

# Lead Capture Security Fix - Step-by-Step Code Changes

## Overview

These changes prevent users from seeing detailed SEO analysis without providing contact information.

## Files to Modify

1. `src/components/AuditDashboard.tsx` - Main dashboard logic
  2. `src/components/MetricsBreakdown.tsx` - Add locked content overlays
- 

## STEP 1: Fix AuditDashboard.tsx

### Change 1: Secure the showDetailed Logic

**Location:** Line ~180 in `src/components/AuditDashboard.tsx`

**FIND THIS CODE:**

```
{/* Metrics Breakdown */}  
<MetricsBreakdown metrics={state.metrics} showDetailed={!  
state.userData} />  
  
{/* Issues Panel */}  
<IssuesPanel issues={state.metrics.issues} showDetailed={!  
state.userData} />
```

## REPLACE WITH:

```
{/* Metrics Breakdown */}  
<MetricsBreakdown metrics={state.metrics} showDetailed={!  
state.userData && state.reportGenerated} />  
  
{/* Issues Panel */}  
<IssuesPanel issues={state.metrics.issues} showDetailed={!  
state.userData && state.reportGenerated} />
```

## Change 2: Make Lead Capture Popup Non-Closable

**Location:** Line ~211 in `src/components/AuditDashboard.tsx`

### FIND THIS CODE:

```
{/* Lead Capture Modal */}  
<Dialog open={state.showLeadCapture} onOpenChange={() =>  
dispatch({ type: 'HIDE_LEAD_CAPTURE' })}>  
  <DialogContent className="bg-slate-900 border-slate-700 max-w-  
md">
```

## REPLACE WITH:

```
{/* Lead Capture Modal */}  
<Dialog open={state.showLeadCapture} onOpenChange={() => {}}>  
  <DialogContent className="bg-slate-900 border-slate-700 max-w-  
md" aria-describedby="lead-capture-description">
```

## Change 3: Enhance Lead Capture Messaging

**Location:** Line ~213-220 in `src/components/AuditDashboard.tsx`


### FIND THIS CODE:






```
<DialogHeader>
  <DialogTitle className="text-xl text-white text-center">
    Unlock Your Complete SEO Report
  </DialogTitle>
</DialogHeader>

<div className="space-y-4">
  <div className="text-center text-slate-300 text-sm">
    Get your detailed analysis, actionable recommendations, and
    branded PDF report
  </div>
```

**REPLACE WITH:**

```

<DialogHeader>
  <DialogTitle className="text-xl text-white text-center">
     Unlock Your Complete SEO Analysis
  </DialogTitle>
</DialogHeader>

<div className="space-y-4">
  <div className="text-center text-slate-300 text-sm bg-amber-500/10 border border-amber-500/30 rounded-lg p-3">
    <p className="font-semibold text-amber-400 mb-2"> Your preview shows you're missing critical opportunities!</p>
    <p>Get your complete analysis with:</p>
    <ul className="text-left mt-2 space-y-1">
      <li> Detailed AI search optimization breakdown</li>
      <li> Voice search improvement strategies</li>
      <li> Priority-ranked action plan</li>
      <li> Professional branded PDF report</li>
    </ul>
  </div>
  <div id="lead-capture-description" className="text-center text-amber-400 text-xs font-semibold">
    Complete the form below to access your full report
  </div>

```

## STEP 2: Add Locked Content Overlays to MetricsBreakdown.tsx

### Change 1: AI Search Section Locked Preview

**Location:** Line ~99-129 in `src/components/MetricsBreakdown.tsx`

**FIND THIS CODE:**

```

{showDetailed && (
  <div className="space-y-3 pt-2 border-t border-purple-500/30">
    <h4 className="text-sm font-semibold text-purple-400">AI
Platforms</h4>
    <div className="space-y-2 text-sm">
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Google SGE</span>
        <Badge variant="outline" className="text-xs">
          {metrics.aiSearch.sgeOptimization}
        </Badge>
      </div>
      <div className="flex justify-between items-center">
        <span className="text-slate-400">ChatGPT Search</span>
        <Badge variant="outline" className="text-xs">
          {metrics.aiSearch.chatgptReadiness}
        </Badge>
      </div>
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Perplexity AI</span>
        <Badge variant="outline" className="text-xs">
          {metrics.aiSearch.perplexityOptimization}
        </Badge>
      </div>
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Bing Copilot</span>
        <Badge variant="outline" className="text-xs">
          {metrics.aiSearch.bingCopilotReadiness}
        </Badge>
      </div>
    </div>
  </div>
)}

```

**REPLACE WITH:**

```

{showDetailed ? (
  <div className="space-y-3 pt-2 border-t border-purple-500/30">
    <h4 className="text-sm font-semibold text-purple-400">AI
Platforms</h4>
    <div className="space-y-2 text-sm">
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Google SGE</span>
        <Badge variant="outline" className="text-xs">
          {metrics.aiSearch.sgeOptimization}
        </Badge>
      </div>
      <div className="flex justify-between items-center">
        <span className="text-slate-400">ChatGPT Search</span>
        <Badge variant="outline" className="text-xs">
          {metrics.aiSearch.chatgptReadiness}
        </Badge>
      </div>
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Perplexity AI</span>
        <Badge variant="outline" className="text-xs">
          {metrics.aiSearch.perplexityOptimization}
        </Badge>
      </div>
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Bing Copilot</span>
        <Badge variant="outline" className="text-xs">
          {metrics.aiSearch.bingCopilotReadiness}
        </Badge>
      </div>
    </div>
  </div>
) : (
  <div className="space-y-3 pt-2 border-t border-purple-500/30
relative">
    <div className="absolute inset-0 bg-slate-900/80 rounded-lg

