CS615 - Software Project Management

Quiz No. 1 DEC, 04, 2012

Software design is actually a multi step process that focuses on _____ distinct attributes of a program

2

3

4

5

When you build a product or system, it's important to go through a series of predictable steps – a road map that helps you create a timely, high-quality result, The road map that you follow is called a _____

Software design

Software Process

Software schedule

Framework

The check-in and checkout facilities provide_____

Best control

Component control

SCI control

Synchronization control

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Which of the following might require re-baselining of the cost baseline?

Corrective action

Revised cost estimates

Updates to the cost management plan

Budget updates

Once the review is complete, the Software Requirements Specification is "signed-off by _____

Developer

Customer

Top level Management

Both Customer and Developer.

REF:: Once the review is complete, the Software Requirements Specification is "signed-off by both the customer and the developer.

Controlling Versions is activity of _____

Construction

Testing

SCM

Design

_____ identify which quality standards are relevant to the project and determines how to satisfy them

Quality planning

Quality assurance

Quality control

Process control

The British Standards Institution (1986) has stated the quality as

The ability of a software product to satisfy its specified requirements

"An inherent or distinguishing characteristic or a property"

"Quality is in the eye of the beholder, a matter, of the client's judgment."

All of the given

_____ ensures that the standards laid down for a project are followed.

Quality assurance

Quality control

Product evaluation

Process control

_____ ensures that appropriate steps to follow the product development procedures are carried out

Quality Management

Design

Process monitoring

Quality Control

These all are Product Revision Factors except

Usability

Maintainability

Flexibility

Testability

To control versions, you can use_____

Version Control File

Version Control Register

Version Control authority

All of given

_____is an umbrella activity that ensures conformance to standards and procedures throughout the SDLC of a software product.

SQA

Design

Testing

All of given

All of the following are benefits of meeting quality requirements

An increase in stakeholder satisfaction

Less rework

Low turnover

Higher productivity

The Preliminary Users Manual presents the software as a black box: That is, heavy emphasis is placed on

User input

User output

User input and the resultant output

None of given

Which of the following might require re-baselining of the cost baseline?

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Revised cost estimates

Updates to the cost management plan

Budget updates

_____ identify which quality standards are relevant to the project and determines how to satisfy them

Quality planning

Quality assurance

Quality control

Process control

The overall role of Software in a larger system is identified during
Requirements engineering
Process engineering
<mark>System engineering</mark>
All of given

The British Standards Institution (1986) has stated the quality as
The ability of a software product to satisfy its specified requirements
"An inherent or distinguishing characteristic or a property"
<mark>"Quality is in the eye of the beholder, a matter, of the client's judgment."</mark>
All of the given
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McCall (MCC77) and his colleagues proposed some software quality factors based on _____ most important aspects of a software product:
4
<mark>3</mark>
6
5

Inefficient project management style is a
Product-related problems
Technology-related problems
Process-related problems
<mark>People-related problems</mark>

Upon evaluating current problems and desired information (input and output), the analyst begins to
_____
<mark>Synthesize solutions</mark>
Model
Specification
All of given

These all are Product Revision Factors except
Usability
Maintainability
Flexibility
Testability

We can classify the problems that affect software projects into _____ categories
3
4
5
6

The check-in and checkout facilities provide_____
Best control
Component control
SCI control
Synchronization control

The code generation step performs the task
Translated specification into a machine-readable form
Translated design into a machine-readable form
Translated requirements into a machine-readable form
Translated user data into a machine-readable form

Research-oriented software development is a
Technology-related problems
Process-related problems
People-related problems
Product-related problems

A meeting is conducted at a _____ and attended by both software engineers and customers.
Software engineer site
Neutral site
Customer site
Company site

Reviews conducted at each of this phase/s_____

Analysis
Design
Coding
==All of given==

All given below are the problems that affect software projects except:

Product-related problems
Technology-related problems
==Procedure-related problems==
People-related problems

_____is the technical kernel of software engineering

==Design==
Implementation
Testing
Requirement Analysis

Both the software engineer and customer take an active role in software requirements engineering-a set
of activities that is often referred to as
==Analysis==
Design
Specification
System acceptance

The model serves as the basis for the creation of _____ for the Software.
Design
Maintenance
Testing
==Specifications==

Before requirements can be analyzed, modeled, or specified they must be gathered through a/an
_____
==Elicitation process==
Interviewing

Meeting
None of given

Technology-related problems include _____

Overestimated savings from reusable components and new tools and methods

Switching tools in mid-way

Integrating different software products in cross-platform implementation
<mark>All of given</mark>

Insufficient identification is a
Technology-related problems
<mark>Process-related problems</mark>
People-related problems
Product-related problems

Throughout evaluation and solution synthesis, the analyst's primary focus is on _____
"Not what, not "how"
"What, also "how"
<mark>"What, not "how"</mark>
None of given

The overall role of Software in a larger system is identified during
Requirements engineering
Process engineering
<mark>System engineering</mark>
All of given

In problem evaluation area of effort, once problems have been identified, the _____determines what information is to be produced by the new system and what data will be provided to the system.
<mark>Analyst</mark>
Designer
Coder
Manager

A 'facilitator' controls the meeting can be _____

Customer
A developer
An outsider
All of given

Version control combines _____ to manage different versions of configuration objects that are created during software product development.
Procedure
Tools
Procedure and Tools
None of given

Many software projects digress from the original scope because of the nature of the software product or technology used, it's happen in _____
Product scope changed toward the end of the project life cycle
Research-oriented software development
Defined scope
Fuzzy users

When you build a product or system, it's important to go through a series of predictable steps – a road map that helps you create a timely, high-quality result, The road map that you follow is called a _____
Software design
Software process
Software schedule
Framework

Before requirements can be analyzed, modeled, or specified they must be gathered through a/an _____
Elicitation process
Interviewing
Meeting
None of given

Defined scope is a

Technology-related problems

Product-related problems

Process-related problems

People-related problems

You can use the Item Traceability Matrix to identify _____ at the end of each phase

SCIs

SCM

Design

Construction

Most software project manager's practice a lot of management techniques that are of doubtful authenticity are called

Select correct option:

Project management tools

Project management myths

Project management thumb rules

Project management fundamentals

The Introduction of the software requirements specification states the

Select correct option:

Goals

Objective

Design

<mark>Goals and objectives of the software</mark>

The code generation step performs the task

Select correct option:

Translated specification into a machine-readable form

<mark>Translated design into a machine-readable form</mark>

Translated requirements into a machine-readable form

Translated user data into a machine-readable form

-----------is the ability to encourage by "push or pull" technical people to produce to their best ability.

Select correct option:

Evaluating

<mark>Motivation</mark>

None of the given

Monitoring

_____contains an analysis of what went wrong, what went right, and what you could have done better in the software project.

Select correct option:

<mark>Prepare closedown report</mark>

Identify learning

Identify reusable software components

Finally, the specification includes a _____

Select correct option:

Bibliography

Appendix

Both Bibliography and Appendix

Product quality depends on its conformance to _____

Select correct option:

Software requirements

Development standards

Implicit requirements

All of given

Given all are major design styles except

Select correct option:

Object (Not Sure)

Procedural

Structured

Dtat-Structured Design

The quality of software is said to be high if it meets the

Standards, defined for the product

Procedures, defined for the product

Standards and procedures, defined for the product

Design defined for product