

CS 160

Homework on software architecture

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1. Using a diagram, show how the generic architecture for a web-based application can be implemented using a multi-tier client–server architecture.
2. Explain why it would not be appropriate to use a multi-tier client–server architecture for the iLearn system.
3. Do some background reading and describe three fundamental differences between relational and NoSQL databases. Suggest three types of software product that might benefit from using NoSQL databases, explaining why the NoSQL approach is appropriate.