PRD 51-56 Implementation Summary & Testing Audit

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Project: SCL v3 (StepLeague)

Executive Summary

PRDs 51-56 have been **substantially completed** over the past week. All 6 PRDs have significant implementation work done:

PRD	Title	Status	Type
51	Social Sharing & Stats Hub	✅ Complete	Core Feature
52	Sharing Tour	✅ Complete	Onboarding
53	Sharing Marketing Page	✅ Complete	Marketing
54	Advanced Sharing Features	✅ Complete	Enhancement
55	Navigation Menu Consistency	✅ Complete	Bug Fix
56	Sharing Encouragement System	✅ Complete	Retention

PRD-51: Social Sharing & Stats Hub ✅

What Was Built

- `/my-stats` Stats Hub page with quick stats summary
- Period selector (Today, Yesterday, This Week, Last Week, This Month, Custom)
- 6 card types: Daily, Weekly, Personal Best, Streak, Rank, Challenge
- Live card preview (WYSIWYG)
- OG Image generation system (1200x630px, dynamic)
- WhatsApp-first share flow with Web Share API
- Post-submission share prompts
- Share history and analytics tracking

How to Test

1. Navigate to `/my-stats` after logging in
2. Select different periods from the dropdown
3. Click "Share This" on any stat card
4. Verify share modal opens with WhatsApp as primary option
5. Test on mobile - verify responsive layout

PRD-52: Sharing Tour ✅

What Was Built

- 7-step guided tour on Stats Hub using Joyride
- Auto-triggers on first Stats Hub visit
- Tour ID: `sharing-guide`
- Analytics tracking (tour_started, tour_completed, tour_skipped)

How to Test

1. Clear localStorage or use incognito mode
2. Navigate to `/my-stats`
3. Tour should auto-start
4. Complete all 7 steps or skip
5. Verify tour doesn't restart on revisit

PRD-53: Sharing Marketing Page ✅

What Was Built

- Public page at `/how-to-share`
- Hero section explaining sharing benefits
- Example cards gallery (dynamically generated via OG API)
- Benefits section with value propositions
- JSON-LD schema for SEO

How to Test

1. Log out (or use incognito)
2. Navigate to `/how-to-share`
3. Verify page loads for guests
4. Check SEO meta tags in page source
5. Verify CTAs link to sign-up/sign-in

PRD-54: Advanced Sharing Features ✅

What Was Built

Phase 1 - Custom Date Ranges:

- DateRangePicker component for custom period selection
- Extended periodUtils.ts for custom range calculations
- Updated Share Modal with date picker
- OG API accepts period_start and period_end params

Phase 2 - Friend Challenges:

- challenges database table with RLS policies
- Challenge state machine (pending → accepted/declined → completed)
- Challenge API routes
- Challenge UI components (ChallengeCard, ChallengeList)
- Challenge dashboard page

Phase 3 - Trend Visualization:

- Trend chart component for weekly progress
- Shareable trend card type
- Trend OG image generation

How to Test

1. Navigate to `/my-stats`
2. Click "Share This" → select "Custom" period
3. Pick start/end dates with the calendar picker
4. Navigate to `/challenges` dashboard
5. Create a challenge targeting a friend

PRD-55: Navigation Menu Consistency ✅

What Was Built

- One-line fix in `src/lib/menuConfig.ts`
- Added `/how-to-share` and `/compare` to publicPages array
- Public navigation now shows full menu on marketing pages for guests

How to Test

1. Log out completely
2. Navigate to `/how-to-share`
3. Verify full public navigation menu appears
4. Navigate to `/compare`
5. Verify same public menu appears

PRD-56: Sharing Encouragement System ✅

What Was Built

Phase 1 - Streak Infrastructure:

- share_streaks database table
- ShareStreakBadge component (Bronze/Silver/Gold/Diamond tiers)
- ShareMilestoneToast with confetti animation

Phase 2 - Insights & Analytics:

- share_analytics_daily table
- ShareInsightsCard showing best sharing day/time
- Week-over-week comparison display

Phase 3 - Nudge System:

- ShareReminder component with streak-at-risk modes
- useShareNudge hook managing nudge logic
- User preferences for nudge frequency

Phase 4 - Dashboard & Polish:

- ShareHistoryList with performance metrics
- ShareAnalyticsDashboard composing all sharing analytics

Classification of Improvements

🚀 Major Features

Feature	PRD
Stats Hub Dashboard	51
Share Card Generator	51
OG Image System	51
Custom Date Range Sharing	54
Friend Challenges System	54
Trend Visualization	54
Share Streak System	56
Share Analytics Dashboard	56

📚 Onboarding/UX

Feature	PRD
Sharing Tour (7 steps)	52
ShareReminder nudges	56
Share Milestone celebrations	56

📣 Marketing/SEO

Feature	PRD
/how-to-share page	53
Navigation menu fix	55

Manual Testing Checklist

Stats Hub (PRD-51)

☐ Navigate to `/my-stats` while logged in
☐ Verify quick stats cards show data
☐ Test period selector (Today, This Week, etc.)
☐ Click "Share This" on a stat card
☐ Verify share modal opens with preview
☐ Test WhatsApp share button
☐ Verify mobile responsiveness

Sharing Tour (PRD-52)

☐ Clear localStorage
☐ Navigate to `/my-stats`
☐ Verify tour auto-starts
☐ Click through all 7 steps
☐ Verify tour doesn't restart on refresh

Marketing Page (PRD-53)

☐ Open `/how-to-share` in incognito
☐ Verify page loads without auth
☐ Check navigation menu is visible
☐ Test CTA buttons

Navigation Fix (PRD-55)

☐ Log out completely
☐ Go to `/how-to-share`
☐ Verify public menu shows
☐ Go to `/compare`
☐ Verify same public menu appears

Streak System (PRD-56)

☐ Share something on day 1
☐ Check streak badge shows "🔥 1"
☐ Verify streak increments on next share
☐ Check Settings → Preferences for nudge options

Image/Asset Status

Static Images

Existing: `public/images/hero-fitness.png` (607KB) ✅

Dynamic Image Generation

All share cards and OG images are generated via `/api/og` endpoint.

No Broken Images Found

The codebase uses:

1. OG Image API - Generates share cards dynamically
2. Supabase Storage - User-uploaded content
3. Lucide React icons - SVG icons

If you see broken images, check:

- Supabase Storage bucket for user uploads
- Admin → Settings → Branding for logos
- User-submitted feedback screenshots

What Makes This App Better

User Value

✅ Share progress anywhere with beautiful cards
✅ Custom date ranges for any period
✅ Challenge friends directly
✅ Track sharing streaks (gamification)
✅ Insights about sharing patterns

Technical

✅ Professional OG Image system
✅ Guided onboarding tours
✅ Robust challenge state machine
✅ Mobile-first responsive design

Marketing/Growth

✅ SEO-optimized marketing pages
✅ Public navigation for guests
✅ Social proof via share cards

End of Summary