

Question 1

50 / 50 pts

Please order the steps in the usability process.

Collect data about the target audience

1 ▼

Write persona

2 ▼

Write scenario

3 ▼

Identify evaluation criteria

4 ▼

First draft of executive summary

5 ▼

Iterative design

6 ▼

Create prototypes

7 ▼

Write the specification

8 ▼

Implementation

9 ▼

Make hypotheses about the design as built

10 ▼

Create experiments to collect data about hypotheses

11 ▼

Create a usability script

12 ▼

Conduct a usability study

13 ▼

Use qualitative data analysis tools to evaluate usability data

14 ▼

Make recommendations for improvement based on hard data

15 ▼

Question 2

25 / 25 pts

Please match the term with the definition from the Interaction Framework

The ability of the user to understand the system's symbols and/or metaphores

Interpretation ▼

What the user wishes to accomplish

Goal ▼

The user's plan for accomplishing a task

Specify Sequence ▼

The user's data or the state of the system is shown to the user

Presentation ▼

The process of the user relating the information of the interface to what he is trying to do

Evaluation ▼

The process of the user inputting data to the system

Execute Sequence ▼

The ability of the user to observe what the interface is telling him

Perception ▼

What the system needs to do so the user's needs can be accomplished

Intention ▼

Question 3

25 / 25 pts

Match the term with the definition from the Variables of Usability

The amount of confidence the user has when using the system

Trust ▼

The path to becoming proficient

Learnability ▼

The amount the user needs to know to master the system

Simplicity ▼

The amount of effort or time required to perform a task

Efficiency ▼

Does the user want to use the system?

Motivation ▼

The degree in which the interface resembles something with which the user has used before

Familiarity ▼

Clues within the design encouraging the user to form a consistent mental model of the system

Mapping ▼

The degree in which the functionality of the data of the system is available to the user when he needs it

Visibility ▼