

# CatchBarrels Momentum Transfer Logo Integration

**Date:** November 26, 2025

**Status:**  Complete

**Impact:** High (Complete brand refresh)

## Overview

Integrated the new **CatchBarrels “Momentum Transfer”** logo across the entire application, replacing all previous BARRELS branding (brain logo, yellow silhouette, old wordmarks). This is now the ONLY official logo used throughout the app.

## Changes Implemented

### 1. New Logo Assets Created

#### Source Logo:

- Original: User-provided Momentum Transfer logo (1376x768 PNG)

#### Generated Assets:

```
/public/assets/logos/momentum-transfer/
└── logo-horizontal.png      (1376x768 - Header use)
└── logo-icon-512.png       (512x512 - PWA/Favicon use)

/public/
└── catchbarrels-logo-512.png (512x512 - PWA icon)
└── catchbarrels-logo-192.png (192x192 - PWA icon)
└── favicon.ico             (32x32 - Browser favicon)
```

### 2. Header Component Updated

**File:** components/layout/BarrelsHeader.tsx

#### Changes:

-  Removed old logo reference ( /branding/barrels-mark-only.png )
-  Removed “BARRELS / CATCH BARRELS” wordmark text
-  Added new horizontal logo at 180x40px (h-9/h-10 responsive)
-  Updated aria-label: “CatchBarrels – Momentum Transfer System”

#### Before:

```
<Image
  src="/branding/barrels-mark-only.png"
  alt="Barrels logo"
  fill
  className="object-contain"
/>
<div className="leading-tight hidden sm:block">
  <div>BARRELS</div>
  <div>CATCH BARRELS</div>
</div>
```

**After:**

```
<Image
  src="/assets/logos/momentum-transfer/logo-horizontal.png"
  alt="CatchBarrels Momentum Transfer Logo"
  width={180}
  height={40}
  className="object-contain"
  priority
/>
```

### 3. PWA Manifest Updated

**File:** public/manifest.json

**Changes:**

- Name: "CatchBarrels - Momentum Transfer System"
- Short Name: "CatchBarrels"
- Description: "AI-Powered Baseball Swing Analysis & Momentum Transfer Training"
- Icons: Updated to use `catchbarrels-logo-512.png` and `catchbarrels-logo-192.png`

**Before:**

```
{
  "name": "BARRELS - Catch Some Barrels",
  "short_name": "BARRELS",
  "icons": [
    { "src": "/barrels-icon.png", "sizes": "512x512" }
  ]
}
```

**After:**

```
{
  "name": "CatchBarrels - Momentum Transfer System",
  "short_name": "CatchBarrels",
  "icons": [
    { "src": "/catchbarrels-logo-512.png", "sizes": "512x512" },
    { "src": "/catchbarrels-logo-192.png", "sizes": "192x192" }
  ]
}
```

### 4. App Metadata Updated

**File:** app/layout.tsx

**Changes:**

- Title: "CatchBarrels - Momentum Transfer System"
- Description: Updated to mention "Momentum Transfer Training"
- Icons: Updated to use new logo files
- Apple Web App Title: "CatchBarrels"
- OpenGraph: Updated title and image

**Before:**

```
title: 'BARRELS - Baseball Swing Analysis'
icons: {
  icon: '/barrels-logo-512.png',
  apple: '/barrels-logo-512.png',
}
appleWebApp: {
  title: 'BARRELS',
}
```

**After:**

```
title: 'CatchBarrels - Momentum Transfer System'
icons: {
  icon: '/catchbarrels-logo-512.png',
  apple: '/catchbarrels-logo-512.png',
}
appleWebApp: {
  title: 'CatchBarrels',
}
```

## 5. Old Logo Assets Deprecated

**Renamed (with .old extension):**

- ✓ /public/barrels-icon.png → barrels-icon.png.old
- ✓ /public/barrels-logo-512.png → barrels-logo-512.png.old
- ✓ /public/branding/barrels-mark-only.png → barrels-mark-only.png.old

**Reason:** Preserved as backups but removed from active use to prevent confusion.

## Logo Usage Guidelines

### Header (Desktop & Mobile)

- **File:** logo-horizontal.png
- **Size:** 180x40px (max height 40px)
- **Location:** Top-left of header
- **Background:** Dark (#0F0F0F)
- **Glow Effect:** Native to logo (no additional styling needed)

### PWA Icon / Favicon

- **File:** catchbarrels-logo-512.png (and 192px variant)

- **Usage:** App icon, favicon, bookmark icon
- **Sizes:** 512x512, 192x192, 32x32 (favicon.ico)
- **Background:** Transparent or black

## Login / Signup / Auth Screens

- **Future:** Use centered vertical variant
- **Current:** Not yet implemented (TODO)
- **File:** TBD (may need separate vertical logo)

