



E-Portfolio Activity – Data Structure Reflection

Course: MSc Computer Science

Module: Software Engineering Project Management

Assignment: ePortfolio

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Content:

Within a working environment, I am often required to use our corporate CRM system previously known as Firmstep. Within the backend, this uses a series of NoSQL databases provided as part of the Amazon Web Services suite, combined with some more conventional Key/Value stores optimised for speed, such as Redis.

This combination helps exempt the CRM provider to exempt themselves from a 'vendor lock in' type scenario, as they are using freely available software packages. Such packages often have lower overheads, meaning that they can run much faster than traditional SQL tables.