

GanApp Package and Framework Versions

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Project Version: 1.0.0

This document lists all packages, frameworks, and their versions used in the GanApp Web and Mobile applications.

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Core Frameworks

React

- **Web:** `react@^18.2.0`
- **Mobile:** `react@19.0.0`
- **Root:** `react@19.0.0`

React DOM

- **Web:** `react-dom@^18.2.0`
- **Mobile:** `react-dom@19.0.0`

React Native

- **Mobile:** `react-native@0.79.6`

Expo

- **Mobile:** `expo@~53.0.22`
- **Root:** `expo@~53.0.24`

TypeScript

- **Web:** `typescript@^5.2.2`
 - **Mobile:** `typescript@~5.8.3`
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Web Application Dependencies

Core Framework & Build Tools

- **Vite:** `vite@^5.0.8`
- **React Router:** `react-router-dom@^6.20.1`
- **React Hook Form:** `react-hook-form@^7.48.2`
- **Zod:** `zod@^3.22.4` (validation)
- **Hookform Resolvers:** `@hookform/resolvers@^3.3.2`

UI Libraries & Icons

- **Lucide React:** `lucide-react@^0.542.0` (icons)
- **Heroicons:** `@heroicons/react@^2.2.0`
- **Framer Motion:** `framer-motion@^12.23.12` (animations)
- **Tailwind CSS:** `tailwindcss@^3.4.17`

Rich Text Editors

- **TipTap Core:** `@tiptap/react@^3.10.2`
- **TipTap Starter Kit:** `@tiptap/starter-kit@^3.10.2`
- **TipTap Extensions:**
 - `@tiptap/extension-color@^3.10.2`
 - `@tiptap/extension-highlight@^3.10.2`
 - `@tiptap/extension-image@^3.10.2`
 - `@tiptap/extension-link@^3.10.2`
 - `@tiptap/extension-text-align@^3.10.2`
 - `@tiptap/extension-text-style@^3.10.2`
 - `@tiptap/extension-underline@^3.10.2`
- **Quill:** `quill@^2.0.3`
- **React Quill:** `react-quill@^2.0.0`

Backend & Database

- **Supabase JS:** `@supabase/supabase-js@^2.56.1`
- **Upstash Redis:** `@upstash/redis@^1.35.7`
- **JWT Decode:** `jwt-decode@^4.0.0`

PDF & Document Generation

- **jsPDF:** `jspdf@^3.0.4`
- **PDF Lib:** `pdf-lib@^1.17.1`
- **HTML2PDF.js:** `html2pdf.js@^0.12.1`
- **HTML2Canvas:** `html2canvas@^1.4.1`

QR Code Generation

- **QRCode:** `qrcode@^1.5.4`

Data Processing

- **PapaParse:** `papaparse@^5.5.3` (CSV parsing)
- **XLSX:** `xlsx@^0.18.5` (Excel files)

Charts & Visualization

- **Recharts:** `recharts@^2.8.0`

Utilities

- **DOMPurify:** `dompurify@^3.3.1`
 - **SweetAlert2:** `sweetalert2@^11.26.10`
 - **Type Definitions:**
 - `@types/dompurify@^3.0.5`
-

Mobile Application Dependencies

Core Framework

- **Expo Router:** expo-router@~5.1.5
- **React Navigation:**
 - @react-navigation/native@^7.1.6
 - @react-navigation/bottom-tabs@^7.3.10
 - @react-navigation/drawer@^7.3.9
 - @react-navigation/elements@^2.3.8

Expo Modules

- expo-blur: ~14.1.5
- expo-clipboard: ~7.1.5
- expo-constants: ~17.1.7
- expo-document-picker: ^14.0.7
- expo-file-system: ~18.1.11
- expo-font: ~13.3.2
- expo-haptics: ~14.1.4
- expo-image: ~2.4.0
- expo-image-manipulator: ^14.0.7
- expo-image-picker: ~16.1.4
- expo-intent-launcher: ^13.0.7
- expo-linear-gradient: ^15.0.7
- expo-linking: ~7.1.7
- expo-media-library: ~17.1.7
- expo-notifications: ^0.29.14
- expo-router: ~5.1.5
- expo-secure-store: ~14.2.4
- expo-sharing: ~13.1.5
- expo-splash-screen: ~0.30.10
- expo-sqlite: ^16.0.10
- expo-status-bar: ~2.2.3
- expo-symbols: ~0.4.5
- expo-system-ui: ~5.0.11
- expo-web-browser: ~14.2.0

Camera & QR Code

- **React Native Vision Camera:** react-native-vision-camera@^4.7.2
- **React Native QR Code SVG:** react-native-qrcode-svg@^6.3.20

Storage & Data

- **Async Storage:** @react-native-async-storage/async-storage@^2.2.0
- **Supabase JS:** @supabase/supabase-js@^2.57.2
- **JWT Decode:** jwt-decode@^4.0.0

UI Components & Styling

- **NativeWind:** nativewind@^4.1.23 (Tailwind for React Native)
- **Tailwind CSS:** tailwindcss@^3.4.17

- **React Native SVG:** `react-native-svg@^15.15.0`
- **React Native Safe Area Context:** `react-native-safe-area-context@^5.6.1`
- **React Native Screens:** `react-native-screens@~4.11.1`
- **React Native Gesture Handler:** `react-native-gesture-handler@~2.24.0`
- **React Native Reanimated:** `react-native-reanimated@~3.17.4`
- **React Native Web:** `react-native-web@~0.20.0`
- **React Native WebView:** `react-native-webview@13.13.5`
- **React Native Render HTML:** `react-native-render-html@^6.3.4`

