

Creation of Epic Feature User Stories and Task

Epic:

- **Definition:** An epic is a large body of work that can be broken down into smaller tasks or stories.
- **Example:** "Build a LMS App" could be an epic. It's a big goal that involves many smaller pieces of work.

User Story:

- **Definition:** A user story is a small, specific piece of functionality that delivers value to the end-user.
- **Example:** "As a user, I want to be able to log in with my email and password." It's a focused task that contributes to the larger epic.

Task:

- **Definition:** A task is a detailed to-do item that needs to be completed to fulfill a user story.
- **Example:** Within the user story of logging in, tasks could include "Create login form UI," "Implement backend authentication," and "Write tests for login functionality."

Feature:

- **Definition:** A feature is a distinct, valuable piece of functionality in your application.
- **Example:** "Push Notifications" could be a feature. It might involve multiple epics, user stories, and tasks to implement.

New Terms :

- **Epic:** Represents a large body of work that can be broken down into smaller units.
- **User Story:** Represents a feature or functionality from an end user's perspective.
- **Task:** Represents a specific piece of work that needs to be done to complete a user story.
- **Bug:** Represents a defect or issue that needs to be addressed.
- **Backlog :** "Backlog" refers to a prioritized list of work items that need to be completed as part of a project. The backlog is a central place where the entire development team can view, prioritize, and manage the work that needs to be done.
- **Scrum :** Scrum project refers to a project that follows the Scrum framework for agile software development. Scrum is one of the most widely used agile methodologies, and it emphasizes iterative development, collaboration, and flexibility in responding to change. Azure DevOps provides a set of tools and features that support Scrum practices, allowing teams to plan, track, and deliver their work using Scrum principles.

Steps

Create a Project a scrum project


Create new project

Project name *

project1

Description


Visibility



Public

Anyone on the internet can view the project. Certain features like TFVC are not supported.

☐



Private

Only people you give access to will be able to view this project.

☒

Public projects are disabled for your organization. You can turn on public visibility with [organization policies](#).

^ Advanced

Version control ?

Git

▼

Work item process ?

Scrum

▼

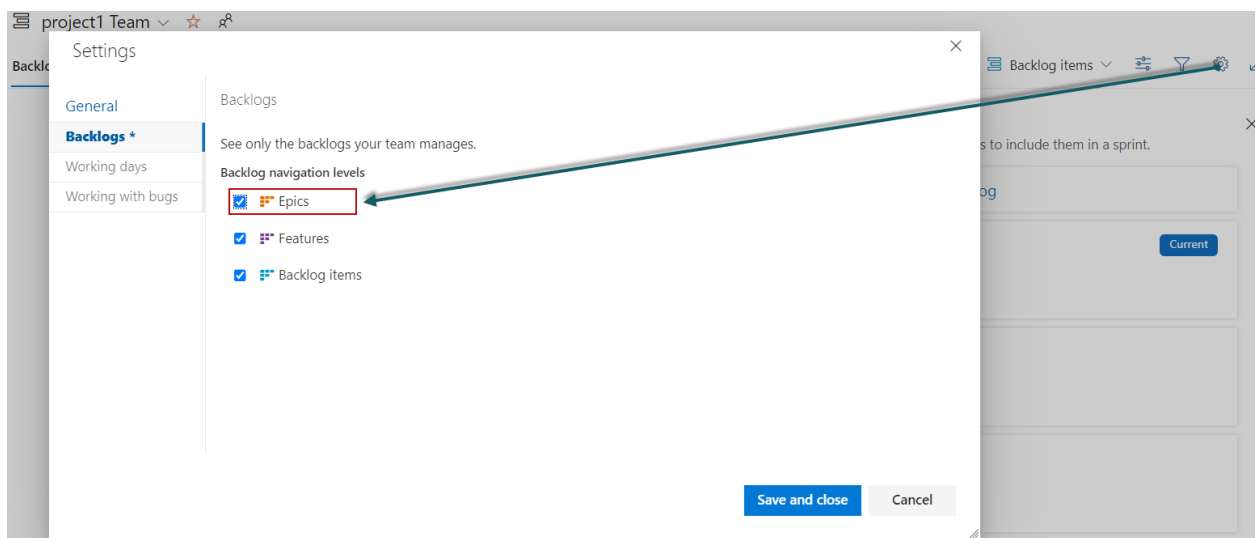
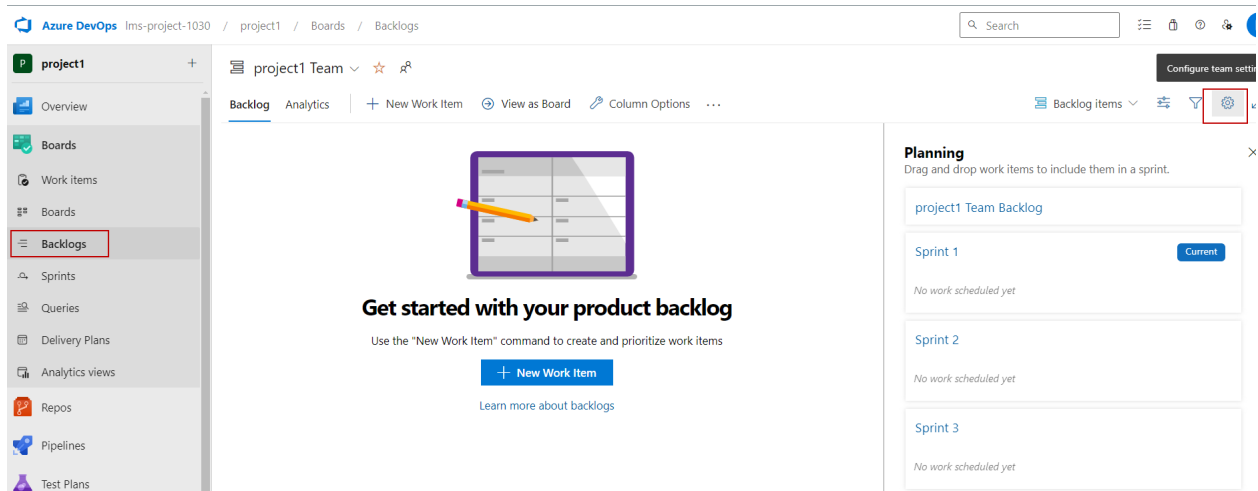
Cancel

