

Agile Artifacts – Sprint Backlog

Task name: Create Agile Artifacts – Sprint Backlog

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Step 1: Understand the Sprint Backlog

A Sprint Backlog is a list of tasks or items your team plans to complete during a sprint. It includes:

- **Backlog Items:** Specific tasks or deliverables.
- **Dependencies:** Tasks that depend on others to be completed first.
- **Resolutions:** How dependencies are resolved or addressed.

Step 2: Sprint Backlog Dashboard

Backlog Item	Description	Priority	Status	Dependencies	Resolution Plan
Task 1: Setup Jenkins Pipeline	Configure Jenkins for CI/CD pipeline	High	Not Started	Access to Jenkins and Repo Details	Request access from Admin, verify permissions
Task 2: Create Builds spec File	Write the builds spec.yml file for CodeBuild	High	In Progress	Project Code and GitHub Access	Collaborate with Dev Team for GitHub details
Task 3: Deploy Test Application	Deploy the sample app on EC2 using CodeDeploy	Medium	Pending	Task 1 completion	Wait for CI/CD setup, validate deployment
Task 4: Testing and Verification	Perform end-to-end testing of the pipeline & deployment	Low	Not Started	Task 3 completion	Test using predefined test cases and validate logs

What I Learned from It

Creating the Sprint Backlog for the DevOps Onboarding Project taught me how to identify and prioritize tasks effectively. I learned to break down complex work into manageable items, such as configuring the CI/CD pipeline, writing a builds spec file, and deploying applications. Managing dependencies, like ensuring access to Jenkins and GitHub, was a key focus, as it highlighted the importance of proactive communication to resolve blockers. Additionally, the feedback from the project owner provided valuable insights into refining the backlog to align with project goals.

How It Will Be Applicable in Real Work Life

This structured approach will be invaluable in managing real-world projects. It ensures clarity in task assignments, minimizes delays by resolving dependencies early, and helps maintain focus on high-priority tasks. By following this methodology, I can streamline collaboration, improve sprint outcomes, and enhance overall productivity, making it easier for teams to achieve their goals consistently and efficiently.