



NimbusWiz — Guide Task Flows vs. Prototype User Flows

Date: 2026-04-22 · **Amended:** 2026-04-22 **Method:** Source code tracing (routes, `onClick` handlers, `navigate()` calls, `Link to=` destinations) + live browser verification **Scope:** All task flows described in the User Guide and Admin Guide

Prototype Context

NimbusWiz is a **high-fidelity prototype**, not a production application. This matters for how findings are interpreted.

What prototype context changes: Buttons and controls without `onClick` handlers are unimplemented features — normal at this stage. They represent the visual surface and intended placement of a feature, not broken functionality. Reporting them as "broken handoffs" overstates the problem. They are excluded from doc accuracy findings and listed separately in the [Prototype Scope Gaps](#) section for reference.

What prototype context does not change: The prototype *does* render page titles, section headings, button labels, field names, and navigation links — and the docs consistently get these wrong. It also implements several complete flows end-to-end. Where an interaction *is* wired up, the docs still frequently describe the wrong label, wrong destination, or wrong sequence. These remain valid accuracy findings regardless of prototype status.

Summary

The guides describe linear, connected task journeys. Assessed against the prototype:

- **2 flows** use the wrong UI pattern entirely (modal wizard described, different pattern implemented)
- **3 flows** have wired navigation that goes to the wrong destination
- **1 flow** contains a confirmed routing bug in the prototype itself (Onboarding Tour step 5)
- **4 flows** partially match — recognisable structure, but labels, section names, and step details differ throughout
- **6 pages** fully present in the prototype are not described in either guide at all

Unimplemented buttons (no `onClick`) are noted per flow but not counted as doc failures.

Can a user navigate the app using the docs?

A user following the docs can reach roughly half the pages because sidebar link names are close enough. Task completion, however, consistently fails — wrong button labels cause users to search for controls that don't exist with those names, described flows break at multiple handoff points, and the two most important entry-point actions ("Run Scan" triggering Assessment, and "Apply Profile" leading to Deployment) are not wired in the prototype at all.

TASK	WHAT DOCS SAY TO DO	WHAT USER FINDS	NAVIGABLE?
Get started	Look for 5-step modal wizard on login	Dismissible dashboard banner with different steps	✗ Wrong pattern
Find Systems page	Look for "Systems List" in nav	Nav says "Systems"; page title is " Fleet Management "	⚠ Findable, looks different
Register a system	Click "Register New System" → flat form	"Register a system" → 3-step wizard, different fields	⚠ Button findable, form unrecognisable
Assess a system	Click "Run Scan" on Overview tab	No "Run Scan" on Dashboard; Systems list button is unimplemented	✗ Entry point doesn't exist as described
Get a recommendation	Go to Advisor, view profile cards	Advisor has no profile cards — they're on Upgrade Profiles page	✗ Right page, wrong content
Modernize	Click "Run Simulation"	Button says "Run it for me"	⚠ Findable by intent
Proceed to deploy	Click "Proceed to Deploy"	Button doesn't exist; flow ends at an "Applied" badge	✗ No path forward
Deploy	Click "Start Deployment"	"New Deployment" button is unimplemented	✗ Label wrong; unimplemented
Troubleshoot	View "Common Issues", filter by Time Range	Section is "Active Issues"; no Time Range filter	⚠ Findable, some gaps
Automate	Click "New Pipeline", use tabs	"Create Pipeline" (unimplemented); no tabs	⚠ Findable, different structure

TASK	WHAT DOCS SAY TO DO	WHAT USER FINDS	NAVIGABLE?
Audit logs	Filter by Authentication/System type, export CSV	Different filter values; "Export Logs" button	⚠️ Partially navigable

Six pages in the sidebar are not described anywhere in the docs: Overview/Dashboard, System Assessment, Deployment, **Developer Hub**, the Settings Security tab, and the Audit Logs tab within Settings. A user following only the docs would not know these pages exist.

