Important Points for the section

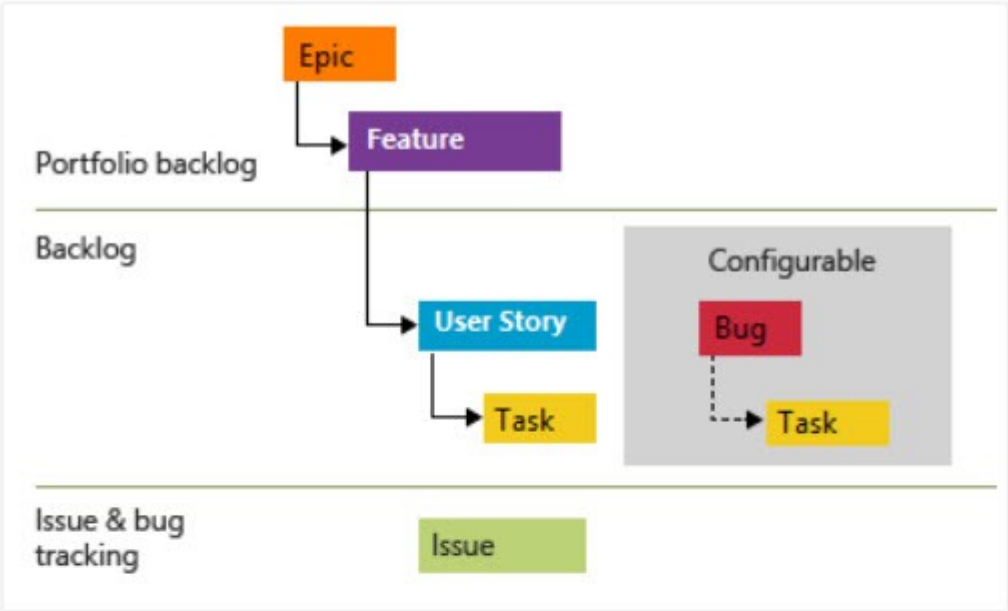
1. Azure DevOps Process

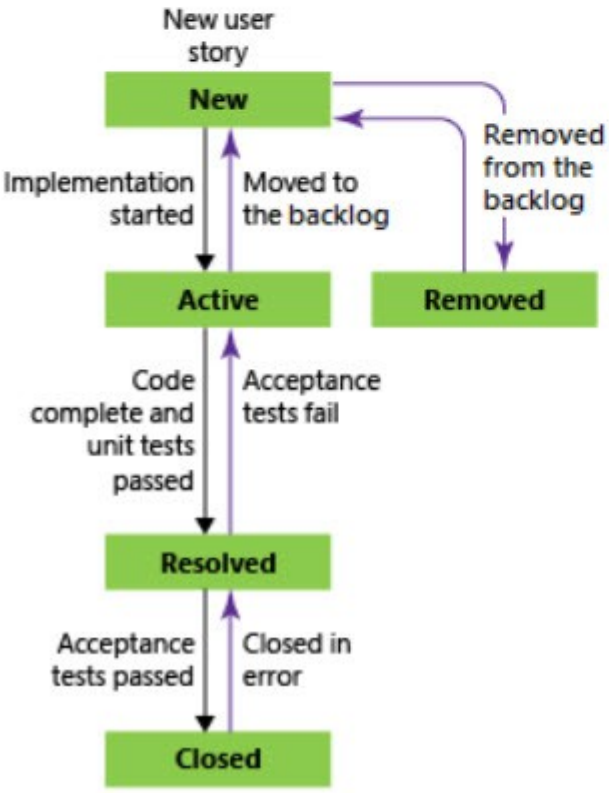
Please ensure to go through the below link for the different process available in Azure DevOps

https://docs.microsoft.com/en-us/azure/devops/boards/get-started/what-is-azure-boards?view=azure-devops&tabs=agile-process

