

1.3 - Sprint 1 Learning Quiz

Due Jul 5 at 11:59pm

Points 10

Questions 20

Available until Jul 5 at 11:59pm

Time Limit None

Allowed Attempts Unlimited

Instructions

- The purpose of this quiz is to help you learn this Sprint's material.
- **Take the quiz at least twice.**
 - On the **first attempt, do NOT use notes.** Assess your learning.
- Your latest score will be kept.



This quiz was locked Jul 5 at 11:59pm.

Attempt History

	Attempt	Time	Score
KEPT	Attempt 3	14 minutes	10 out of 10
LATEST	Attempt 3	14 minutes	10 out of 10
	Attempt 2	113 minutes	9.5 out of 10
	Attempt 1	27 minutes	8 out of 10

Score for this attempt: **10** out of 10
Submitted Jun 29 at 3:29pm
This attempt took 14 minutes.

Question 1	0.5 / 0.5 pts
What is a non-functional requirement?	

Correct!

- ☒ A description of how well the software must perform
- ☐ A description of what the software must do
- ☐ A description of how the software can fail
- ☐ A requirement that isn't working out very well

Question 2

0.5 / 0.5 pts

Which is NOT a quality attribute?

- ☐ Flexibility
- ☐ Efficiency
- ☐ Usability
- ☒ 99% uptime

Correct!

Question 3

0.5 / 0.5 pts

Which is part of INVEST?

- ☒ independence
- ☐ integrity
- ☐ interoperability
- ☐ individuality

Correct!

Question 4

0.5 / 0.5 pts

Which quality attribute is MOST important for a system that, once started, continuously removes pollutants from the air?

Correct!

☒ Testability

We need to know whether it's working, otherwise it could be doing nothing

☐ Usability

☐ Reusability

☐ Flexibility

Question 5

0.5 / 0.5 pts

Which quality attribute is MOST important for a space suit?

Correct!

☒ Reliability

If it fails once, the occupant might die

☐ Maintainability

☐ Flexibility

☐ Interoperability

Question 6

0.5 / 0.5 pts

Which is part of INVEST?

Correct!

- ☒ negotiable
- ☐ non-functional
- ☐ non-negative
- ☐ nuanced

Question 7

0.5 / 0.5 pts

Which is part of INVEST?

Correct!

- ☒ testable
- ☐ traceable
- ☐ tailorable
- ☐ transparent

Question 8

0.5 / 0.5 pts

If a user interface design prototype is hand-drawn, which fidelity is it most likely to be?

Select the MOST CORRECT answer.

Correct!

☒ Low-fidelity

☐ Medium-fidelity

☐ High-fidelity

Question 9

0.5 / 0.5 pts

It's important for paper prototypes to look beautiful. True or false?

☐ True

Correct!

☒ False

Question 10

0.5 / 0.5 pts

Which are benefits of paper prototyping?

Select ALL correct answers.

Correct!



Catching design flaws before expensive implementation has been done

Correct!



Easy to capture information about the user interface (by adding directly on the prototypes)

Correct!



Can show what happens during interaction without programming the interaction

Correct!



Can communicate design concepts without distraction of specific graphic design choices (Ex: colors, styles, etc.)

Question 11

0.5 / 0.5 pts

If a user interface design prototype looks like it could "go live", which fidelity is it most likely to be?

Select the MOST CORRECT answer.

☐ Low-fidelity

☐ Medium-fidelity

☒ High-fidelity

Correct!

Question 12

0.5 / 0.5 pts

Which are drawbacks of paper prototyping?

Select ALL correct answers.

☒ User experience can be hard to demonstrate (Ex: page load time).

☐ You have to be a graphic designer to create them.

☐ There are no drawbacks.

☐ Can't show interaction.

Correct!

Question 13**0.5 / 0.5 pts**

How might providing different ways to accomplish a task affect Abi?

Select the BEST answer.

☐ Abi will always feel overwhelmed by this.

☒ Abi might appreciate having an alternate approach if another isn't working out.

☐ Abi always likes to explore and tinker; They will feel encouraged.

Correct!**Question 14****0.5 / 0.5 pts**

How might providing different ways to accomplish a task affect users with high computer self-efficacy?

Select the BEST answer.

☐ They will always feel overwhelmed by this.

☐ They might appreciate having an alternate approach if another isn't working out.

☒ They might be able to solve problems in multiple ways

Correct!**Question 15****0.5 / 0.5 pts**

How might Tim send an email from an unfamiliar site without a undo button?

Select the MOST LIKELY answer.

☐

They might notice the lack of undo button, be worried about making mistakes, and find a different email service

☒

They might navigate to the compose email text area, type their message, and send (perhaps with mistakes)

☐

They might try out some of the settings and text formatting only to get frustrated with the site when there was no undoing the changes

Correct!

Question 16

0.5 / 0.5 pts

Why is it important to provide options for process-oriented learners?

Select the MOST CORRECT answer.

☐

So that they will feel comfortable with the software

☐

To support their progress

☐

So that they can choose the path they want

☒

All of these options are correct

Correct!

Question 17

0.5 / 0.5 pts

Which personas benefit from having undo/redo and backtracking options?

Select the BEST answer.

☐ Only Abi and Pat

☐ Only Abi

☐ Only Abi and Tim

☒ Abi, Pat, and Tim

Correct!

Question 18

0.5 / 0.5 pts

Which are the cognitive problem-solving facets?

Select ALL correct answers.

☒ Motivations (task completion vs. interest)

☐ Gender (man vs. woman vs. non-binary)

☒ Information Processing Style (comprehensive vs. selective)

☒ Style of Learning (by process vs. by tinkering)

☐ Age (young vs. old)

☒ Computer Self-Efficacy (low vs. high)

☒ Attitude Toward Risk (risk-averse vs. risk-tolerant)

Correct!

Correct!

Correct!

Correct!

Correct!

Question 19

0.5 / 0.5 pts

Undo/redo and backtracking options help Tim because:

Select the MOST CORRECT answer.

☐

Knowing that actions are reversible helps them be comfortable proceeding

☐

They don't help Tim

☒

Reversible actions help them backtrack and recover from mistakes

Correct!

Question 20

0.5 / 0.5 pts

Why provide a path through a task?

Select the MOST CORRECT answer.

☐

To help the user stay focused.

☒

To help process-orientated learners proceed step-by-step.

☐

There's no reason to.

Correct!

Quiz Score: **10** out of 10