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Web Technologies
Assignment 12

G12.1 Object-Relational Mapping

1. In the lecture you have been presented *single table inheritance* as a method for mapping inheritance hierarchies to relational models. Explain how single table inheritance operates.

2. Can you think of alternatives to single table inheritance?

G12.2 Agile Software Development

Consider the 4 maxims of agile software development, `http://agilemanifesto.org/`.

- **Individuals and interactions** over processes and tools

- **Working software** over comprehensive documentation

- **Customer collaboration** over contract negotiation

- **Responding to change** over following a plan

Discuss these maxims in general and in the context of software development for the web.