PRACTICAL EXERCISE

EX-50N

USAREUR-AF

EX_50N — Advanced UI/UX Designer

Practical Exercise — SL 5N Proficiency

HEADQUARTERS
UNITED STATES ARMY EUROPE AND AFRICA
(USAREUR-AF)
Wiesbaden, Germany

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EX_50N — ADVANCED UI/UX DESIGNER

PRACTICAL EXERCISE — SL 5N PROFICIENCY

Field	Value
Version	1.0 — March 2026
Prerequisite	SL 4N REQUIRED (Go evaluation on file); SL 5N — Advanced UI/UX Designer Technical Manual
Duration	3–4 hours
Environment	MSS with Workshop access, design tool (Figma or equivalent) — see EX_40N ENVIRONMENT_SETUP.md (same environment)

COMPANION RESOURCES

Resource	Reference
Technical Manual	SL 5N — Advanced UI/UX Designer
Syllabus	SYLLABUS_TM50N
Pre-Exercise Exam	EXAM_TM50N_PRE
Post-Exercise Exam	EXAM_TM50N_POST

SCENARIO

The MSS application portfolio has grown to 10+ Workshop applications built by different teams over the past year. Consistency is degrading — each application uses slightly different status colors, navigation patterns, and data table layouts. The OPDATA team needs a design system foundation, a DDIL-aware redesign of a key application, and a governance proposal to prevent further drift.

TASK LIST

Task 1 — Design System Component (45 min)

- ☐ Select a common UI element used inconsistently across MSS applications (e.g., status indicator, data table, filter bar)
- ☐ Design a standardized component with full documentation: variants, accessibility notes, do/don't examples, data binding, responsive behavior
- ☐ Define associated design tokens (color, typography, spacing) with governance classification (locked vs. configurable)

Standard	Criteria
Go	Component documented per SL 5N §2-2 standard; tokens have governance rules; accessibility notes complete
No-Go	Component lacks documentation, tokens, or accessibility specification

Task 2 — DDIL-Aware Redesign (45 min)

- ☐ Select an existing MSS application design (from SL 4N exercise or provided example)
- ☐ Redesign for DDIL resilience: add data freshness indicators, offline-first interaction patterns, graceful degradation
- ☐ Design for all four DDIL tiers (full connectivity, degraded, intermittent, disconnected)
- ☐ Annotate the design with tier-specific behavior for each data element and interaction

Standard	Criteria
Go	All four DDIL tiers addressed; freshness indicators on data elements; offline interaction patterns specified; degradation is graceful (not blank screens)
No-Go	Fewer than 4 tiers addressed; no freshness indicators; disconnected state shows blank/error screen

Task 3 — Cross-Domain UI Specification (30 min)

- ☐ Select an MSS application that users access at multiple classification levels (e.g., a readiness dashboard available at both SECRET and TOP SECRET)
- ☐ Design the classification transition experience: banner placement, session boundary UI, and deliberate user action required to cross domains

- ☐ Specify multi-classification display rules: how data from different classification levels is visually separated, how classification markings persist during scroll/modal/overlay, and how print output retains markings on every page
- ☐ Annotate the design with ISSM review checkpoints — identify which design decisions require ISSM approval before implementation

Standard	Criteria
Go	Classification banners visible at all times (never hidden by scroll, modal, or overlay); domain transition requires deliberate user action; data from different classification levels visually separated with ISSM-approved design; ISSM review checkpoints identified
No-Go	Classification banners can be obscured; domain transition is automatic or ambiguous; mixed-classification data displayed without explicit separation; no ISSM review checkpoints

Task 4 — Coalition-Ready Interface (30 min)

- ☐ Redesign a key screen from Task 2 or Task 3 for coalition partner use in a multinational USAREUR-AF context
- ☐ Replace idioms, unexpanded abbreviations, and culturally ambiguous elements with plain-language equivalents suitable for non-native English readers
- ☐ Apply international date/time conventions: DTG standard for military use, ISO 8601 as fallback — no MM/DD/YYYY format
- ☐ Add REL TO releasability markings alongside classification banners; design filter controls that enforce releasability restrictions
- ☐ Verify metric-primary unit display for coalition contexts and document any dual-display requirements

Standard	Criteria
Go	No unexpanded abbreviations or idioms in user-facing labels; date/time uses DTG or ISO 8601 (no MM/DD/YYYY); REL TO markings displayed alongside classification; releasability filter controls enforce restrictions; units of measure are metric-primary
No-Go	Abbreviations without expansion; MM/DD/YYYY date format present; no releasability markings; filter controls do not enforce releasability; units default to imperial without metric

Task 5 — Governance Proposal (30 min)

- ☐ Propose a design review governance process: review types, triggers, reviewers, criteria
- ☐ Define 3+ design quality metrics with targets
- ☐ Propose a research repository structure for sharing insights across MSS design teams

Standard	Criteria
Go	Governance process is actionable (not aspirational); metrics have measurable targets; research repository structure is defined
No-Go	Governance process is vague; no measurable metrics; no research repository