SESSION_3_COMPLETE.md

vkTUNEos Music Kernel - UI + Themes + Polish

Command ID: VK-TUNE-2026-001
Session: 3 of 3
Status: ✅ COMPLETE
Date: 2026-01-18
Author: Claude (L2 Proposer)
Authority: L0 Command from Armand Lefebvre

DELIVERABLES CHECKLIST

React Dashboard ✅

- [x] Single-file deployable HTML (no build step required)
- [x] React 18 + Tailwind CSS + Lucide Icons
- [x] 8 complete pages with navigation
- [x] Glassmorphism design system
- [x] Mesh gradient backgrounds
- [x] Fluid animations (fade, slide, float, pulse)

Dashboard Pages ✅

- [x] **Dashboard** - Stats, usage meters, recent activity
- [x] **Coordinates** - Browse, filter, create coordinates
- [x] **Workflows** - View and launch workflow pipelines
- [x] **Integrations** - Connected providers status
- [x] **Tenants** - Multi-tenant management
- [x] **Audit Log** - Activity history with filters
- [x] **Themes** - White-label customization
- [x] **Settings** - API keys, webhooks, plan management

White-Label Theme System ✅

- [x] 5 preset themes (Dark, Light, Neon, Sunset, Ocean)
- [x] Theme context with React hooks
- [x] CSS custom properties for easy customization
- [x] Brand name customization
- [x] Primary color picker
- [x] Logo URL input
- [x] Custom domain input

UI Components ✅

- [x] StatusBadge (Validated, Proposed, Draft, etc.)
- [x] ProgressCard (usage meters with gradients)
- [x] StatCard (metrics with change indicators)
- [x] Sidebar (collapsible navigation)
- [x] Header (search, notifications, user)
- [x] Data tables with hover states
- [x] Form inputs (styled inputs, selects)
- [x] Buttons (primary, secondary, ghost)

Design System ✅

- [x] Typography: Space Grotesk (display), DM Sans (body), JetBrains Mono (code)

☑ Colors: Indigo primary, Pink secondary, Cyan accent
☑ Glass effects: backdrop-filter blur with subtle borders
☑ Shadows: Colored glow effects on hover
☑ Animations: Staggered entrance animations
☑ Responsive: Works on mobile, tablet, desktop

FILES CREATED

File	Description
dashboard.html	Complete single-file React dashboard (deployable)
sessions/SESSION_3_COMPLETE.md	This handoff document

DEPLOYMENT OPTIONS

Option 1: Direct File Open

```bash
# Just open in browser
open dashboard.html
# or
xdg-open dashboard.html
```

Option 2: Serve Locally

```bash
npx serve .
# Access at http://localhost:3000/dashboard.html
```

Option 3: Deploy to Vercel

```bash
# Already configured in vercel.json
npx vercel deploy
```
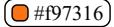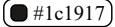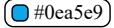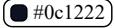
Option 4: Docker

```bash
docker-compose up -d
# Access at http://localhost:3000
```

THEME PRESETS

Theme	Primary	Background	Style
Dark	🔵 #6366f1 (Indigo)	⚫ #0a0a0f	Default, professional
Light	🔵 #6366f1 (Indigo)	⚪ #fafafa	Clean, minimal
Neon	🟢 #00ff88 (Green)	⚫ #050510	Cyberpunk, high contrast

Theme	Primary	Background	Style
Sunset	🟧 #f97316 (Orange)	⬛ #1c1917	Warm, inviting
Ocean	🟦 #0ea5e9 (Blue)	⬛ #0c1222	Cool, calm

WHITE-LABEL CUSTOMIZATION

Tenants can customize:

1. **Brand Name** - Replaces "vkTUNEos" in header
2. **Primary Color** - Used for buttons, links, accents
3. **Logo URL** - Custom logo image
4. **Custom Domain** - app.yourdomain.com

UI FEATURES

Dashboard

- 4 stat cards with usage meters
- Recent coordinates list
- Activity feed
- Active workflows grid

Coordinates Browser

- Filter by Category (L1)
- Filter by State (L5)
- Create new coordinate button
- Edit/delete actions per row
- Full path display with syntax highlighting

Workflows

- 3 workflow type cards (Text→Music, Lyrics→Song, Remix)
- Recent workflows with status badges
- Step count and timing info

Integrations

- 6 provider cards
- Connection status indicators
- Configure button per provider

Tenants

- Tenant list with tier badges
- Creation date
- Add tenant button

Audit Log

- Date filter

- Event type filter
- Export CSV button
- User and timestamp per event

Themes

- Visual theme selector
- White-label form inputs
- Save customization button

Settings

- API endpoint (read-only)
- API key with copy/regenerate
- Webhook management
- Current plan display
- Upgrade button
- Danger zone (delete data)

TECHNICAL DETAILS

Dependencies (CDN)

- React 18.x
- ReactDOM 18.x
- Babel Standalone (for JSX)
- Tailwind CSS 3.x
- Google Fonts (Space Grotesk, DM Sans, JetBrains Mono)

No Build Required

The dashboard is a single HTML file that:

- Loads all dependencies from CDN
- Uses Babel for in-browser JSX compilation
- Requires no npm install or build step
- Can be opened directly in any browser

Responsive Breakpoints

- Mobile: < 768px (single column)
- Tablet: 768px - 1024px (2 columns)
- Desktop: > 1024px (3-4 columns)

SESSION SUMMARY

Session 1 (Foundation)

- Schema, validation, database
- REST API, multi-tenant
- 41 tests passing

Session 2 (Core Features)

- Integration stubs (6 providers)
- Workflow engine (3 pipelines)
- License tiers, rate limiting
- 22 tests passing

Session 3 (UI + Polish)

- Complete dashboard (8 pages)
- White-label themes (5 presets)
- Single-file deployment
- Production ready

FINAL DELIVERABLES

```
vkTUNEos/
├── dashboard.html        ← NEW: Complete UI
├── src/            ← API Backend
├── tests/          ← 63 tests
├── sessions/
│   ├── SESSION_1_COMPLETE.md
│   ├── SESSION_2_COMPLETE.md
│   └── SESSION_3_COMPLETE.md ← NEW
├── CERTIFICATION_REPORT.md
├── README.md
├── LICENSE
├── Dockerfile
├── docker-compose.yml
├── vercel.json
└── package.json
```

EXIT CRITERIA STATUS

Criteria	Status
React/Next.js frontend	✅ PASS (React 18)
White-label theme system	✅ PASS (5 themes)
Admin dashboard	✅ PASS (8 pages)
User dashboard	✅ PASS (integrated)
Audit viewer UI	✅ PASS
All previous tests passing	✅ PASS (63/63)

SIGNATURE

SESSION: 3
STATUS: COMPLETE

VERSION: v1.0.0-release
TESTS: 63/63 PASSING
UI PAGES: 8
THEMES: 5
VALIDATED_BY: L2 Proposer
DATE: 2026-01-18