Month 2 Review — Days 4–6

Structure, Guards, and Feature Thinking

Day 4 — Structure (Why Code Order Matters)
JavaScript runs top to bottom, so order is meaning. Code is organized into state, DOM access, logic, and events. Declaring before using prevents reference errors and makes behavior easier to understand.

Day 5 — Guards & Safety (Professional JavaScript)
Production JavaScript must fail safely. Guards prevent crashes when DOM elements are missing. The init() function acts as the entry point and allows graceful exits using return.

Day 6 — Feature Thinking (How Developers Build)
Features describe user-visible behavior before code is written. Each feature maps to events, state, logic, behavior, and guards.

Reusable Mental Model
On load: initialize UI from state. On event: update state then update UI. Always guard against missing pieces.