

**Multiple-Choice Questions:**

1. Which of the following should a user story not do?
  - a. Describe one thing the software needs to do for the customer
  - b. Be short
  - c. Discuss specific technologies
  - d. Be written using language the customer understands
  - e. None of the above
  
2. According to the INVEST mnemonic, which of the following is a good quality of a user story?
  - a. USs are independent of one another
  - b. USs have value to the customer
  - c. USs are generally small
  - d. All of the above
  - e. None of the above

**Solutions:**

1. c

2. d



Solution:

Many possible answers...

Here's the template:

"As a <who>, I want <what> <why>."

Here are some other good attributes:

- Describe one thing
- Use customer's language
- Not be long essay
- Not use technical terms



**Solution:**

US Review Flight is better because it is customer oriented. US Animate Buttons talks about implementation technologies (jQuery) that the may know nothing about.

**Question:**

What two things are wrong with the following US description.

The interface will be implemented using jQuery.

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Solution:

1. The US mentions specific implementation technologies (jQuery).
2. The US uses technical jargon (jQuery) with which the customer may not be familiar.
3. This US would be hard to estimate/plan ("S" in INVEST)



**Multiple-Choice Questions:**

1. Which of the following is a *non-functional requirement*?
  - a. The system enables users to place lunch orders.
  - b. The system always responds to user clicks in less than one tenth of a second.
  - c. The system displays a list of hotel vacancies.
  - d. The system notifies the user when a new order arrives.
  - e. None of the above
  
2. Which question does non-functional requirements answer?
  - a. What does the system do?
  - b. When does the system do it?
  - c. Where does the system do it?
  - d. Why does the system do it?
  - e. How well does the system do it?

**Solutions:**

1. b

2. e

**Question:**

Fill in the 5 types of requirement that FURPS stands for.

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R

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P

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S

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**Solution:**

Functional

Usability

Reliability

Performance

Supportability

**Short-Answer Questions:**

For each of the following requirements specifications, give the type of the requirement with respect to the FURPS+ classification. Write the name of the requirement type (e.g., “functional”).

1. The text in menus and toolbars must be in at least a 10pt font, so it is readable to the user.

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2. A spreadsheet must use no more than 50 MB of memory at a time, regardless of how large the spreadsheet is.

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3. The document editor must be able to run continuously for one week without crashing.

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**Solutions:**

1. Usability
2. Performance
3. Reliability