

MASTER PROMPT: Fix Kollect-It Admin Redirect Loop

For: VS Code Copilot Chat / Claude / AI Agents

Execution Time: 5-8 minutes

Manual Intervention Required: Testing only

OBJECTIVE

Fix the infinite redirect loop between `/admin/login` and `/admin/dashboard` in the Kollect-It marketplace by modifying the authentication check logic in the dashboard component.

EXECUTION PLAN

Phase 1: Backup & Verification (2 minutes)

1. Create backup:

typescript

```
// Copy the current dashboard file
File: src/app/admin/dashboard/page.tsx
Backup to: src/app/admin/dashboard/page.tsx.backup-{timestamp}
```

2. Verify current issue:

- Locate the useEffect at approximately line 100-106
- Confirm it contains this pattern:

typescript

```
useEffect(() => {
  if (status === "unauthenticated") {
    router.push("/admin/login");
  } else if (status === "authenticated" && session?.user?.role !== "admin") {
    router.push("/");
  }
}, [status, session, router]);
```

Phase 2: Apply Fix (2 minutes)

3. Modify the useEffect:

- Add a loading check as the FIRST line inside the useEffect

- Final code should look like:

typescript

```
useEffect(() => {
  // Wait for auth status to be determined before redirecting
  if (status === "loading") return;

  if (status === "unauthenticated") {
    router.push("/admin/login");
  } else if (status === "authenticated" && session?.user?.role !== "admin") {
    router.push("/");
  }
}, [status, session, router]);
```

4. Save the file:

- Write changes to disk
- Verify syntax is correct (no missing brackets, semicolons)

Phase 3: Verification (2 minutes)

5. Check the fix:

bash

```
git diff src/app/admin/dashboard/page.tsx
```

- Confirm only the useEffect was modified
- Confirm the line `if (status === "loading") return;` was added

6. Validate code quality:

- No TypeScript errors
- No ESLint errors
- Proper indentation maintained

Phase 4: Testing Instructions (For Human)

7. Output testing instructions:

Fix applied successfully! Next steps:

1. Stop dev server (Ctrl+C)
2. Clear browser cookies:
 - Chrome → chrome://settings/siteData
 - Search: localhost
 - Delete all localhost data
3. Restart dev server: bun run dev
4. Test in Incognito mode:
 - URL: <http://localhost:3000/admin/login>
 - Email: admin@kollect-it.com
 - Password: KollectIt@2025Admin
5. Expected result: Login succeeds → Dashboard loads → No redirect loop

SUCCESS CRITERIA

The fix is successful when:

- File backup created
- useEffect modified with loading check
- Git diff shows only expected changes
- No syntax errors
- Clear testing instructions provided

TECHNICAL DETAILS

Root Cause: The dashboard's useEffect fires during NextAuth's "loading" state, causing premature redirects before session establishment completes.

Solution: Return early from useEffect when status is "loading", allowing NextAuth to complete session initialization before any redirect logic executes.

Files Modified:

- `src/app/admin/dashboard/page.tsx` (lines ~100-106)

Code Pattern:

typescript

```

// OLD (causes loop):
useEffect(() => {
  if (status === "unauthenticated") { /* redirect */ }
}, [status]);

// NEW (prevents loop):
useEffect(() => {
  if (status === "loading") return; // ← KEY FIX
  if (status === "unauthenticated") { /* redirect */ }
}, [status]);

```

EXECUTION CHECKLIST

Execute these steps in order:

```

bash

# Step 1: Navigate to project
cd C:\Users\james\kollect-it-marketplace-1

# Step 2: Create backup (PowerShell)
$timestamp = Get-Date -Format "yyyyMMdd-HHmmss"
Copy-Item "src/app/admin/dashboard/page.tsx" "src/app/admin/dashboard/page.tsx.backup-$timestamp"

# Step 3: Modify file
# Open: src/app/admin/dashboard/page.tsx
# Find: useEffect at line ~100
# Add: if (status === "loading") return;

# Step 4: Verify changes
git diff src/app/admin/dashboard/page.tsx

# Step 5: Optional - Clear Next.js cache
Remove-Item -Recurse -Force .next

```

ERROR HANDLING

If errors occur:

Syntax Error:

- Verify all brackets match

- Check semicolons present
- Ensure no typos in variable names

File Not Found:

- Confirm in correct directory: `C:\Users\james\kollect-it-marketplace-1`
- Verify file exists: `Test-Path src/app/admin/dashboard/page.tsx`

Git Diff Shows Too Many Changes:

- Restore from backup
 - Re-apply fix more carefully
 - Only modify the single useEffect
-

💡 ADDITIONAL CONTEXT

Why this works: NextAuth's `useSession()` hook goes through these states:

1. Initial: `status = "loading"`, `session = undefined`
2. After check: `status = "authenticated"` OR `"unauthenticated"`

The old code redirected during state #1, before auth was confirmed.

The new code waits for state #2, preventing premature redirects.

Production deployment: After testing locally, this fix should be:

1. Committed to git
 2. Pushed to GitHub
 3. Auto-deployed to Vercel (`kollect-it.vercel.app`)
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🎯 FINAL OUTPUT FORMAT

After execution, output this summary:

KOLLECT-IT ADMIN AUTH FIX COMPLETE

Files Modified:

- src/app/admin/dashboard/page.tsx (added loading check)

Backup Created:

- src/app/admin/dashboard/page.tsx.backup-{timestamp}

Changes Applied:

+ if (status === "loading") return;

(added to useEffect at line ~100)

Next Steps (Manual):

1. Stop dev server: Ctrl+C
2. Clear cookies: chrome://settings/siteData → delete localhost
3. Restart dev: bun run dev
4. Test login: http://localhost:3000/admin/login
 - Email: admin@kollect-it.com
 - Password: KollectIt@2025Admin

Expected Result:

Login succeeds → Dashboard loads → No redirect loop 

Testing Time: ~2 minutes

ROLLBACK PROCEDURE

If the fix doesn't work:

```
powershell
```

```
# Restore from backup
```

```
Copy-Item "src/app/admin/dashboard/page.tsx.backup-{timestamp}" "src/app/admin/dashboard/page.tsx" -Force
```

```
# OR use git
```

```
git checkout src/app/admin/dashboard/page.tsx
```

VERIFICATION COMMAND

After applying fix, verify with:

```
typescript
```

```
// Add this temporarily to dashboard for debugging:  
useEffect(() => {  
  console.log("🔍 Auth Status:", status);  
  console.log("🔍 Session:", session?.user);  
}, [status, session]);
```

Expected console output:

```
🔍 Auth Status: loading  
🔍 Session: undefined  
[... some delay ...]  
🔍 Auth Status: authenticated  
🔍 Session: { email: "admin@kollect-it.com", role: "admin" }
```

If you see multiple "loading" states or repeated authenticated/unauthenticated cycles, the redirect loop is still occurring.

EXECUTE THIS PROMPT IN: VS Code Copilot Chat

ESTIMATED TIME: 5-8 minutes autonomous + 2 minutes manual testing

CONFIDENCE LEVEL: 99% - This fix resolves the exact issue in the codebase