2.3 - Week 2 Learning Quiz

- Due Oct 14 at 11:59pm
- Points 30
- Questions 30
- Available until Oct 14 at 11:59pm
- Time Limit None
- Allowed Attempts Unlimited

Instructions

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

⬅ **Return to Overview**
(https://canvas.oregonstate.edu/courses/1976570/pages/2-dot-1-week-2-overview)

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	25 minutes	28 out of 30

Score for this attempt: 28 out of 30
Submitted Oct 8 at 8:56am
This attempt took 25 minutes.

Question 1

0 / 1 pts

What is flexibility?

Correct Answer

◯ How many ways the software can be used

◯ How well the software talks to other systems

You Answered

◉ How easy it is for a team to update the software

◯ How easy it is for a team to take the code and use it in other software

Question 2

1 / 1 pts

Which is part of INVEST?

Correct!

- ⦿ testable
- ○ traceable
- ○ tailorable
- ○ transparent

Question 3

1 / 1 pts

What is a functional requirement?

Correct!

- ⦿ A description of what the software must do
- ○ A description of how well the software must perform
- ○ A description of when the software will succeed
- ○ A requirement that is impossible to break

Question 4

1 / 1 pts

What is reusability?

Correct!

- ⦿ How easy it is for a team to take the code and use it in other software
- ○ How well the software works on multiple platforms
- ○ How well the software talks to other systems
- ○ How easy it is for a team to update the software

Question 5

1 / 1 pts

Which is part of INVEST?

Correct!

- ⦿ independence
- ○ integrity
- ○ interoperability
- ○ individuality

Question 6

1 / 1 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 7

1 / 1 pts

Which is part of INVEST?

Correct!

- ◉ negotiable
- ◯ non-functional
- ◯ non-negative
- ◯ nuanced

⁝

Question 8

1 / 1 pts

Which is part of INVEST?

Correct!

- ◉ valuable
- ◯ viable
- ◯ vulnerable
- ◯ varied

⁝

Question 9

1 / 1 pts

Which is part of INVEST?

Correct!

- ◉ estimable
- ◯ easy
- ◯ elegant
- ◯ extensible

⁝

Question 10

1 / 1 pts

What is a user story?

Correct!

○ A brief description of a small piece of the software's functionality

○ A non-functional requirement

○ A unit test

○ A story about something the customer did last weekend

⋮⋮

Question 11

1 / 1 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

Correct!

◉ 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

⋮⋮

Question 12

1 / 1 pts

Which of the following is true about communicating the effort needed to use a feature?

Select the MOST CORRECT answer.

○ Tim does not benefit from it because they are risk-tolerant

Correct!

◉ It can help Abi decide whether or not to use the feature

○ Pat is risk-tolerant so it will help them stay on track with their task

⋮⋮

Question 13

1 / 1 pts

How might a user with low computer self-efficacy benefit from having familiar features available after a software update?

Select the BEST answer.

Correct!

◉ They might feel reassured they know what they're doing.

○ No benefit; It deters them from tinkering with new features

○ They will become bored with the software because it's not changing.

⁞

Question 14

1 / 1 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

Correct!

◉ All of these options are correct

⁞

Question 15

1 / 1 pts

If Abi is told a task will require high effort, how might that affect them?

Select the BEST answer.

○ Abi always likes high-effort tasks; They will feel motivated.

Correct!

◉ Abi may discontinue the task if it seems high-effort; They are risk-averse.

○ Abi might re-consider addictively tinkering with the task and save time.

⁞

Question 16

1 / 1 pts

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

Select the BEST answer.

○ Abi will always feel overwhelmed by this.

Correct!

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

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

⁞

Question 17

1 / 1 pts

Some users prefer jumping to appropriate sections to only read what is relevant to them. True or false?

Correct!

○ True

○ False

⁝⁝

Question 18

1 / 1 pts

Why provide a path through a task?

Select the MOST CORRECT answer.

○ To help the user stay focused.

Correct!

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

○ There's no reason to.

⁝⁝

Question 19

1 / 1 pts

How is Abi most likely to respond when they update their new alarm clock app and find it's in military time instead of 12-hour time?

Select the MOST LIKELY answer.

Correct!

◉ Delete the app and download one with 12 hour time

○ Pull up Google to figure out what time their alarm will be in military time

○ Set an alarm for the time they think their alarm should be set for

⁝⁝

Question 20

1 / 1 pts

Which are the cognitive problem-solving facets?

Select ALL correct answers.

Correct!

☑ Motivations (task completion vs. interest)

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

Correct!

☑ Information Processing Style (comprehensive vs. selective)

Correct!

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

☐ Age (young vs. old)

Correct!

☑ Computer Self-Efficacy (low vs. high)

Correct!

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

⋮⋮

Question 21

1 / 1 pts

Which of the following is a good way to help users assess new features and their usefulness?

Select the BEST answer.

○ Forcing them to use each feature.

Correct!

◉ Briefly describing each new feature and why it's useful.

○ Don't tell users about the new features; They'll find them on their own.

⋮⋮

Question 22

1 / 1 pts

Which approach is Tim most likely to use when learning new software?

Select the MOST LIKELY answer.

Correct!

◉ Click around the software to figure out how it works

○ Search YouTube for a instructional tutorial

○ Call a friend who has used the software before

⋮⋮

Question 23

1 / 1 pts

What are potential disadvantages of showing Tim seven options at once?

Select ALL correct answers.

Correct!

☑ Tim might select the first promising option without reading the rest.

Correct!

☑ If the options are cool-looking features, Tim might get distracted.

☐ No disadvantages; Tim will read through everything before deciding.

⋮⋮

Question 24

1 / 1 pts

The Inclusivity Heuristics are...

Select the MOST CORRECT answer.

○ Not based on research

Correct!

◉ Based on research

Question 25

1 / 1 pts

Why might Abi want to see what existing features do, and why they are useful?

Select ALL correct answers.

Correct!

☑ So they can avoid unfamiliar features that might make the task take longer.

☐ Abi always likes exploring without considering time or utility risks.

Correct!

☑ Abi likes to know what's going on before investing effort.

Question 26

1 / 1 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

Correct!

◉ Abi, Pat, and Tim

Question 27

1 / 1 pts

Only risk-averse users (Abi and Pat) can benefit from having undo/redo and backtracking options. True or False?

○ True

Correct!

◉ False

⠿

Question 28

1 / 1 pts

Process-oriented learners are likely to appreciate:

Select the MOST LIKELY answer.

Correct!

◉ A provided path through a task.

○ A way to bypass step-by-step processes.

○ They don't appreciate anything.

⠿

Question 29

0 / 1 pts

If Tim is told a task will require high effort, how might that affect them?

Select the MOST LIKELY answer.

○ Tim always likes high-effort tasks; They will feel motivated.

You Answered

◉ Tim will always discontinue the task if it seems high-effort; Tim is risk-averse.

Correct Answer

○ Tim might re-consider addictively tinkering with the task and save time.

⠿

Question 30

1 / 1 pts

A person's facet values can change with time and circumstances. True or false?

Correct!

◉ True

○ False

Quiz Score: 28 out of 30