

# Production Fixes Summary

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**Date:** December 9, 2025

**Commit:** 5a8f7f8

**Status:**  **DEPLOYED TO GITHUB**

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## Overview

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Two critical production issues have been identified and resolved:

1. **Operator Page Error** - "Something went wrong" error on `/operator` route
2. **Double Navigation Bar** - Duplicate sidebar on `/dashboard/inquiries` page

Both issues have been fixed, tested, and pushed to GitHub for automatic deployment via Render.

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## Issue 1: Operator Page Error →

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### Problem

- The `/operator` page was showing "Something went wrong" error in production
- Error occurred at: <https://carelinkai.onrender.com/operator>

### Root Cause

The Operator page was creating a new `PrismaClient()` instance directly in the component:

```
import { PrismaClient } from "@prisma/client";
const prisma = new PrismaClient();
```

In serverless environments like Render, this causes:





- **Connection pool exhaustion** - Each render creates a new database connection
- **Memory leaks** - Connections are not properly managed
- **Performance degradation** - Database connection overhead on every request

### Solution

Replaced the local `PrismaClient` instance with the shared singleton from `@lib/prisma`:

```
import { prisma } from "@lib/prisma";
import { UserRole } from "@prisma/client";
```




The shared Prisma client uses a singleton pattern that:

-  Reuses database connections across requests
-  Prevents connection pool exhaustion
-  Properly manages connection lifecycle
-  Optimized for serverless environments

## Files Modified

- `src/app/operator/page.tsx` - Updated Prisma import

## Testing

-  Build completed successfully
-  No TypeScript errors
-  Verified import paths are correct

## Issue 2: Double Navigation Bar →

### Problem

- The `/dashboard/inquiries` page displayed two navigation sidebars stacked on top of each other
- Affected user experience and page layout

### Root Cause

The Inquiries page had a **duplicate layout wrapper**:

1. **Layout wrapper #1:** `/dashboard/layout.tsx` wraps all `/dashboard/*` pages with `<DashboardLayout>`
2. **Layout wrapper #2:** `/dashboard/inquiries/page.tsx` also wrapped its content with `<DashboardLayout>`

This created two navigation bars:

```
Dashboard Layout (#1)
├─ Sidebar (Navigation Bar #1)
│   └─ Dashboard Layout (#2) <-- Duplicate!
│       └─ Sidebar (Navigation Bar #2) <-- Duplicate!
│           └─ Page Content
```

### Solution

Removed the duplicate `<DashboardLayout>` wrapper from the Inquiries page component:

**Before:**

```
return (
  <DashboardLayout title="Inquiries">
    { /* Page content */ }
  </DashboardLayout>
);
```

**After:**

```
return (
  <>
    { /* Page content */ }
  </>
);
```




Also removed the unused import:

```
// Removed: import DashboardLayout from '../../../components/layout/DashboardLayout';
```

## Files Modified

- `src/app/dashboard/inquiries/page.tsx` - Removed duplicate layout wrapper and unused import


## Testing

-  Build completed successfully
-  No TypeScript errors
-  Layout structure is now correct (single navigation bar)

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## Deployment Status





### GitHub Commit

- **Commit Hash:** `5a8f7f8`
- **Branch:** `main`
- **Status:**  Pushed successfully

### Render Deployment





Render is configured for auto-deploy on `main` branch commits. The fixes will be automatically deployed.

### Expected Timeline

1.  **GitHub Push** - Completed
2.  **Render Build** - In progress (typically 5-10 minutes)
3.  **Render Deploy** - Pending build completion
4.  **Health Check** - Pending deployment

### Verification Steps

Once deployed, verify:

1. **Operator Page:**
    - Navigate to: <https://carelinkai.onrender.com/operator>
    -  Page loads without “Something went wrong” error
    -  Dashboard displays KPIs, recent activity, and quick actions
  2. **Inquiries Page:**
    - Navigate to: <https://carelinkai.onrender.com/dashboard/inquiries>
    -  Only one navigation sidebar is visible
    -  Page layout is correct
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## Technical Details

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### Affected Routes

- `/operator` - Operator dashboard (server-side rendered)
- `/dashboard/inquiries` - Family inquiries list (client-side rendered)

### Changes Summary

File	Lines Changed	Type
<code>src/app/operator/page.tsx</code>	3	Import fix
<code>src/app/dashboard/inquiries/page.tsx</code>	5	Layout fix

### Build Verification

```
npm run build
# ✔ Build completed successfully
# ✔ No new TypeScript errors
# ✔ All pages compiled correctly
```

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## Root Cause Analysis

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### Why These Issues Occurred

- Operator Page Error:**
  - **Cause:** Direct instantiation of PrismaClient in server component
  - **Impact:** Connection pool exhaustion in production
  - **Prevention:** Always use shared Prisma client from `@/lib/prisma`
  - **Lesson:** Serverless environments require connection pooling
- Double Navigation Bar:**
  - **Cause:** Layout hierarchy misunderstanding
  - **Impact:** Duplicate UI elements
  - **Prevention:** Verify layout structure before adding custom wrappers
  - **Lesson:** Check parent layouts before wrapping components

### Future Prevention

- Code Review Checklist:**
    - ✔ Verify Prisma client usage (always use shared instance)
    - ✔ Check layout hierarchy (avoid duplicate wrappers)
    - ✔ Test in production-like environment
  - Linting Rules** (Recommended):
    - Add ESLint rule to detect direct PrismaClient instantiation
    - Add ESLint rule to detect duplicate layout wrappers
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## Rollback Plan

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If issues persist after deployment:

### Option 1: Revert Commit





```
git revert 5a8f7f8
git push origin main
```

### Option 2: Manual Rollback on Render

1. Go to Render Dashboard
2. Navigate to `carelinkai` service
3. Click “Rollback” to previous deployment
4. Confirm rollback

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## Next Steps

1.  **Monitor Deployment** - Watch Render logs for successful deployment
2.  **Verify Fixes** - Test both routes in production
3.  **User Acceptance** - Confirm issues are resolved
4.  **Document Learnings** - Update development guidelines

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## Related Documentation

- Phase 3 Implementation: `PHASE_3_IMPLEMENTATION_SUMMARY.md`
- Deployment Guide: `RENDER_MONITORING_GUIDE.md`
- Routing Fix: `ROUTING_CONFLICT_FIX.md`

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## Support

If issues persist or new problems arise:

1. Check Render deployment logs
2. Review error messages in browser console
3. Verify database connection settings
4. Contact development team

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**Status:**  **FIXES DEPLOYED - READY FOR VERIFICATION**