Flow 1 — Getting Started (First Run Setup)

Guide describes

A 5-step modal wizard that launches automatically on first login:

1. Name your organization
2. Create your admin account
3. Configure notifications
4. Import existing systems (optional)
5. Review and confirm → "Complete setup"

After the wizard, the Onboarding Tour launches automatically for Admin users.

Prototype does

A collapsible **banner on the Dashboard** (not a modal, not a wizard) with four informational orientation steps:

1. Connect a System
2. Run Fleet Scan
3. View Recommendations
4. Apply or Preview

Steps are not interactive forms — they are progress indicators. The banner has two CTAs ("View Recommendations" / "Explore Demo Fleet" in demo mode; demo toggle + "Register a system" otherwise) and a "Dismiss" text button. No organization name, admin account, or notifications setup exists anywhere in the prototype.

The Onboarding Tour does not launch automatically — it requires clicking "Start Product Tour" in the sidebar and is available to all roles.

Verdict: ❌ Wrong UI pattern, wrong step content, wrong trigger, wrong completion behaviour.

Flow 2 — Register a System

Guide describes

Click "Register New System" on Systems List → flat single-page form with fields: System name, System ID, Certification type, Upgrade profile, Notes → submit.

Prototype does

Click "Register a system" → 3-step modal wizard:

- **Step 1 (System Info):** System ID (must match `nimbus-*`), Serial Number, Manufacturing Year, Current Version, Location, Usage Type, Status, Description
- **Step 2 (Performance):** Flight Hours, Max Velocity, Handling Score, Acceleration, Safety Certification, Known Issues, Compatibility
- **Step 3 (Configure):** Enable Monitoring toggle, Enable Auto Updates toggle → review summary

Footer CTA is step-aware: "Add performance data" (step 1→2), "Configure monitoring" (step 2→3), "Register System" (final). On submit, a toast fires and the app navigates to `/systems/nimbus-new-system`.

Verdict: ❌ Wrong UI pattern (flat form vs wizard), field names wrong, no "Certification type" or "Upgrade profile" fields, step labels undocumented.

Flow 3 — Assess a System

Guide describes

Click "Run Scan" on the Overview (Dashboard) tab → view Advisor Insight panel + Dependency Graph + Risk Heatmap (3 columns) → click "Proceed to **Modernization Advisor**" → arrives at **Modernization Advisor** page.

Prototype does

- The Dashboard has no "Run Scan" button. The Systems List page has a "Run Scan" icon per row and System Detail has a "Run Scan" button — both are unimplemented (prototype scope).
- System Assessment (`/assessment`) is reached via its **sidebar link** — no scan action triggers navigation to it.
- On the Assessment page: 3 unlabelled stat cards (High Risk Components, Medium Risk Components, Up to Date Components) with no `<h2>` heading, then Dependency Graph, then Risk Heatmap & Recommendations with 5 columns. No "Advisor Insight" panel.
- "Proceed to Modernization" (the implemented CTA) links to `/modernization` — **Upgrade Profiles** — **not** `/advisor` as the guide states.

Verdict: ❌ Entry point as described doesn't exist. Assessment page content differs. "Proceed to Modernization" goes to the wrong destination — this link is wired and it routes incorrectly relative to what the docs say.

Flow 4 — Get a Recommendation (Modernization Advisor)

Guide describes

Navigate to **Modernization Advisor** → view Stable / Performance / Extended Operation profile cards → click "Proceed with Recommended Plan."

Prototype does

Navigate to `/advisor`:

- Primary recommendation card (confidence score, affected systems, expected improvement)
- "Disagree with this recommendation?" → override panel (undocumented)
- Decision Options Analysis — Upgrade / Partial Modernization / Replace cards with decisive factor banners
- Risk vs Performance Tradeoff section
- System-Specific Recommendations (before/after comparison)
- Next Steps with three wired CTAs:
 - "Apply Recommendation" → `/modernization`
 - "Run Simulation" → opens PreviewDryRun modal
 - "Review Risk Analysis" → `/assessment`

The Stable / Performance / Extended Operation profile cards are not on this page — they are on [/modernization](#).