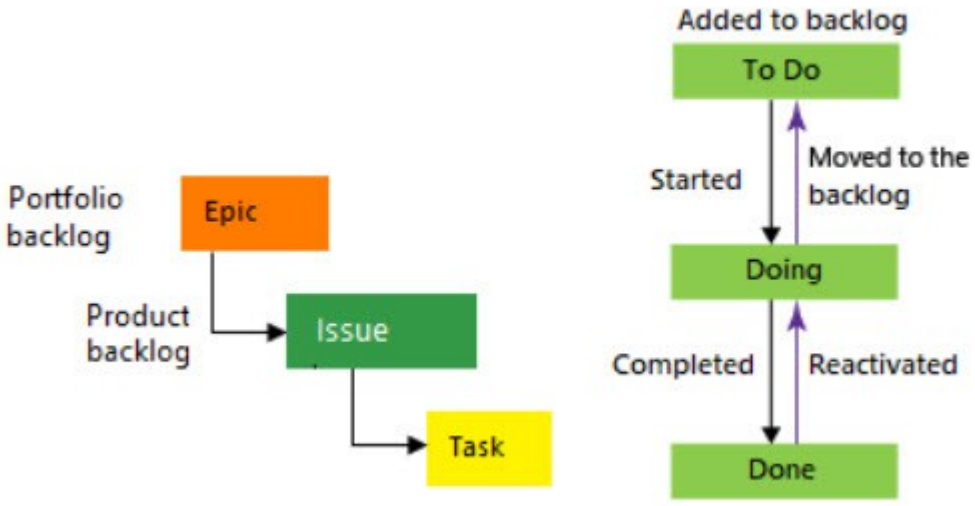
Posting the different process diagrams from the above link

