**SSW 555 Agile Methods for Software Development**

**Quiz 8: DSDM**

**Name: Mrunal Phadke**

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**1. Why would RAD not work on a project with a traditional customer supplier relationship?**

* In traditional customer-supplier relationship, there was a fixed contract schedule and the requirements were decided upfront. The development process would start after that.
* The whole purpose of RAD, is to speed up the development process by substituting prototypes for specification, using existing data models and tools and trading features for speed.
* Thus, RAD would not work in the traditional customer-supplier relationship, as in RAD development and requirement listing go hand-in-hand. This would not allow any fixed contract schedule to be decided before work begins.

**2. Describe 2 of the principles of DSDM that are consistent with the Agile Manifesto.**

* DSDM: The focus is on frequent delivery of products.

Agile: Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.

* DSDM: DSDM teams must be empowered to make decisions.

Agile: The best architectures, requirements, and designs emerge from self-organizing teams.

**3. What is produced by the Feasibility Study of DSDM?**

The feasibility study produces the following:

* A feasibility report that includes a short business case, suitability of DSDM and early investigation of requirements.
* An outline plan and a risk log.
* May or may not produce a first prototype.

**4. What is produced by the Business Study of DSDM?**

The business study of DSDM produces:

* Business Area Definition
* Prioritized Requirements List
* Development Plan
* System Architecture Definition
* Updated Risk Log

**5. Describe the MoSCoW rules for requirements. How are they used in DSDM?**

* Prioritization of requirements
* Must have: system is useless without these features
* Should have: important requirements, but there is a work-around so that these can be left out for now
* Could have: consider for future iterations
* Want to have (Waiting list): least important
* MoSCoW rules are studied during feasibility study and business study part of the DSDM process. In here the business team, gathers all the requirements, categorizes them as per MoSCoW rules and prioritizes them. This provides them with the prioritized plan for development.