

# GLOSSARY

## Learning Relational Databases

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Use these terms and definitions below to understand concepts taught in the course.

**Transcript Search:** note that you can search for terms directly within the course. To search video text, switch to the *Transcripts* tab, then press Cmd/Ctrl + F on your keyboard to run a search within the active transcript.

Term	Definition
<b>actors</b>	The types of people who will need to interact with a new database system; usually represent groups of people who all have the same position or role within the organization
<b>auto-incrementing value</b>	A tool within a database that lets the database assign unique values to use internally; also referred to as an auto number field
<b>CRUD tasks</b>	A set of tasks that includes creating new data items, reading and finding existing terms, updating data items with new information, and deleting outdated data items
<b>database</b>	A collection of individual data items that are stored in a highly structured way that represents a model of reality
<b>Database Management System (DBMS)</b>	A system of tools that includes a database, engine, and end user interface development all in a single application
<b>denormalization</b>	The process of undoing some of the changes created via normalization in order to remove redundant information and to help prevent data anomalies
<b>normalization</b>	The process of adding additional tables and fields that will be required by the DBMS to do its job efficiently; a series of rules that your database's table structure must pass in order to be considered a good relational design
<b>relational database</b>	A system in which multiple data tables that refer to one another in order to store a large amount of data about a single entity

<b>scope creep</b>	A process in which new features and enhancements continually get added to a project, thus leading to a database project that never seems to get finished
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