Agile Process

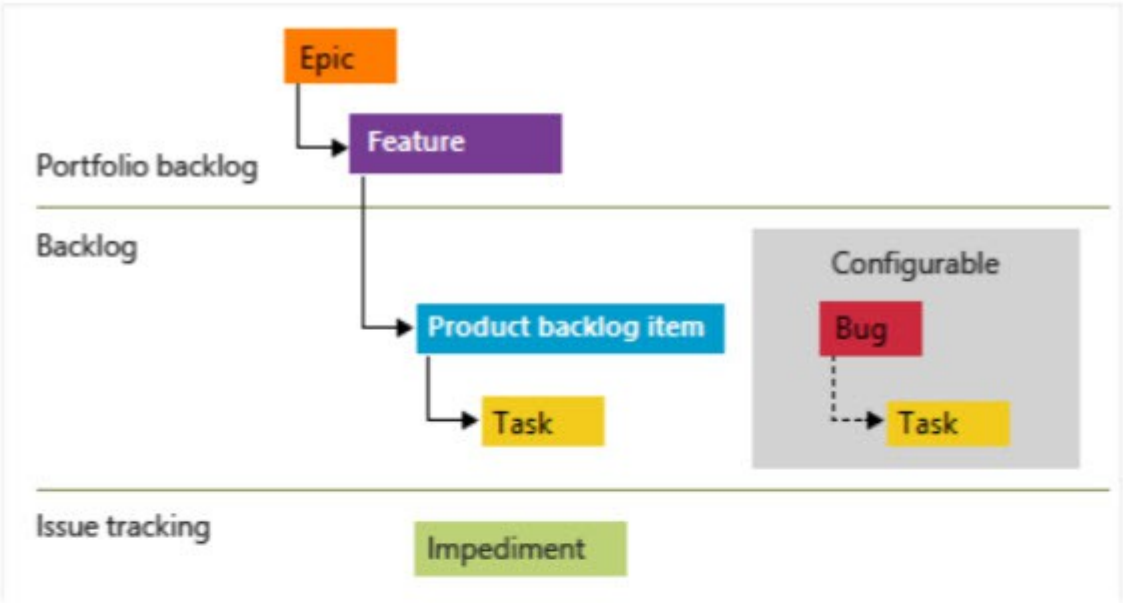




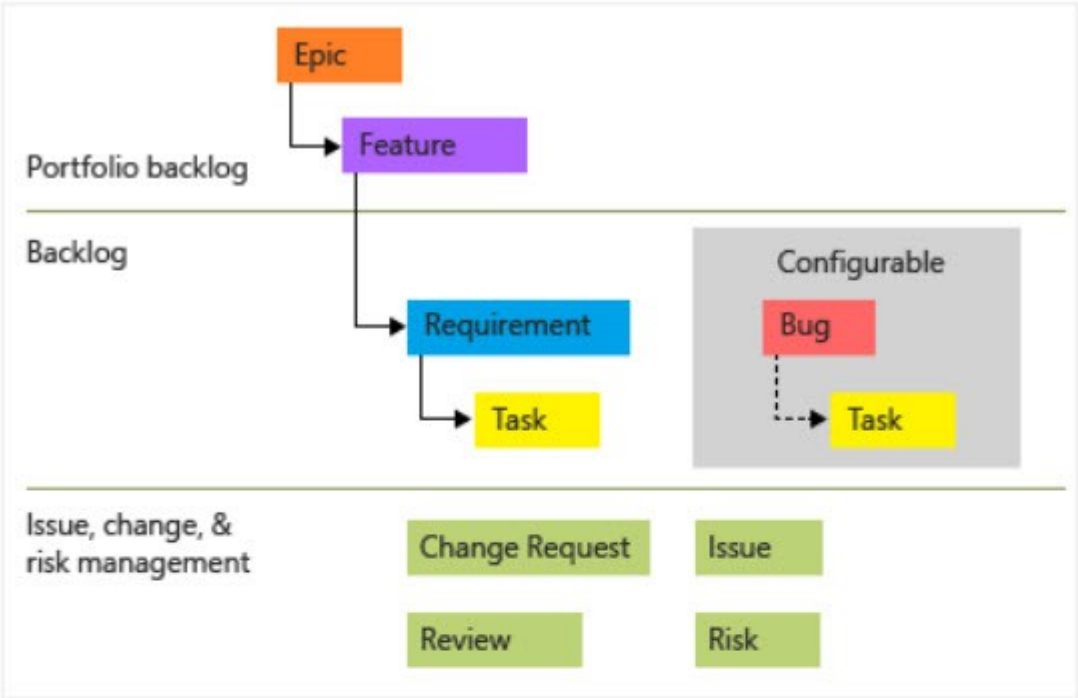
Basic Process

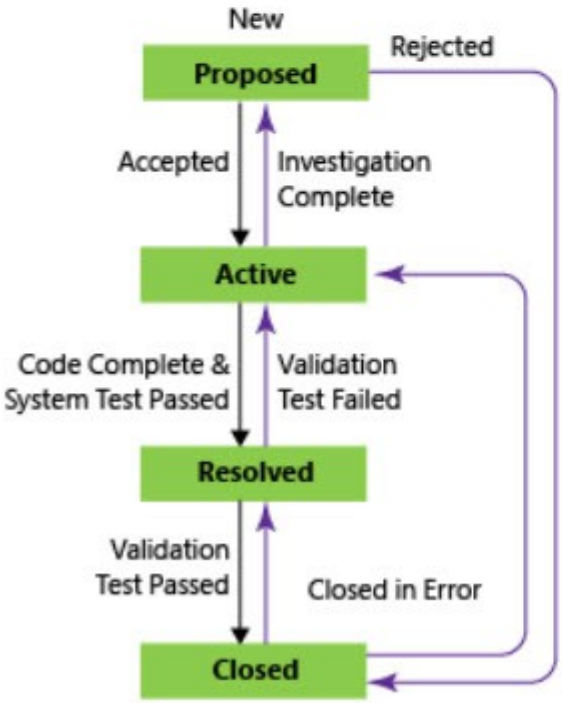


Scrum process



CMMI - Capability Maturity Model Integration (CMMI)





2. Integration with Microsoft teams and slack

Microsoft Teams

- You can use the Azure Boards app for Microsoft Teams to create work items and monitor work item activities from within the Teams channel itself.
- Here you can setup and manage subscriptions for creating and updating work items.
- You can receive and manage notifications for work items events in the Teams channel
- Link a channel to an Azure Boards project - @azure boards
  link https://dev.azure.com/techsup1000/app-project

Slack

- Here you can use Azure Boards app for Slack to create work items and monitor for work item activity from within the Slack channel itself.
- Link a channel to an Azure Boards project - /azboards
  link https://dev.azure.com/techsup1000/app-project

3. Different charts in Azure DevOps Boards

Giving the reference for the different charts

https://docs.microsoft.com/en-us/azure/devops/report/dashboards/overview?view=azure-devops

Burndown

Displays burndown across multiple teams and multiple sprints. Create a release burndown or bug burndown.

Focus on the remaining work within the specified period of time

Burnup

Displays burnup across multiple teams and multiple sprints. Create a release burnup or bug burnup.

Focuses on the completed work

Are we on track to complete the set of work by the end date

Chart for Work Items

Visualize work items like bugs, user stories, and features using shared work item queries.

Cumulative Flow Diagram (CFD)

Visualize the flow of work and identify bottlenecks in the software development process.

This helps to see the items as they move through the different states

Cycle Time

Visualize and analyze your team's cycle time using a control chart.

Measures the time taken for the team to complete work items once they have begun actively working on them

Lead Time

Visualize and analyze your team's lead time using a control chart.

Measures the total time elapsed from the creation of work items to theire completion