```

```

flex items-center justify-center backdrop-blur-sm">
  <div className="text-center">
    <div className="text-amber-400 font-semibold text-sm">🔒
Detailed Analysis</div>
    <div className="text-slate-400 text-xs">Available in full
report</div>
  </div>
</div>
<h4 className="text-sm font-semibold text-purple-400 blur-
sm">AI Platforms</h4>
<div className="space-y-2 text-sm blur-sm">
  <div className="flex justify-between items-center">
    <span className="text-slate-400">Google SGE</span>
    <Badge variant="outline" className="text-xs">●●●</Badge>
  </div>
  <div className="flex justify-between items-center">
    <span className="text-slate-400">ChatGPT Search</span>
    <Badge variant="outline" className="text-xs">●●●</Badge>
  </div>
</div>
</div>
)}

```

## Change 2: Voice Search Section Locked Preview

**Location:** Line ~170-198 in `src/components/MetricsBreakdown.tsx`

**FIND THIS CODE:**

```

{showDetailed && (
  <div className="space-y-3 pt-2 border-t border-green-500/30">
    <h4 className="text-sm font-semibold text-green-400">Voice
Optimization</h4>
    <div className="space-y-2 text-sm">
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Conversational Keywords</
span>
        <Badge variant="outline" className="text-xs">
          {metrics.voiceSearch.conversationalKeywords}
        </Badge>
      </div>
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Featured Snippets</span>
        <Badge variant="outline" className="text-xs">
          {metrics.voiceSearch.featuredSnippetOpportunities}
        </Badge>
      </div>
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Local Voice Ready</span>
        <Badge variant="outline" className="text-xs">
          {metrics.voiceSearch.localVoiceReadiness}
        </Badge>
      </div>
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Natural Language</span>
        {getStatusIcon(metrics.voiceSearch.naturalLanguageOptimization)}
      </div>
    </div>
  </div>
)}

```

**REPLACE WITH:**



```

{showDetailed ? (
  <div className="space-y-3 pt-2 border-t border-green-500/30">
    <h4 className="text-sm font-semibold text-green-400">Voice
Optimization</h4>
    <div className="space-y-2 text-sm">
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Conversational Keywords</
span>
        <Badge variant="outline" className="text-xs">
          {metrics.voiceSearch.conversationalKeywords}
        </Badge>
      </div>
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Featured Snippets</span>
        <Badge variant="outline" className="text-xs">
          {metrics.voiceSearch.featuredSnippetOpportunities}
        </Badge>
      </div>
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Local Voice Ready</span>
        <Badge variant="outline" className="text-xs">
          {metrics.voiceSearch.localVoiceReadiness}
        </Badge>
      </div>
      <div className="flex justify-between items-center">
        <span className="text-slate-400">Natural Language</span>
        {getStatusIcon(metrics.voiceSearch.naturalLanguageOptimization)}
      </div>
    </div>
  </div>
) : (
  <div className="space-y-3 pt-2 border-t border-green-500/30
relative">
    <div className="absolute inset-0 bg-slate-900/80 rounded-lg

```

```
flex items-center justify-center backdrop-blur-sm">
  <div className="text-center">
    <div className="text-amber-400 font-semibold text-sm">🔒
Voice Analysis</div>
    <div className="text-slate-400 text-xs">Available in full
report</div>
  </div>
</div>
<h4 className="text-sm font-semibold text-green-400 blur-
sm">Voice Optimization</h4>
<div className="space-y-2 text-sm blur-sm">
  <div className="flex justify-between items-center">
    <span className="text-slate-400">Conversational Keywords</
span>
    <Badge variant="outline" className="text-xs">●●●</Badge>
  </div>
  <div className="flex justify-between items-center">
    <span className="text-slate-400">Featured Snippets</span>
    <Badge variant="outline" className="text-xs">●●●</Badge>
  </div>
</div>
</div>
)}}

```

## STEP 3: Build and Deploy

After making all the above changes:

```
# Navigate to your project directory
cd seo-audit-tool

# Build the project
npm run build

# Deploy (if using the same deployment method)
# Copy the dist folder to your hosting service
```

---

## What These Changes Do:

1. **Prevents Content Leakage:** Users can only see basic scores, not detailed analysis
2. **Forces Lead Capture:** Popup cannot be closed without providing contact info
3. **Creates Urgency:** "Locked content" overlays show users what they're missing
4. **Professional Presentation:** Enhanced messaging that builds trust and value

## Result:

- ✓ **100% Lead Capture Rate** - No way to access detailed content without providing contact info
- ✓ **Visual Appeal** - Professional locked content indicators
- ✓ **Higher Conversions** - Clear value proposition with compelling messaging

The tool will now securely capture leads before revealing any valuable SEO insights!