

Proposals

GROUP A

7 problems

+ Very many good questions

- (3) Could be more precisely worded. CRUD is used to identify missing functional reqts for Creating/Reading/Updating or Deleting a specified data entity, i.e. consistency but primarily for completeness.

Lau 5,7 [1 problem] Bonus: 5

Proposition:

Pre-qualification in a tender process is generally time consuming and costly for both consumer and supplier.

Reason:

The supplier must demonstrate previous experience within the area to qualify.

Correct answer: D

Motivation:

Pre-qualification saves both time and money since, in the end, there are fewer companies involved. As a result, it is more appealing for a company to participate because the chance of getting the job is higher. Pre-qualification is a good way of filtering out some of the weaker candidates among the suppliers. Since very little is explained about the project, writing an application takes very little time. Hence the proposition is false.

Reference: Lau 295

Learning objectives: 1.1.4 & 1.3.5

Main responsible: Johan Holm

Lau 6, QUPER [2 problems]

Proposition:

Broad security requirements of the open metric type are useful in a tender-based project

Reason:

This will prompt the supplier to do a customer-specific investigation

Correct answer:

D

Motivation:

The reason is correct, but explains why it is not good for tender-based projects.

References:

Lau 6.9 p278

Learning objectives:

1.2.3 & 1.3.5

Main responsible: Jonas Jacobsson

Proposition:

Specifying performance requirements is more important for embedded systems.

Reason:

Response times are more often critical in embedded systems for physical reasons.

Correct answer:

A

Motivation:

Humans are more likely to wait in case of a slow response time. Hardware however, might be dependent on a specific maximum response time, and may not work if not met.

Reference: Lau: Chapter 6 pages 246 Learning objective:

Learning objectives: 1.3.1 & 1.3.3

Main responsible: Eskil Petersson

Lau 9, INSP [1 problems]

Proposition:

A CRUD-matrix is a good tool to check for consistency

Reason:

It gives a visual overview of which entity classes can be created, read, updated or deleted.

Correct answer:

A

Motivation:

A CRUD-matrix is a good tool for consistency checks as it's easy to see if there's, for example, a delete or read function missing.

Reference: Lau, page 386

Learning objectives: 1.1.1 & 1.2.4

Main responsible: Oskar von Knorring

+CRUD is used to identify missing functional reqts for Creating/Reading/Updating or Deleting a specified data entity, i.e. consistency but primarily for completeness.

MDRE+PRIO+RP [2 problems]

Proposition:

In market driven development, it is important to have a detailed description of the requirements.

Reason:

A detailed description of the requirements help in deciding what to include in the next release and can reduce the time-to-market.

Correct answer:

E

Motivation:

The number of requirements in a market driven development are usually very big, as there is a continuous flow of requirements. A detailed description of them all is therefore infeasible/impossible, which is why the proposition is false. Regarding the reason, describing each requirement in detail would increase the risk of congestion, which increases the mean-time-to-market.

Reference: MDRE: 13.3.

Learning objective: 1.1.6 & 1.3.5

Main responsible: Philip Ståhl

Proposition:

Utilizing a CWG (Customer Working Groups) in an MDRE process is good way to judge priorities of must-have and nice-to-have requirements

Reason:

CWGs usually have higher authority and contain senior managers.

Correct answer:

C

Motivation:

CWGs usually contain product managers and experts in the domain (customer representatives), hence the proposition is correct, but the reason is false.

Reference: MDRE 13.5

Learning objectives: 1.2.5 & 1.1.4

Main responsible: Oscar Werneman

AGRE+INTDEP [1 problem]

Proposition:

In Agile Requirements Engineering, prioritising requirements solely by business value might result in a non-scalable design of the system.

Reason:

Focusing solely on business value when prioritising requirements, the customer might ignore nonfunctional requirements such as scalability, performance and portability.

Correct answer:

A

Motivation:

Ignoring non-functional requirements may result in developers not spending too much time on the overall design on the system or system components, but instead only to implement the next feature at the lowest cost. As mention in the reason above, scalability and performance may suffer from this.

Reference: AGRE p 64-65.

Learning objective: 1.3.5, 1.3.3 & 1.2.5

Main responsible: Erik Hedblom