

### 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
  
3. Which of the following things is wrong with this user story?

*The system should be built using the Meteor platform for making web and mobile apps in JavaScript.*

- a. Difficult to estimate
- b. Describes implementation technologies
- c. Uses technical jargon that the customer may not understand
- d. All of the above
- e. None of the above

4. Which one of the following user stories follows the template described in class?
- a. Taxpayers hate math and want someone else to calculate their tax liability.
  - b. A button should calculate the taxpayer's liability when pressed.
  - c. As a taxpayer, I want to have my tax liability automatically calculated for me, because it is tedious and error-prone to calculate by hand.
  - d. Tax liability is calculated automatically for the taxpayer.
  - e. None of the above

**Solutions:**

1. c

2. d

3. d

4. c



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)



Solution:

"Manage Ads" is better written.

Problems w/ "Rails Project":

- Describes specific technologies (Rails)
- Not written in a way that a customer could understand
- Difficult/impossible to estimate
- Its large estimate (120 days) is unlikely to be very accurate
- Not a valuable requirement to the customer

**Problems:**

For the next two questions, consider the GitHub web app.

1. Reverse engineer a user story for some functionality provided by GitHub. You may omit the estimate and priority. Use the full template and style guidelines given in class.

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2. Describe two things that are wrong with this user story for GitHub functionality.

<p><b>AJAX Profile Form</b> The update-profile form should use AJAX so that when the user presses the "Update profile" button, the data is saved, but the page does not reload.</p>
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## Solutions:

1.

Many possible answers. Here's the template:

Title: <verb> <noun>

Description: As a <who>, I want <what> <why>.

2.

(1) Mentions specific implementation technology (AJAX)

(2) Uses technical jargon (AJAX) that the customer might not understand

(3) Mention specific features of the user-interface design (button)



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:**

Many possible answers. Here are the templates:

Title: <verb> <noun>

Description: As a <who>, I want a <what> <why>.

Here are some key attributes:

- Describe one thing
- Use customer's language
- No be long essay
- Not use technical terms



**Solution:**

(1) Mentions specific implementation technology, jQuery.

(2) Uses technical jargon, jQuery, that the customer might not understand.

(3) Mentions specific features of the user-interface design, pages and rich text editor widget.



## Solution:

Many possible answers. Here are the templates:

Title: <verb><noun>

Description: As a <who>, I want to <what> <why>.

Some key attributes are describing one thing, using the customer's language, not being a long essay, and not using technical jargon.

Here's an example:

Title: Make repository private

Description: As a repository owner, I want to make the repository private, so I can keep my work private until such a time that I choose to release it.



**Solution:**

Three possible things:

(1) Mentions specific implementation technology (AJAX)

(2) Uses technical jargon that the customer might not understand (AJAX again)

(3) Mentions specific features of the user-interface design ("x" buttons)