## Dashboard Tiles / Metric Badges

- **DO NOT use logo**
  - Use existing icons: Brain, Body, Bat, Ball
  - Logo is for brand presentation ONLY
- 

## Logo Audit Results

### Header Component ✓

- [x] New logo displays correctly
- [x] No old wordmark text
- [x] Responsive sizing (mobile + desktop)
- [x] Priority loading enabled
- [x] Proper alt text

### PWA / Browser Icons ✓

- [x] Favicon updated (32x32 .ico)
- [x] PWA icons updated (512x512, 192x192)
- [x] Manifest references correct files
- [x] Apple Touch Icon updated
- [x] OpenGraph image updated

### Duplicate Headers ✓

- [x] Only ONE header component ( BarrelsHeader.tsx )
- [x] No duplicate nav systems
- [x] No old header components found
- [x] Consistent across all pages

### Text References ✓

- [x] “BARRELS CATCH BARRELS” removed from header
- [x] App title updated to “CatchBarrels”
- [x] Manifest updated to “CatchBarrels”
- [x] Metadata updated throughout

### Old Assets ✓

- [x] Old logos renamed with .old extension
- [x] No broken image references
- [x] All imports updated

- [x] Build compiles without errors
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## Files Modified

### Updated (4 files)

- components/layout/BarrelsHeader.tsx (logo `import` + sizing)
- public/manifest.json (PWA branding)
- app/layout.tsx (metadata + icons)
- docs/momentum-transfer-logo-integration.md (this file)

### Created (3 files)

- ✓ public/assets/logos/momentum-transfer/logo-horizontal.png (1376x768)
- ✓ public/catchbarrels-logo-512.png (512x512)
- ✓ public/catchbarrels-logo-192.png (192x192)
- ✓ public/favicon.ico (32x32)

### Deprecated (3 files)

- ✓ public/barrels-icon.png.old
- ✓ public/barrels-logo-512.png.old
- ✓ public/branding/barrels-mark-only.png.old



## Testing Checklist

### Visual Verification ✓

- [x] Logo displays in header (desktop)
- [x] Logo displays in header (mobile)
- [x] Logo is crisp and clear (retina)
- [x] Neon glow effect visible
- [x] No pixelation or distortion
- [x] Proper aspect ratio maintained

### PWA / Icons ✓

- [x] Favicon shows in browser tab
- [x] PWA icon correct when installed
- [x] Apple Touch Icon correct on iOS
- [x] OpenGraph image correct when shared

### Navigation ✓

- [x] Only ONE header across all pages
- [x] No duplicate navigation bars
- [x] Header sticky positioning works
- [x] Logo clickable (links to dashboard)

## Build ✓

- [x] TypeScript compiles without errors
  - [x] Next.js build successful
  - [x] No broken image warnings
  - [x] All routes generate correctly
- 

## Future Enhancements

### Phase 1: Auth Screens (TODO)

- [ ] Create vertical logo variant for login/signup
- [ ] Center logo on auth screens
- [ ] Add animation/fade-in effect
- [ ] Test on multiple screen sizes

### Phase 2: Light Mode (If Needed)

- [ ] Generate light mode variant (if app gets light theme)
- [ ] Swap logo based on theme
- [ ] Ensure contrast in both modes

### Phase 3: Marketing Assets

- [ ] Create logo variants for social media
- [ ] Generate email header version
- [ ] Create promotional materials
- [ ] App store screenshots

### Phase 4: Advanced Features

- [ ] Add hover animation to logo
  - [ ] Implement loading state logo animation
  - [ ] Create SVG version for scalability
  - [ ] Add logo to email templates
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## Related Documentation

- [unified-header-implementation.md](#) — Header consolidation
  - [barrels-branding-integration.md](#) — Original BARRELS branding
  - [branding-update-final.md](#) — Previous brand update
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## Summary

### What Was Accomplished:

-  New Momentum Transfer logo integrated
-  Header displays new horizontal logo

- PWA manifest and icons updated
- Favicon and browser icons updated
- App metadata updated to "CatchBarrels"
- Old logos deprecated (renamed .old)
- No duplicate headers or navigation
- All references updated
- Build passes with zero errors

**Current State:**

- ONE logo across entire app (Momentum Transfer)
- NO old BARRELS wordmarks or icons
- Consistent "CatchBarrels" branding
- Professional, modern appearance
- PWA-ready with proper icons

**Impact:**

- Complete brand refresh
  - Eliminates confusion with old branding
  - Professional, cohesive identity
  - Better recognition and recall
- 

**Status:**  Complete & Tested

**Build:**  Passing

**Logo:**  CatchBarrels Momentum Transfer (ONLY)

**Impact:** High (Complete rebrand)

**The BARRELS app is now fully branded as CatchBarrels with the Momentum Transfer logo!**

