

Requirements Activity

(yes, you get credit for this)

1. Form Groups

- Form large groups (maybe 8-10 people/group)

3. Take on the role of user

- You have been given a sample system. It has a name and brief description
- Look at your sample system as a group, and imagine that you are users of the system.
- Construct some (5? 3? 8?) simple user stories to indicate the functionality you would expect from the tool.
- User stories look like this:
As a <ROLE>, I want to <GOAL> in order to <BENEFIT>
- Also indicate what it means for the feature to be done (acceptance criteria)

4. Send someone to another group

- One person from each group has to get up, and go visit another group.
- DO NOT BRING YOUR USER STORIES WITH YOU!

5. Take on the role of developer

- **visitor remains a user**
- **group being visited becomes the development team.**
- Using the interview concepts we've just discussed, ask the user questions about their application.
- Form user stories (and acceptance criteria) from what you learn from the user.
- The user is NOT ALLOWED to simply tell you their user stories, or even the name of their application. You have to work out, by asking open ended questions (about preferences, or even ethnography), and by honing your follow-up questions, what the user stories should be.

6. Give the user their stories

- And send them back to their seats with their new user stories.
- Thank them for their time!

7. Now let's take a look at these!

- Let's take a look at these user stories, and see whether they live up to our user story criteria. Remember, a user story should be:
 - **I**ndependent
 - **N**egotiable
 - **V**aluable
 - **E**stimable
 - **S**mall
 - **T**estable

8. Let's fix these up a bit

<https://help.rallydev.com/writing-great-user-story>

The screenshot shows the 'Edit User Story' interface for 'US9: Credit card payments'. The interface is divided into several sections: General, Attachments, Owner, and Schedule. Annotations with arrows point to specific fields and sections, explaining their purpose:

- Story name:** Points to the 'Name' field, which contains 'Credit card payments'.
- Value statement:** Points to the 'Description' field, which contains the text: 'As a purchaser on the website, I want the ability to pay with a credit card, So that I may immediately confirm my purchase.'
- What is required for the business and product owner to accept the story:** Points to the 'Acceptance Criteria' section, which lists requirements such as 'Accept Discover, Visa, MC', 'Validate CC# when entered', 'Validate expiration date and CVV', 'Validate billing address', and 'Generate success and failure messages after processing'.
- What is required by the team (quality/standards) before sending out for review. Does not change from one story to another. Mature teams may post this on the wall of the team working area instead of within each story.:** Points to the 'Definition of Done' section, which lists requirements such as 'Passes all regression tests', 'Passes testing per acceptance criteria items', 'Approved by UI Team', and 'Able to show feature in company demo'.
- Attach details and documents when necessary:** Points to the 'Attachments' section, which shows a file named 'mockup.png' with a description 'Mockup of entry form'.
- Size (effort) estimate, in relative points:** Points to the 'Plan Est' field, which is set to '8.0 Points'.

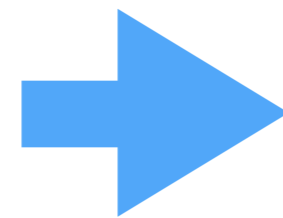
Other visible fields include 'ID: US9', 'Tags: Choose Tags', 'Owner: Greg', 'State: Defined', 'Iteration: Unscheduled', and 'To Do: 0.0 Hours'. The bottom of the interface has buttons for 'Save & Close', 'Save & New', 'Save', and 'Cancel'.

Another example of acceptance criteria

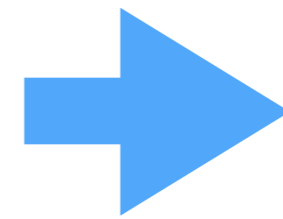
Acceptance criteria refines and further specifies what the user story means.

Acceptance criteria can be written when the story is written, or when a story is picked.

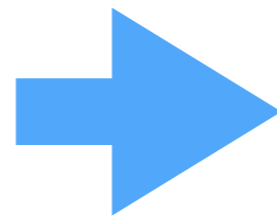
As a user of the library catalogue, I want advanced search options on the front page so that I can quickly and easily refine my search.



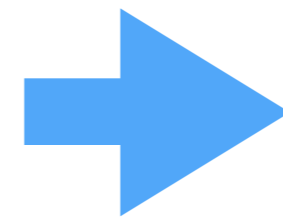
I can limit the search by format/type.



I can delineate the search by date range.



I can restrict the search to a particular website/catalogue, collection.



I can filter by availability.