Create

Enabling the Epic options as shown in figure below

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3



Goto work item and create a Epic first

Azure DevOps lms-project-1030 / project1 / Boards / Work items

project1 +

- Overview
- Boards
- Work items**
- Boards
- Backlogs
- Sprints
- Queries
- Delivery Plans
- Analytics views
- Repos
- Pipelines
- Test Plans
- Artifacts

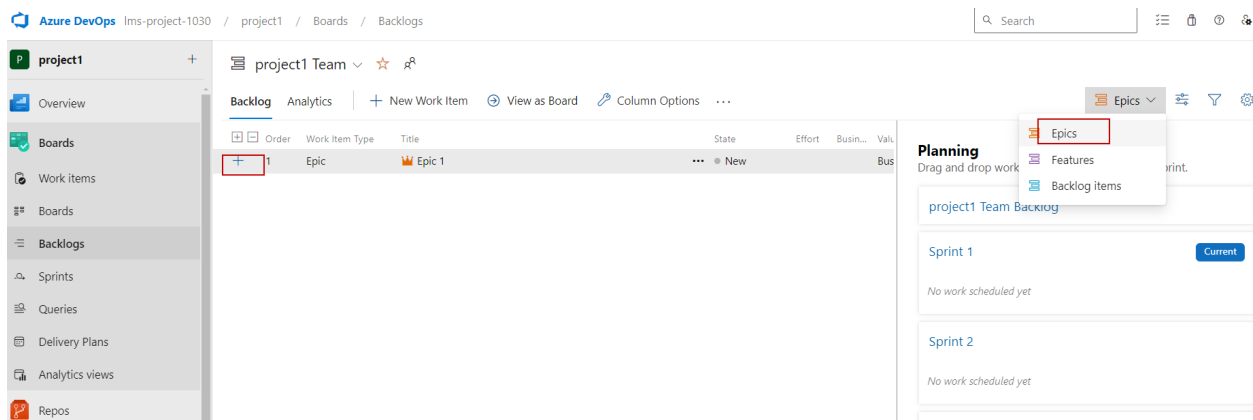
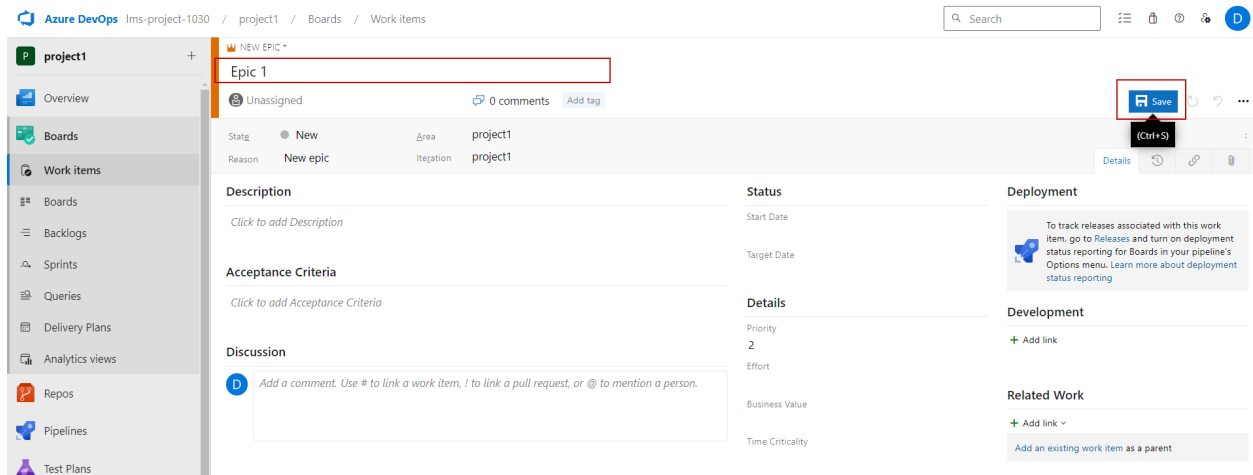
Work items

