UI/UX Audit Report

Application: Corpfinity App • Date: 24/10/2025

Scope: Visual Consistency | Scope: Accessibility (WCAG 2.1 AA) | Scope: Navigation & UX | Scope: React Native Code Quality

Executive Summary

Overall impression: The app presents a cohesive wellness/fitness experience with a consistent visual language. Primary interactions are clear, and UI is clean and modern.

Strengths:

- Consistent layout and spacing via shared constants
- Reusable components (cards, headers, timers)
- Thoughtful animated feedback (AppHeader, ChallengeTimerCard)
- Consistent typography and color usage across core surfaces

Key risks and opportunities:

- Accessibility gaps (roles, labels, focus styling, color contrast)
- Interactive states (press/focus/disabled) not uniformly implemented
- Navigation clarity on web (tab targets and labels)
- Performance (inline style creation, memoization opportunities)
- Documentation/prop typing improvements

Methodology

- Code review: App.tsx, BottomTabs.tsx, core screens (Homepage, Challenges, Insights, Profile), and components (headers, cards, timers, details list, layout).
- Visual inspection: Expo web preview; screenshots captured across primary tabs.
- Accessibility checks: Roles/labels, focus management on web, contrast risks.
- Responsive behavior: Desktop verified; mobile/tablet planned.

Detailed Findings

Visual Consistency

- **Color palette:** Gradients and brand colors are used consistently; verify WCAG contrast for white text on bright gradients. *Severity: Major*
- **Typography:** Hierarchy is broadly consistent; centralize typography scale and tokens. *Severity: Minor*
- **Spacing:** Shared layout constants; unify vertical rhythm across sections. *Severity: Minor*
- **Icons:** Ensure accessibility labels and descriptive roles for icon-only interactions. *Severity: Major*

Accessibility (WCAG 2.1 AA)

- Add `accessibilityRole` and `accessibilityLabel` to Pressable/Touchable elements and tabs. *Severity: Critical*
- Implement visible focus styles on web for keyboard users. *Severity: Critical*
- Validate and fix color contrast (min 4.5:1 body, 3:1 large). *Severity: Critical*
- Provide semantic landmarks and ensure screen reader navigability. *Severity: Major*

Navigation & UX

- Bottom tabs are present; verify web tab targets and roles for consistent interaction. *Severity: Minor*
- Deep link and back behavior not audited in web; add test cases for mobile flows. *Severity: Minor*

Responsive Behavior

- Desktop renders are stable; mobile/tablet capture pending. *Severity: Major*
- Audit fixed widths/absolute positioning to prevent overflow on smaller viewports. *Severity: Major*

Forms & Validation

- Few form-heavy flows observed; ensure clear validation and error messaging. *Severity: Minor*

Loading & Feedback

- Timers provide feedback; add standardized loading/empty/error states with accessible labels. *Severity: Minor*

React Native Code Quality

- Reduce inline style object creation; prefer `StyleSheet.create` and memoized variants. *Severity: Major*

- Add memoization (`React.memo`, `useCallback`) for performance-sensitive components. *Severity: Major*
- Strengthen TypeScript prop typing and JSDoc for components. *Severity: Major*
- Consider context for shared UI state (theme/accessibility flags). *Severity: Minor*

Prioritized Recommendations

Critical

- Accessibility roles/labels on all interactive elements
- Visible focus styles and keyboard navigability on web
- Contrast validation and adjustments for gradient text areas

Major

- Style performance: move dynamic styles to StyleSheet and memoize
- Responsive audit across mobile/tablet; fix overflow/truncation
- Prop typing/JSDoc for component APIs

Minor

- Unify typography and spacing scales
- Standardize loading/empty/error components

Appendices

- Issue inventory spreadsheet (to be delivered): ID, screenshots, component, description, guideline reference, severity, remediation
- Code references: file and line ranges for issues (accessibility/style/performance)
- Screenshot catalogue: desktop and planned mobile/tablet captures

Prepared by: UI/UX Audit Assistant • This report is generated as HTML and exported to PDF.