

// 🕒 TimeWell Frontend Rubric - Detailed Task List

// 🔧 Core Setup

- [] Initialize React Native project with Expo
- [] Set up project file structure (e.g. `screens/`, `components/`, `context/`, `hooks/`, `services/`)
- [] Configure TypeScript (optional but recommended)
- [] Install required libraries:
 - [] React Navigation (Stack, Bottom Tabs)
 - [] Zustand or Redux Toolkit
 - [] Tailwind via NativeWind or Styled Components
 - [] Axios or Fetch for API calls
 - [] Firebase (for Auth & Storage, if used)
 - [] react-native-vector-icons or heroicons for icons

// 📱 Screens To Build

- [] ****Onboarding Screen****
 - [] Enter name & upload photo
 - [] Choose goals (Fitness, Wealth, Productivity, Learning)
 - [] Select coach voice (Cool Cousin, OG Big Bro, etc.)
 - [] Sync calendar permissions (Google/Apple)

- [] ****Home Dashboard****

- [] Daily greeting and motivational quote
- [] Display today's events and habits
- [] Show AI coach suggestion (styled as Coach Bubble)
- [] Goal progress rings

- [] ****Calendar Screen****

- [] Full event view by day/week/month
- [] Add/edit/delete events
- [] Visual indicator for goal alignment

- [] ****Goals & Habits Screen****

- [] Display user goals (with progress)
- [] Daily checklist for habits
- [] Create/edit habits
- [] Habit streak animation and confetti

- [] ****Coach Screen (AI Chat)****

- [] Chat-style UI for AI messages
- [] Animated response cards (bounce, shimmer, etc.)
- [] Emoji reactions + swipeable history

- [] **Reports Screen**
- [] Weekly stats on habits and time alignment
- [] AI-written summary message
- [] Charts for habit streaks and goal engagement

- [] **Settings Screen**
- [] Change coach voice
- [] Reconnect calendar
- [] Update user info

// 🧠 State Management

- [] Use Zustand or Redux for global state:
- [] Auth state (user session)
- [] User goals, habits, events, AI suggestions
- [] Coach voice and personalization settings

// 🎨 UI Components

- [] Custom button (rounded 2xl, shadows)
- [] Card component (glow border, slide-up animation)

- [] Animated progress ring
- [] Habit checkbox with bounce
- [] Quote overlay component
- [] Floating bottom tab nav with shadows

// 🎨 Animations

- [] Screen transitions (fade-in/slide-in)
- [] Button press ripple
- [] Coach voice-specific animation (bounce, shimmer, etc.)
- [] Confetti for streaks

// 🏠 API Integration (with FastAPI backend)

- [] `POST /auth/signup` and `POST /auth/login`
- [] `GET /users/:id/goals` and `POST /users/:id/goals`
- [] `POST /events`, `GET /events/:user_id`, `POST /events/analyze`
- [] `POST /habits`, `PUT /habits/:id`, `GET /habits/:user_id`
- [] `GET /suggestions/:user_id`
- [] `POST /coach/reflect`

// Security & Permissions

- [] Token-based auth in API requests
- [] Calendar permission check for Google/Apple
- [] Secure storage of auth token (AsyncStorage or SecureStore)

// Deployment

- [] Configure app.json for builds
- [] Build APK/IPA using EAS Build (Expo)
- [] Prepare for TestFlight and Google Play submission
- [] Splash screen and app icons (Afro-futurist branding)

// Optional Features

- [] Dark mode support
- [] Push notifications (Firebase)
- [] Offline support for habits + calendar caching

Let me know when you're ready to scaffold components or screens!