Recently updated ▾ | + New Work Item ▾ ↻ Open in

Filter by keyword

- Bug
- Epic**
- Feature
- Impediment
- Product Backlog Item
- Task
- Test Case

Provide details of the epic



Add a feature which will be under the epic

NEW FEATURE +

Feature 1

Unassigned 0 comments Add tag

Save & Close

State

New

Area

project1

Reason

New feature

Iteration

project1

Details

🕒 (1)

🔖

Description

Click to add Description

Acceptance Criteria

Click to add Acceptance Criteria

Discussion

Add a comment. Use # to link a work item, ! to link a pull request, or @ to mention a person.

Status

Start Date

Target Date

Details

Priority 2

Effort

Business Value

Time Criticality

Deployment

To track releases associated with this work item, go to Releases and turn on deployment status reporting for Boards in your pipeline's Options menu. [Learn more about deployment status reporting](#)

Development

+ Add link

Related Work

+ Add link

Parent

👑 2 Epic 1

then backlog and multiple tasks

project1 Team

☆

🔍

Backlog

Analytics

+ New Work Item

🕒 View as Board

🔗 Column Options

...

Order	Work Item Type	Title	State	Effort	Busin...	Valu
1	Epic	👑 Epic 1	● New			Bus
	Feature	🏆 Feature 1	● New			Bus
	Product Backl...	📋 Backlog	● New			Bus
	Task	📌 Task 1	... ● To Do			
	Task	📌 Task 2	● To Do			

Example :

Epic 1 - Dev environment setup
Feature 2 - Setup dev environment on AZURE
US 1 - Create LMS Infrastructure - AZURE
Task 1 : Create VNET with three subnets i.e public subnet, middleware subnet & database subnet.
Task 2 : Create Firewalls for Postgres (Port 5432), Nodejs Runtime (Port 8080) & Frontend (Port 80/443)
Task 3 : Create Database Server in database subnet and install Postgres Software
Task 4 : Create Application Server in middleware subnet and install Nodejs Runtime
Task 5 : Create Frontend Server in public subnet and install Nginx Web Server
US 2 - Create LMS Azure Pipeline - CD / CD
Task 1 : Integrate Slack to Azure or updating build status to lms slack channel
Task 2 : Create a Pipeline for LMS Backend
Fetch latest changes from lms repository and perform the build
Update backend build artifacts to Application Server and start backend application
Send build status to lms slack channel
Task 3 : Create a Pipeline for LMS Frontend
Fetch latest changes from lms repository and perform the build
Update frontend build artifacts to Frontend Server
US 3 - Create LMS DNS Services
Task 1 : Register Domain Name for LMS
Task 2 : Install Certbot for HTTPS LMS Secure Access
US 4 - LMS Monitoring - Site Availability
Task 1 : Setup Monitoring Server in public subnet
Task 2 : Install Prometheus & Grafana
Task 3 : Create LMS Dashboard and display CPU, Memory & Disk Usage Metrics
Task 4 : Create Dashboard for Operational Time for LMS Services