Verdict: ❌ Profile cards on the wrong page in the docs. "Proceed with Recommended Plan" doesn't exist — three separate CTAs branch differently. Override flow is entirely undocumented.

Flow 5 — Modernize a System (Upgrade Profiles)

Guide describes

View profile cards → click "Run Simulation" → see side-by-side Stability / Responsiveness / Network comparison → click "Proceed to Deploy" → arrives at Deployment page.

Prototype does

1. Profile cards shown; Apply buttons **disabled** until simulation passes
2. "Run it for me" → "Simulating..." (~2.5s) → Simulation Checkpoint updates with safety check results (dependency compatibility, disk space, backup, quirk conflicts) — not a metric comparison panel
3. Simulation passes → Apply buttons enabled: "Apply Stable Profile," "Apply Performance Profile," "Apply Extended Operation Profile"
4. Clicking Apply → updates local React state; shows "[Profile] Profile Applied" badge on that card

There is no "Proceed to Deploy" button and no navigation to [/deployment](#) after applying. This handoff is in prototype scope — the Deployment page exists independently and is reachable via the sidebar.

Verdict: ❌ Button label wrong ("Run Simulation" vs "Run it for me"). Simulation output is safety checks, not metric comparison. "Proceed to Deploy" doesn't exist — Modernization → Deployment handoff is unimplemented (prototype scope), not a wiring error in the docs.

Flow 6 — Deploy an Upgrade

Guide describes

Navigate to Deployment → click "Start Deployment" → monitor stages: Preparing, Executing, Monitoring, Completed → "Rollback" always visible → "Re-validate" button → "Open full log viewer" → "Simulation vs. Actual" panel after completion.

Prototype does

- "New Deployment" button exists — unimplemented (prototype scope)
- Active deployment section is conditionally rendered only when a deployment is in-progress
- Phases: Preparing, Backup & Validation, Executing Upgrade, Testing & Verification, Monitoring, Completed
- "Roll back deployment" visible only inside the active deployment section
- No "Re-validate" button
- "View Full Logs" button — unimplemented (prototype scope)
- No "Simulation vs. Actual" panel

Verdict: ❌ Button label wrong ("Start Deployment" vs "New Deployment"). "Rollback" is not always visible — it's conditional on an active deployment. Two phases ("Backup & Validation," "Testing & Verification") are undocumented. "Re-validate" and "Simulation vs. Actual" don't exist in the prototype at all.

Flow 7 — Onboarding Tour

Guide describes

Tour launches automatically for Admin users after wizard completion. Steps through core features.

Prototype does

7-step tour, manually launched via "Start Product Tour" sidebar button, available to all roles:

STEP	TITLE	ROUTE
1	Welcome to NimbusWiz!	/
2	Fleet Overview Dashboard	/
3	System Management	/systems
4	Modernization Advisor	/advisor
5	Upgrade Profiles	/advisor ← routing bug — should be /modernization
6	Active Issues & Quick Fixes	/troubleshooting
7	You're All Set!	/

Step 5 is titled "**Upgrade Profiles** — Compare upgrade profiles side-by-side" but routes to `/advisor`, where no profile cards exist. This is a bug in the prototype's tour definition, not a prototype scope gap.

Tour navigation uses generic "Next" / "Back" / "Finish" labels — undocumented.

Verdict: ❌ Not automatic, not Admin-only, different steps. Contains a confirmed routing bug in step 5 — the tour demonstrates the wrong page.

Flow 8 — Troubleshoot an Issue

Guide describes

View "Common Issues" → filter logs (Time range, Severity, System, Keyword) → read static text suggestions → click "View Details" on an issue.

