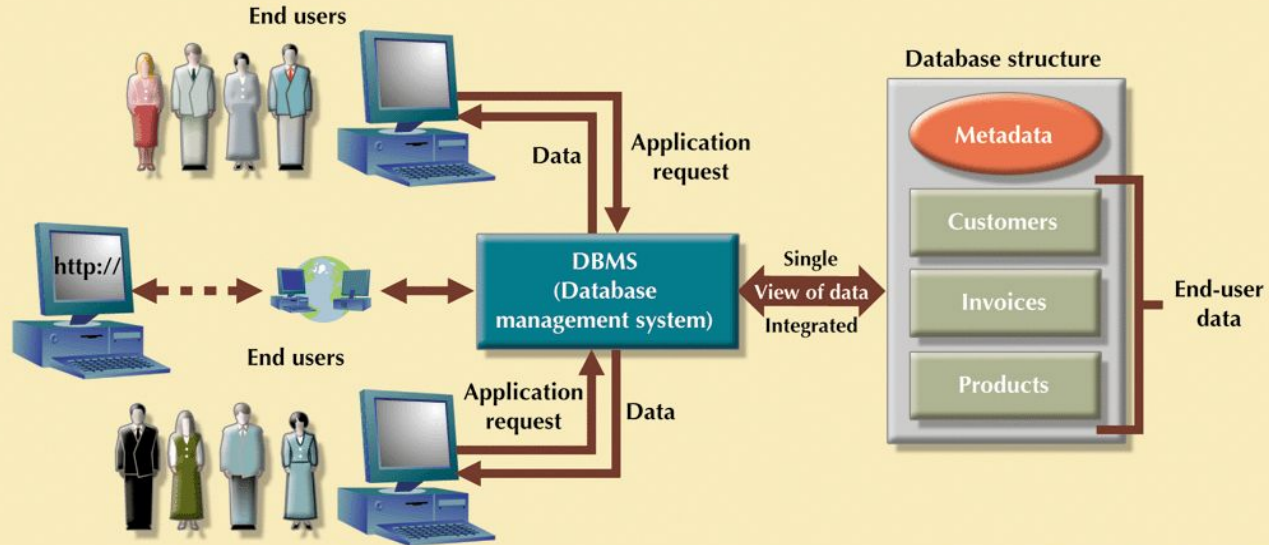
Heart of Database Management Systems (DBMS)

1. collect
2. store
3. aggregate (combine)
4. manipulate
5. disseminate (spread)
6. manage

