

# Component Design Standardization

3 hours

Design Systems

Advanced

Turn interface chaos into reusable system. Component standardization consolidates variations into consistent, well-defined patterns that scale. This wor...

## H HOW TO RUN

- 1 Review Component Inventory** 30 min
  - Start with UI pattern inventory (previous exercise). Look at all variations of each component type. How many button styles exist? Card layouts? Form patterns? Get clear picture of current diversity.
- 2 Define Standard Components** 60 min
  - For each component type, design THE standard version. What variations are truly necessary? (Primary/secondary buttons: yes. 8 button colors: probably no.) Define: when to use, required elements, optional elements, allowed variations, forbidden variations. Document ruthlessly.
- 3 Create Usage Guidelines** 50 min
  - For each standard component, write rules: "Use primary button for highest-priority action per screen," "Cards always have title, optional description and image," "Never nest cards inside cards." Guidelines prevent misuse and ensure consistency.
- 4 Plan Migration** 40 min
  - You now have standards but legacy product with old variations. Create migration plan: which old components map to which new components? What breaks during migration? What's the rollout sequence? Don't let perfect future standards paralyze current work.

### KEY TIP

\*Necessary vs. Nice Variation\*\*

## O OBJECTIVES

- > Consolidate component variations into standard set
- > Define clear rules for when and how to use each component
- > Create reusable components that reduce design and dev work
- > Build foundation for scalable design system

## M MATERIALS

- Component inventory from previous audit
- Design tools for creating standards
- Documentation templates
- Code examples for technical specs
- Migration planning tools

## P PARTICIPANTS

3-5

## F FACILITATOR NOTES

### REMEMBER

- Every variation has cost.
- Ask: does this variation serve genuinely different need or is it just preference? "We wanted a blue button for this feature" isn't justification.
- Resist variation unless functionally necessary.
- \*Documentation Is Everything\*\*