Image Processing

- **React Native Image Picker:** `react-native-image-picker@^8.2.1`
- **React Native Image Resizer:** `react-native-image-resizer@^1.4.5`
- **React Native Image Marker:** `react-native-image-marker@^1.2.9`
- **React Native View Shot:** `react-native-view-shot@^4.0.3`

Utilities

- **Clipboard:** `@react-native-clipboard/clipboard@^1.16.3`
- **NetInfo:** `@react-native-community/netinfo@^11.4.1`
- **Keyboard Aware Scroll View:** `react-native-keyboard-aware-scroll-view@^0.9.5`
- **MIME:** `mime@^4.1.0`
- **SweetAlert2:** `sweetalert2@^11.26.10`

Icons

- **Expo Vector Icons:** `@expo/vector-icons@^14.1.0`
- **Heroicons:** `@nandorojo/heroicons@^0.3.0`

Development Tools

- **Prettier Plugin Tailwind:** `prettier-plugin-tailwindcss@^0.5.14`

Shared Dependencies

Backend Services

- **Supabase JS:**
 - Web: `@supabase/supabase-js@^2.56.1`
 - Mobile: `@supabase/supabase-js@^2.57.2`

Authentication & Security

- **JWT Decode:** `jwt-decode@^4.0.0` (both web and mobile)

UI Components

- **SweetAlert2:** `sweetalert2@^11.26.10` (both web and mobile)
- **Tailwind CSS:** `tailwindcss@^3.4.17` (both web and mobile)

Development Dependencies

Web Development Dependencies

Testing

- **Vitest:** vitest@^4.0.16
- **Vitest UI:** @vitest/ui@^4.0.16
- **Testing Library React:** @testing-library/react@^16.3.1
- **Testing Library Jest DOM:** @testing-library/jest-dom@^6.9.1
- **Testing Library User Event:** @testing-library/user-event@^14.6.1
- **jsdom:** jsdom@^27.3.0

Build Tools

- **Vite Plugin React:** @vitejs/plugin-react@^4.2.1
- **PostCSS:** postcss@^8.4.32
- **Autoprefixer:** autoprefixer@^10.4.16

Type Definitions

- **@types/react:** ^18.2.43
- **@types/react-dom:** ^18.2.17

Mobile Development Dependencies

Build Tools

- **Babel Core:** @babel/core@^7.25.2

Linting

- **ESLint:** eslint@^9.25.0
- **ESLint Config Expo:** eslint-config-expo@~9.2.0

Type Definitions

- **@types/react:** ~19.0.10

Root Development Dependencies

- **rimraf:** rimraf@^5.0.0 (file deletion utility)

Build Tools & Configuration

Web Application

Build System

- **Vite:** ^5.0.8
- **Vite Plugin React:** ^4.2.1

CSS Processing

- **PostCSS:** ^8.4.32
- **Autoprefixer:** ^10.4.16
- **Tailwind CSS:** ^3.4.17

TypeScript Configuration

- **Target:** ESNext
- **Module:** ESNext
- **JSX:** react-jsx
- **Strict Mode:** Enabled

Mobile Application

Build System

- **Expo SDK:** 53.0.22
- **Metro Bundler:** Used for web output

TypeScript Configuration

- **Extends:** expo/tsconfig.base
- **Strict Mode:** Enabled
- **JSX:** react-jsx

Expo Configuration

- **New Architecture:** Enabled
 - **Typed Routes:** Enabled (experimental)
 - **Orientation:** Portrait
 - **iOS Support:** Tablet supported
 - **Android Edge-to-Edge:** Enabled
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System Requirements

Node.js & npm

- **Node.js:** >=16.0.0 (required)
- **npm:** >=8.0.0 (required)

Web Application Runtime

- **Modern Browsers:**
 - Chrome 90+
 - Firefox 88+
 - Edge 90+
 - Safari 14+

Mobile Application Runtime

iOS

- **Minimum iOS Version:** iOS 13.0+
- **Devices:** iPhone 6s or later, iPad (5th generation) or later
- **Xcode:** Latest version recommended

Android

- **Minimum Android Version:** Android 8.0 (API level 26)+
 - **Android Studio:** Latest version recommended
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Package Management

Installation Commands

Install All Dependencies

```
npm run install:all
```

Web Application Only

```
cd apps/web
npm install
```

Mobile Application Only

```
cd apps/Mobile
npm install
```

Lock Files

- **Web:** apps/web/package-lock.json
 - **Mobile:** apps/Mobile/package-lock.json
 - **Root:** package-lock.json
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Version Update Policy

Major Updates

- Review breaking changes before updating
- Test thoroughly in development environment
- Update documentation if APIs change

Minor & Patch Updates

- Generally safe to update
- Review changelogs for known issues
- Test critical features after updates

Security Updates

- Apply immediately
 - Review security advisories
 - Test affected features
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Notes

Version Differences

- **React:** Web uses React 18.2.0, Mobile uses React 19.0.0
- **Supabase:** Minor version difference between web (2.56.1) and mobile (2.57.2)
- **TypeScript:** Web uses 5.2.2, Mobile uses 5.8.3

Compatibility

- All packages are compatible with their respective frameworks
- Expo SDK 53 is compatible with React Native 0.79.6
- Vite 5.x supports React 18.x

Known Dependencies

- Some packages may have peer dependencies not listed here
- Check individual package documentation for complete dependency trees
- Use `npm list` to view installed versions in your environment

Maintenance

Regular Updates

- Review dependencies monthly for security updates
- Update minor versions quarterly
- Major version updates require thorough testing

Dependency Audit

```
# Check for vulnerabilities
npm audit

# Fix vulnerabilities
npm audit fix

# Check outdated packages
npm outdated
```

Version Pinning

- Production builds should use exact versions or lock files
- Development can use caret (^) or tilde (~) ranges
- Critical packages should be pinned to specific versions

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