

 SPECKit Plus

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Task: 7

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 SPECKit Plus – Short Note:

SPECKit Plus is a **structured Specification-Driven Development (SDD) framework** used to plan, design, and build AI agents or software systems. It divides development into **clear and logical phases** to make the final product **reliable, testable, and easy to maintain**.

Before writing any code, the problem is fully understood, requirements are defined, and development is planned systematically. SPECKit Plus **reduces mistakes, improves clarity, and ensures efficient software engineering**.

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**1** /Constitution Phase:

Defines **project foundation**: intent, purpose, scope, and boundaries. Clarifies what is being built, why, who will use it, and what problems are being solved.

## **2** /Specify Phase:

Converts intent into **detailed requirements**. Defines features, inputs, outputs, workflows, and rules. Provides a clear blueprint for development.

## **3** /Plan Phase:

Designs architecture, modules, APIs, workflows, tools, timelines, and dependencies. Transforms requirements into a build strategy.

## **4** /Tasks Phase:

Breaks the plan into **small tasks (15–30 minutes each)** with one goal and one acceptance criterion. Ensures smooth progress, reviewability, and easy debugging.

## **5** /Implement Phase:

Executes tasks **step-by-step**, tests and validates each output, commits progress, and builds the final system aligned with the plan.