



BjIT



Exam on Software Requirements Analysis

Total points 28/53 ?

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Quiz Section

28 of 53 points

Total 25 Questions. Time: 30 Minutes

X An SRS must specify requirements on _____ *

1/2

- System architecture X
- External interfaces ✓
- Design constraints ✓
- Data integrity

X Which of the following is not a requirements malpractice? *

0/2

- Recording requirements in a disorganized manner
- Complying with changes easily X
- Spending too much time on documentation
- Building unadaptable systems
- All of these

✓ What is the benefit of using observation to requirement analysis ?

2/2

- allows you to understand the user's emotions and feelings when performing certain functions

- helps you understand how the user interacts with the product or system
- enables you to learn what the customer is thinking about while using the product
- All of these ✓

✗ During validation, the _____ produced as a result of requirements engineering are _____ for quality *0/2

- work products, assessed
- works, planned
- works, assessed ✗
- None of the above

✗ The SRS is said to be *consistent* if and only if _____ * 0/2

- its structure and style are such that any changes to the requirements can be made easily while retaining the style and structure ✗
- every requirement stated therein is one that the software shall meet
- every requirement stated therein is verifiable
- no subset of individual requirements described in it conflict with each other

✓ If every requirement stated in the Software Requirement Specification (SRS) has only one interpretation, SRS is said to be _____ *2/2

- Complete
- Consistent
- Unambiguous ✓
- Verifiable

✓ _____ is the process in which developers discuss with the client and end users and know their expectations from the software. 2/2

- Requirement Analysis
- Requirement Gathering ✓
- Requirement Organization
- None of the above

✗ Requirement engineering process includes which of the following steps? * 2/3

- Feasibility study
- Requirement specification ✓
- Requirement implementation
- Requirement validation ✓
- All of the above

✗ Capacity requirements in SRS are not dynamic * 0/2

True

False X

X

✓ Which of the following property of SRS is depicted by the statement: *2/2
"Conformity to a standard is maintained" ?

Complete ✓

Consistent

Correct

Stability

X Requirement analysis is about _____. 0/2

discovering what is not being said X

progressive elaboration

drawing out information from stakeholders

all of these answers

✓ Requirements Engineering process is not _____, it is iterative and *2/2

complex, parallel

linear, parallel ✓

easy, linear

none of the above

✓ Customers and stakeholders typically _____. 2/2

want too many things and are impossible to control

understand the intent and parts of what they need, but struggle to articulate it, ✓ often missing some of the most critical requirements and parts

know exactly what they need

have no idea what they want and need

✓ Arrange the given sequence to form a SRS Prototype outline as per IEEE 2/2
SRS Standard : 1. General description 2. Introduction 3. Index 4.
Appendices 5. Specific Requirements

1,4,5,2,3

2,1,5,4,3 ✓

3,4,5,2,1

1,3,2,5,4

X Response time should be > 1 second 99% of the time 0/2

True X

False

X Which of the following is not true for requirement management

1/2

- Project manager performs the activities X
- Requirements are given unique identifiers
- Traceable tables are placed at the front of SRS documentation ✓
- Requirements can be placed into multiple traceable tables
- Inconsistencies and errors are corrected ✓

✓ Which are the approaches of Analysis Model? *

2/2

- Structured Analysis ✓
- Data Analysis
- Object Oriented Analysis ✓
- Augmented Analysis

✓ Without analysis, what do teams generally end up with?

2/2

- happy stakeholders since they didn't have to sit in on long brainstorm meetings about analysis
- misunderstandings which lead to defective solutions ✓
- business goals that eventually save the company money
- users who have a clear understanding of their goals

X Which of the following are untrue regarding analysis models

2/4

- Models should focus on abstract concepts
- Non functional models should be described before design ✓
- Interconnection between objects can decreases coupling
- Designers should validate requirements
- Logical and physical constraints should be coupled ✓

X Before implementing an enhancement, it is necessary to elicit and analyze

0/2

- all the system inner workings first
- the expected budget and schedule from the requestor
- the other specifications from previous enhancements and related enhancements X
- the patterns and root cause of why the request was submitted

✓ Consider the following Statement: "The output of a program shall be *2/2 given within 20 secs of event 5% of the time." What characteristic of SRS is being depicted here ?

- Verifiable ✓
- Constraint
- Consistency

Traceability

X The SRS is said to be consistent if and only if

0/2

- Every requirement stated therein is one that the software shall meet
- Any changes to the requirements can be made easily by rebuilding the style and structure
- every requirement stated is verifiable
- no subset of individual requirements described in it conflict with each other **X**
- All of the above

X Elicitation may be accomplished through ____ activities(in Neumeric) *

0/2

4

X

✓ What does a great requirement workshop require?

2/2

- planning, facilitation, and value focus **✓**
- a requirements document, models, and a budget
- a timebox, a boardroom, and a catered lunch
- a requirements document, the team, and a BA

X What is NOT a characteristic of a good brainstorming session?

0/2

- lots of ideas are generated
- periods of both silent thinking and group dialog **X**
- planning beforehand and good technique during
- auctioning off of best ideas

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