

Month 2 — Day 7 Review

Status Badge Feature (Feature-Based Thinking)

Feature Definition

User sees a status label that always reflects whether the message is Visible or Hidden.

Why This Feature Was Easy to Add

The existing structure already separated state, logic, and behavior.

Behavior Pattern Used

A new behavior function updates the DOM based on the existing state variable.

Controlled Breakage Result

Removing the update call caused the UI to fall out of sync without crashing.

Core Lesson

State does nothing by itself; the UI updates only when explicitly told to.