Prototype does

- Section heading: "Active Issues" (not "Common Issues")
- Filters: Keyword search, Level dropdown (All Levels / Error / Warning / Info), System dropdown — no time range filter
- Suggested Fixes: scoped action buttons linking to relevant pages ("Scan nimbus-dragon now" → `/assessment`; "Apply Extended Operation to nimbus-dragon" → `/modernization`) — not static text
- Issue card CTA: "View [system-name]" → `/systems/[system-id]` (not "View Details")
- "Diagnostic Tools" section (undocumented) has 3 buttons — unimplemented (prototype scope)

Verdict: ⚠️ Partially matches. Log filtering is close (minus time range). Section names and suggestion pattern differ. The prototype's implementation (action buttons) is more functional than what the docs describe (static text).

Flow 9 — Create an Automation Pipeline

Guide describes

Click "New Pipeline" → switch between "Scheduled Jobs" / "Event Hooks" tabs → create via "New Scheduled Job" / "New Event Hook" → configure action type (Scan / Report / Notify) → set event identifiers in dot-notation.

Prototype does

- "Create Pipeline" button — unimplemented (prototype scope)
- No tabs — page has 6 `<h2>` sections: CI/CD Pipelines, Pipeline Visualization, Scheduled Jobs, Event Hooks, Pipeline Configuration (YAML), Recent Pipeline Runs
- No creation buttons for jobs or hooks
- Scheduled jobs show name, cron, next run, status — no action type selector
- Event hooks use plain-English names ("System Health Critical," "Deployment Completed") — not dot-notation
- YAML editor and Pipeline Visualization sections are entirely undocumented

Verdict: ❌ Button label wrong. Tab architecture doesn't exist. Page structure significantly differs. Job/hook creation is unimplemented (prototype scope) but the page organisation the docs describe is also wrong.

Flow 10 — Audit Logs

Guide describes

Filter by Date range and Action type (Authentication, System, Deployment, API, Settings) → export via "Export CSV."

Prototype does

- No date range filter
- Action filter: All Actions, Apply, Rollback, Simulate, Register, Delete
- Two additional undocumented filters: Status (All Statuses / Success / Failed / Pending) and User (named dropdown)
- "Export Logs" button — unimplemented (prototype scope)
- Admin guide claim of async email export for > 10,000 rows: no such logic exists

Verdict: ❌ Filter label wrong ("Action type" vs "Action"), filter values completely wrong, button label wrong, two undocumented filters exist.

Prototype Scope Gaps

The following controls exist visually in the prototype but have no handler — expected at this stage, not doc failures. Listed for completeness so the team knows which interactions remain to be built:

PAGE	CONTROL	INTENDED BEHAVIOUR (PER DOCS OR CONTEXT)
Systems List	"Run Scan" icon	Trigger scan → navigate to Assessment
System Detail	"Run Scan" button	Trigger scan
Modernization	"Apply [Profile] Profile"	Navigate to Deployment after applying
Deployment	"New Deployment"	Open deployment wizard
Deployment	"View Full Logs"	Open log viewer
Automation	"Create Pipeline"	Open pipeline builder
Audit Logs	"Export Logs"	Download CSV or trigger async export
Troubleshooting	"Diagnostic Tools" buttons	Run respective diagnostic
Developer Hub	"Configure" (integrations)	Open integration config panel

Confirmed Prototype Bug

Onboarding Tour step 5 ("Upgrade Profiles") navigates to `/advisor` instead of `/modernization`. The description says "Compare upgrade profiles side-by-side" but the Advisor page contains no profile cards. This is not a prototype scope gap — the route is wired, it just points to the wrong page. Recommend fixing `route: '/advisor'` → `route: '/modernization'` in `OnboardingTourContext.tsx`.

Analysis based on source at `nimbuswiz-demo/.claude/worktrees/funny-mayer-44ac15/src/`. Amended to reflect prototype context: *unimplemented handlers reclassified from "broken flows" to "prototype scope gaps."*