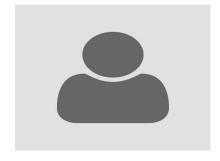
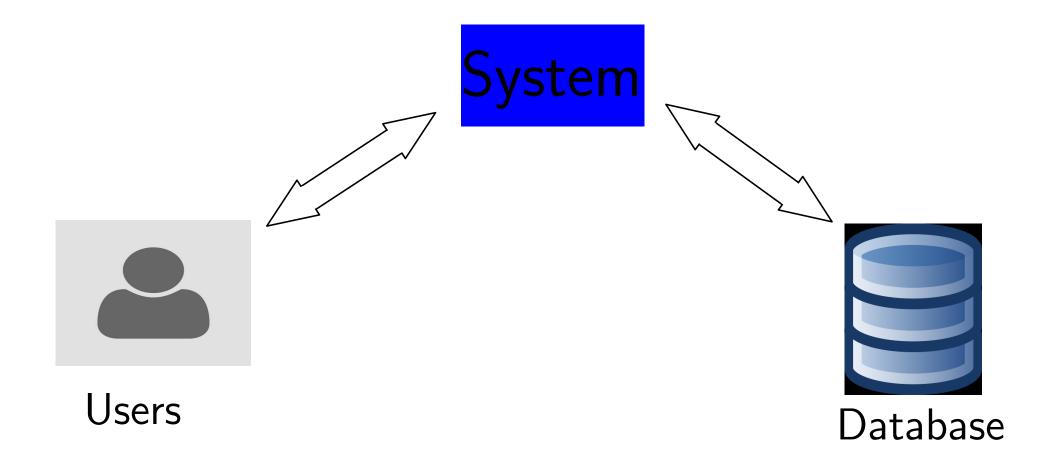
What is DATABASE?

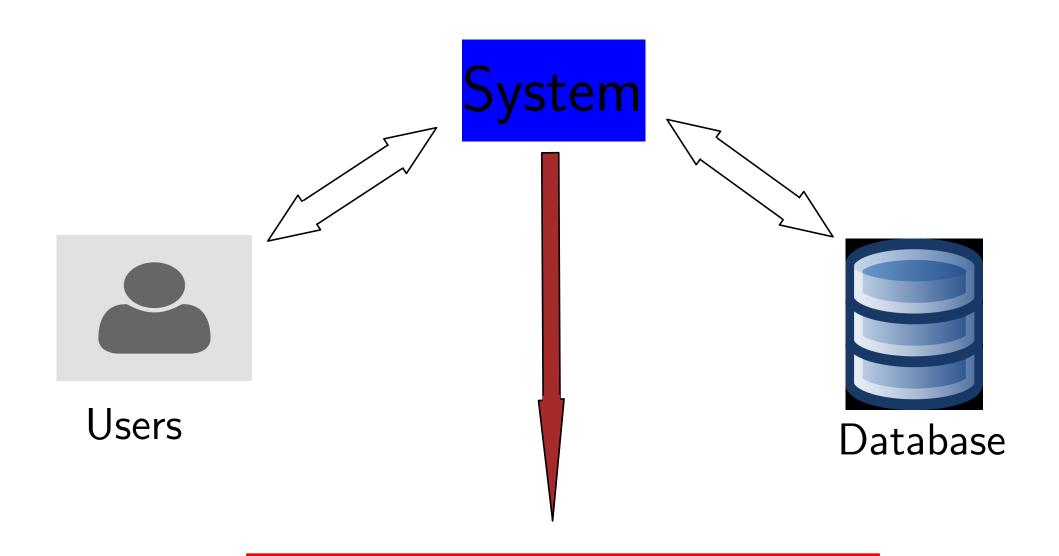
A database is an organized collection of data, stored and accessed electronically from a computer system.



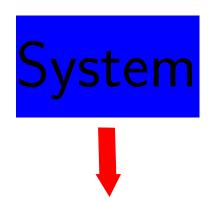
Users







The main focus of this course



Database management system (DBMS)

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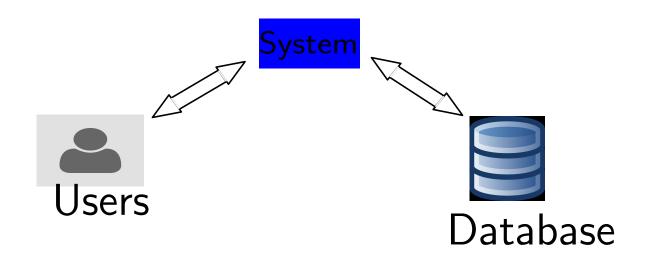
Definition:

software system that enables users to define, create, maintain and control access to the database

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- For every course, we store ID number, name,
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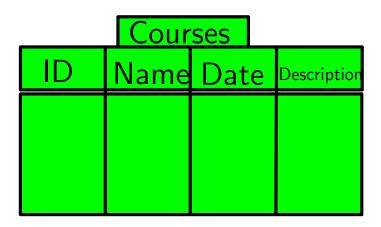
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What is the best way to store those infos?