ALL DONE QUICKLY

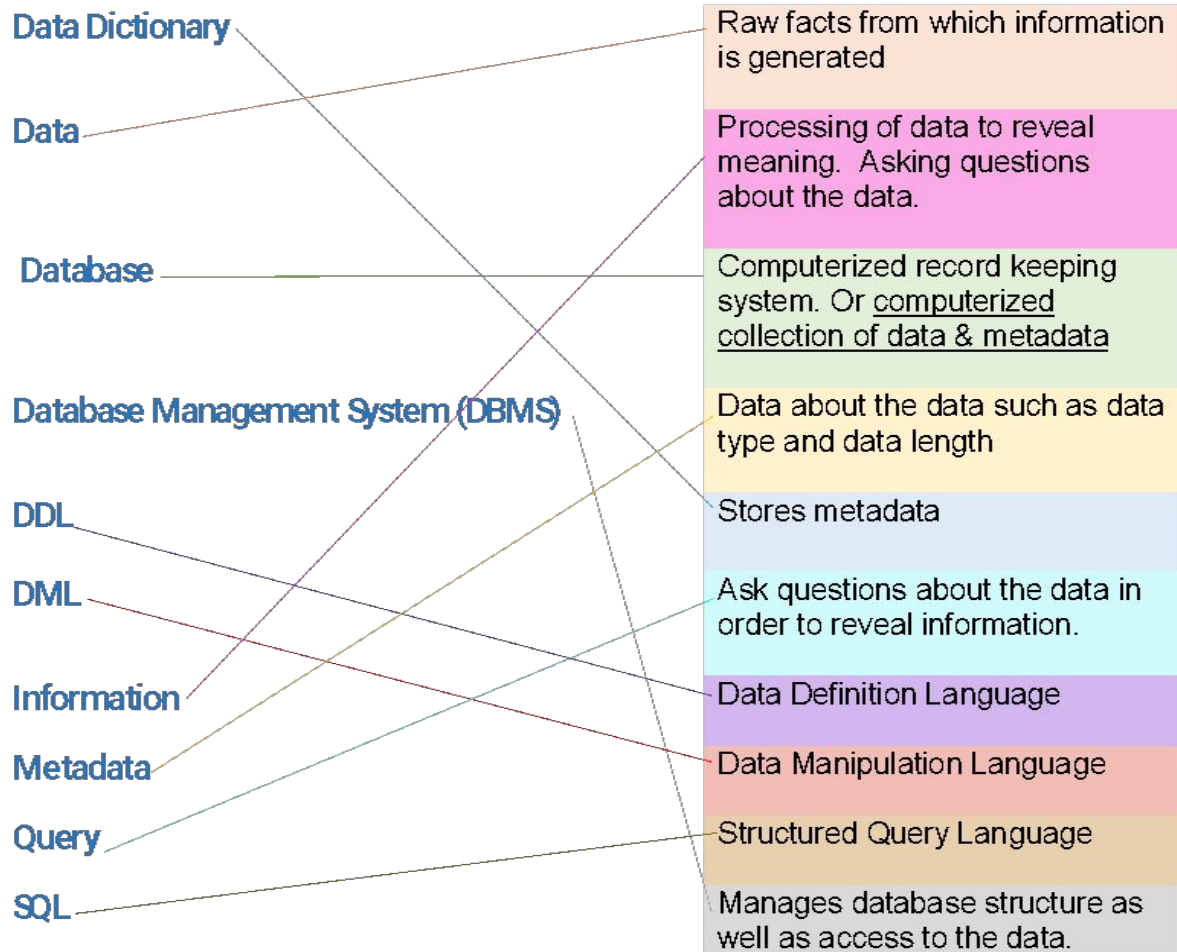
**FIGURE
1.2**

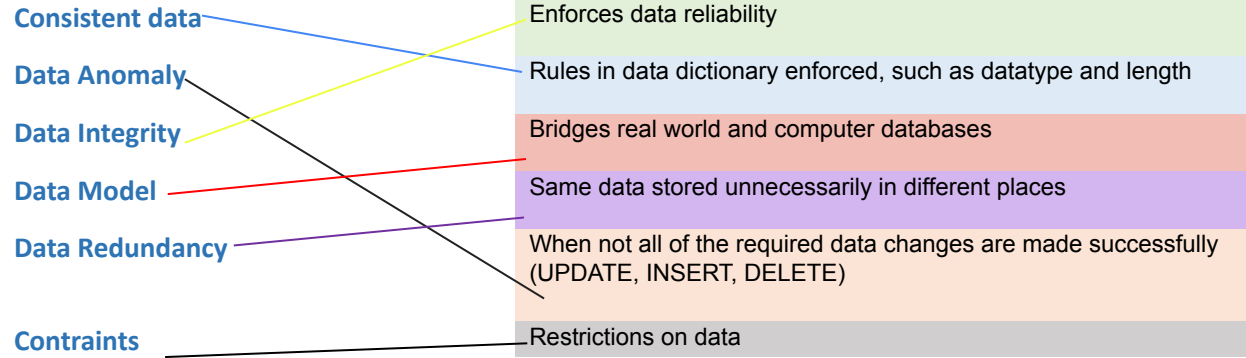
The DBMS manages the interaction between the end user and the database



SOURCE: Course Technology/Cengage Learning

Definition Activity





Employee_Skills Table

ID	ENum	Name	Title	HireDate	Skill1	Skill1Date	Skill2	Skill2Date	Skill3	Skill3Date
1	02345	Johnny Jones	DBA	2/14/1995	Basic Database Management	2/14/2000	Advanced Database Management	2/14/2003	Basic Web Design	8/9/2001
2	08273	Marco Bienz	Analyst	7/28/2006	Basic Web Design	3/8/2007	Advance Process Modeling	8/19/2010		
3	06234	Jasmine Patel	Programmer	8/10/2005	Basic Web Design	8/10/2005	Advanced C# programming	8/10/2005	Basic DB manipulation	1/29/2010
4	03373	Franklin Johnson, Jr.	Purchasing Agent	3/15/2002	Advanced Spreadsheets	6/20/2009				
5	13567	Almond, Robert	Analyst	9/30/2012	Basic Process Modeling	9/30/2012	Basic Database Design	5/23/2013		
6	10282	Richardson, Amanda	Clerk	4/11/2011						
7	09382	Jessica Johnson	Database Programmer	8/2/2010	Basic DB Design	8/2/2010	Basic Database Manipulation	8/2/2010	Advanced DB Manipulation	5/1/2011
8	14311	Duong, Lee	Programmer	9/1/2014	Basic Web Design	9/1/2014				
9					Master Database Programming					
10					Basic Spreadsheets					
11	09002	Ben Joiner	Clerk	5/20/2010	Advanced Spreadsheets	5/16/2011	Basic Web Design	5/16/2011		
12	13383	Raymond F. Matthews	Programmer	3/12/2012	Basic C# Programming	3/12/2012				
13	09283	Chavez, Juan	Clerk	7/4/2010						
14	04893	Patricia Richards	DBA	6/11/2004	Advanced Database Management	6/11/2004	Advanced Database Manipulation	9/20/2010		
15	13932	Lee, Megan	Programmer	9/29/2013						