Day 13: Form Handling & State Management Pattern

Title: *"BookVerse: Add New Book and Manage Data Flow"*

User Story

As an **admin**,
 I want to add new books through a form with validation,
 So that I can expand the book collection easily.

Acceptance Criteria

- Use **Formik** for form handling and **Yup** for validation (title, author, price required).

- Implement **Flux pattern**:

    - Create **Actions** (Add Book), **Dispatcher**, and **Store**.

    - Reflect the newly added book on the home page.

- Demonstrate **Dependency Injection** for modular store management.

- Explain **component lifecycle** within the Flux context (data flow).

- Wrap up by showcasing SPA behavior — smooth navigation without page reloads.

Technical Focus

- Formik & Yup (Form Handling + Validation)

- Flux Architecture (Action, Dispatcher, Store)

- Dependency Injection

- SPA Lifecycle & Data Flow

Time Estimate: ⏱ 60 mins