- files?, many problems... dificult to find and modify information
- Excel? better, but has limited options and storage

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Students					
ID	Name	Adress	Birth		



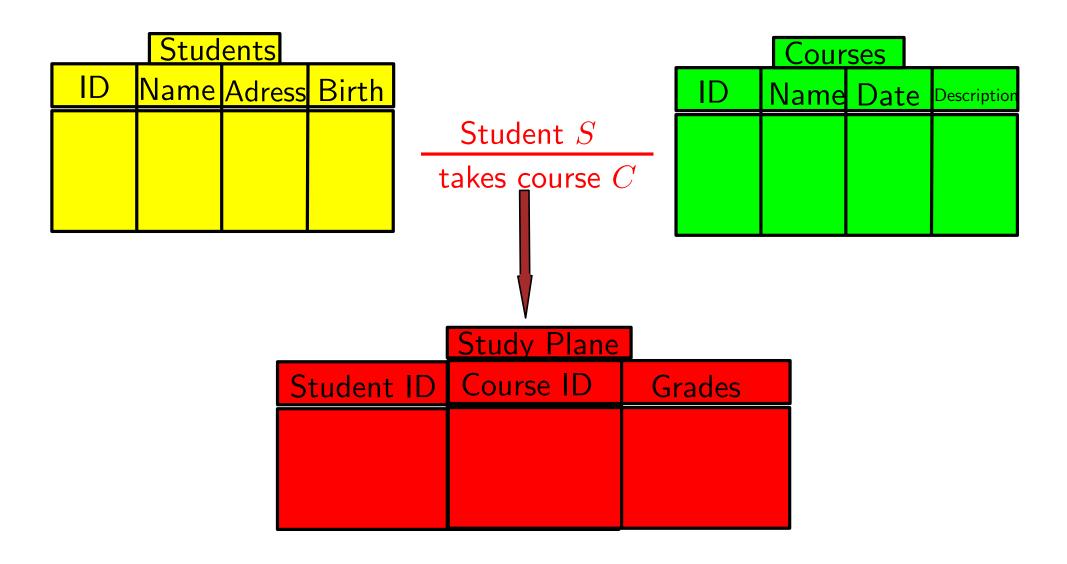
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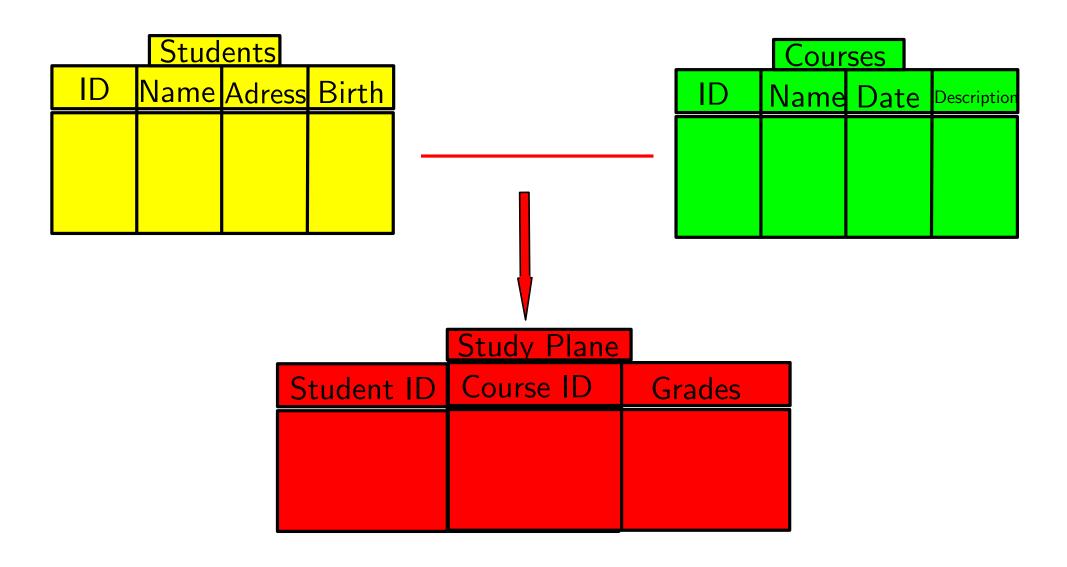
Students					
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Courses						
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		Courses Name Date				

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Students						Cour	ses	
ID	Name	Adress	Birth		ID	Name	Date	Description
				$_$ Student S				
				takes course C				





More general: Relational model of Database

