## Database Management Systems

Do an internet search and find the most used DBMS (at least 15), then fill the following table:

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| --- | --- |
| BDMS name | MySQL |
| Owner | Oracle |
| Supported Models | Relational |
| Who is using it (min 3) | booking.com  Alcatel  NASA |
| Availability tools and how it works | MySQL Cluster:  Uses synchronous replication through a two-phase commit mechanism in order to guarantee that data is written to multiple nodes upon committing the data. |
| Data partitioning and how it works | MySQL supports basic table partitioning but does not support vertical partitioning.  Partitioning allows you to have more control over how data is managed inside the database.  In partitioning, it is possible to store more data in one table than can be held on a single disk or file system partition. |
| On-Premise, on-cloud or hybrid | MySQL Cloud Service |
| Data manipulation language | C, C++, C#, Pascal, Delphi (vía dbExpress), Eiffel, Smalltalk, Java (con una implementación nativa del driver de Java), Lisp, Perl, PHP, Python, Ruby. |
| Data Storage System | InnoDB is the default MySQL storage engine. Unless you have configured a different default storage engine |
| Other Interesting Features |  |