Module 1: Assessment (Graded)

LATEST SUBMISSION GRADE

100%

1. An essential part of meeting the goals of software development (the right product, done right, and managed right) involves tracking, reviewing, and evaluating both the product and the process used to create that project in a way that is transparent to everyone on the project. This is also known as _____.

    1 / 1 point

    ○ verifying a product.

    ○ reviewing a product.

    ⦿ monitoring.

    ○ validating a product.

    ✓ **Correct**
    Correct answer. Monitoring a product involves all of these practices, and helps meet all the goals of software development.

2. Maria is working on creating a software app for a small business that will help them set up time sheets for their employees. She wants to make sure the project is on the right track. Which of the following are forms of feedback she could use to accomplish this goal? (Choose two answers)

    1 / 1 point

    ☐ continuing to work until the client says something

    ☑ a user study

    ✓ **Correct**
    This is a correct answer because user studies are considered a form of

This is a correct answer because user studies are considered a form of feedback.

☐ creating an alternative app with the same goal as this one

☑ gathering suggestions from clients and team members

✓ **Correct**

This is a correct answer because information from these sources can be used to help identify how to improve the product, or affirm it's on the right track.

3. A development team wants to verify the product they are working on. Which of the following is a way they could obtain verification?   1 / 1 point

◉ unit tests

○ user studies

○ frequent demos

○ surveys

✓ **Correct**

Correct. Unit tests ensure the functionalities of a product. They assess whether or not a product was built right, which is the goal of verification.

4. Lucy and her team are finishing a sprint on their software project, and are preparing for their sprint review meeting. Unfortunately, one of the features they had hoped to finish in this sprint does not work. One of Lucy's team members suggest they create a sample for their client demonstration that is hard coded to work with specific input values, so they can still show what the feature will do when it is finished. What should Lucy do and why?   1 / 1 point

○ Lucy should contact the clients and ask them if they would still like to come to the sprint review meeting in light of the unfinished features.

○ Lucy and her team should create the hard coded sample so clients are in a better position to give feedback.

○ Lucy and her team should present their product with only its finished features. This means the feature that was not finished this sprint should not be demonstrated. Only features that meet the definition of done should be demoed.

○ Lucy should cancel having the sprint review meeting, because there is not enough to present clients.

✓ **Correct**

Correct. Only features that meet the definition of done should be demoed, so that product owners have an accurate understanding of the product and where it is at.

5. A meeting that takes place at the end of a sprint, and allows the development team to demonstrate their product and gain feedback from stakeholders is what kind of meeting?

1 / 1 point

○ A daily stand-up.

○ A Daily Scrum.

⊙ A sprint review meeting.

○ A sprint retrospective meeting.

✓ **Correct**

Correct. A sprint review meeting is an opportunity to gain feedback from stakeholders on a product based on its finished features at that point in time.

6. Cleo is working on a project developing a piece of software to help translators create subtitles for short digital movies. In their last sprint, Cleo and her team finished a feature of their software that time-stamps videos into segments for translation. What are some important events she should expect from the sprint review meeting (Choose three answers)?

1 / 1 point

☐ One development team member speaks for the entire team during the meeting.

☑ Stakeholders offer feedback on the time-stamp feature – they believe it would be improved if the time-stamp was larger on the screen.

✓ **Correct**

This is a correct answer because this is stakeholder feedback.

☑ The translation software is demoed so stakeholders can see videos being segmented into time-stamps.

✓ **Correct**

This is a correct answer because this is the product demonstration.

☑ The product owner approves of the time-stamp feature and removes it from the product backlog.

✓ **Correct**

This is a correct answer because this is product and feature approval from the product owner.

7. Young Hae is conducting a user study on a new graphing software she has created. She has asked users to navigate the software as they would like, while she observes them in a computer lab. Young Hae is only gathering observational notes on how enjoyable users find the product, and no data of numerical value. This type of user study uses primarily _____ measures, and assess the usability element of _____.

1 / 1 point

⦿ subjective, satisfaction

◯ objective, satisfaction

◯ objective, efficiency

◯ subjective, effectiveness

✓ **Correct**

Correct. This measure is subjective, as it is observational in nature. Enjoyability is an aspect of satisfaction.

8. Many companies have developed their own methods for producing the right product. The company that expanded on the four stages of understand, explore, prototype and evaluate to include sponsor users, hill statements, and playbacks is _____.

○ Apple

⦿ IBM

○ Intuit

○ Google

✓ **Correct**

Correct. IBM is the company that developed this process, also known as Design Thinking.