

Backlog Grooming/Backlog Refinement:

- Backlog grooming is a regular session where backlog items are discussed, reviewed and prioritised by the product owner.
- The primary goal of backlog grooming is to keep backlog up to date and ensure that backlog items are prepared for upcoming sprint
- In other words we can say the Product owner will explain the requirements for the next 2-3 sprints and arrange all requirements in the product backlog according to the priority.

User Story:

- A user story is an informal, general explanation of a software feature written from the perspective of the end user.
- User story consist of:

1. User story id:

Example: US001, US002

2. Title:

Example: Login, Signup, Forgot Password etc

3. Description: User story description syntax/format as below:

As A (Who/Role)

I want (What)

So that (Why)

Example:

As a user

I want login functionality

So that i will access to the account

4. Acceptance Criteria:

Acceptance criteria are the conditions that software products must meet to be accepted by users and customers. They are unique for each user story and define the feature from the end user perspective.

Syntax/Format:

Given...(A Context/Precondition)

When..(An Event/Action)

Then...(An Outcome/Result)

Example:

Condition 1:

Given registered user

When user enter valid credential

Then user navigate on home page

Condition 2:

Given registered user

When user enter invalid credential

Then system need to show validation/error message

Agile vs Waterfall:**Agile:**

- Agile model use incremental and iterative approach.
- Changes in requirement are allowed at any time/stages.
- Customer satisfaction is more
- Useful for large and complex project
- It is more flexible as compare to waterfall model

Waterfall:

- Waterfall model use linear and sequential approach
- Changes in requirement is not allowed
- Customer satisfaction is less
- Useful for small project
- It's not flexible as compared to the Agile model.