🌐 AI-Driven Development – 30-Day Challenge-Task-7

What is Spec-Kit Plus?

Answer: Spec-Kit Plus is a framework for Spec-Driven Development with Reusable Intelligence (SDD-RI) a methodology that encourages developers to treat each project not only as "code delivery," but as an opportunity to capture reasoning, patterns, decisions and knowledge, so that future projects become easier and smarter.

The 5 Core Concepts / Phases

When using Spec-Kit Plus, projects go through structured phases (core concepts), each with a distinct purpose.

➢ **/constitution**

The constitution phase defines project-wide standards, policies, and "quality DNA" that will apply to *every* feature or change. This includes conventions like coding style, architecture patterns, allowed libraries/dependencies, naming conventions, testing standards, performance/security requirements, etc.

➢ **/specify**

The specify phase captures the *what* and *why* of the feature or change. That means writing a specification (functional requirements, acceptance criteria, user stories, edge cases, success metrics, etc.) *before* any technical decisions or coding begin.

➢ **/plan**

The plan phase defines *how* to build the specified feature: technical architecture, stack choices, data contracts, infrastructure decisions, external dependencies, code structure, and other non-functional requirements (performance, security, testing, deployment).

➢ **/tasks**

The tasks phase breaks the plan down into small, manageable units concrete tasks/sub-tasks that can be individually implemented, reviewed, and validated.

Rather than "build whole feature," you define precise tasks like "create API endpoint for user login," "add validation logic," etc.

➢ **/implement**

The implement phase is where actual code gets written typically by the AI assisted agent following exactly the spec, plan, and tasks. That means implementing each task, one by one, ensuring they satisfy requirements and respect project constitution & plan.

Completed by:
Ghulam Akber
Role No: 00231794