

Selection of Design Concepts

Design Decision	Rationale
Use MySQL for (RDBMS) Database	Developers have a strong understanding of the database language
Define views of data	Useful for reports, ad-hoc queries, etc.
Naming conventions for objects/tables	Organizes and keeps data consistent throughout the database

table 1

Logical view

Element	Responsibility	Properties
Cross-platform view	Responsible for running on multiple operating systems including Windows, Linux and Unix. MySQL allows clients to run the same server on multiple computers	RDBMS = MySQL
Thread-handling	Server accepts the client's request to the server and connects them, and the link is given its own thread.	
Query Cache	Responsible for saving the entire result set for the query statement(s) entered.	

table 2