

Detailed Requirement Document for "Run & Win" Mobile Application

1. Overview

The "Run & Win" mobile application is designed to track users' physical activities such as walking, running and pushup challenges. It incentivizes users through a points system, leaderboard and rewards catalog. This document outlines the major features and user requirements for the app to help vendors prepare their proposals.

2. Major Features

1. User Authentication:

○ Login/Sign-Up:

- Users should be able to sign up using their mobile number.
- Verification via OTP (One-Time Password) sent to the user's mobile number.

○ User Profile:

- Users should be able to create and edit their profile including first name, last name, email, date of birth, gender and city.

2. Activity Tracking:

○ Walking:

- Track daily steps and display on the home screen.

○ Running:

- Track running distance and display on the home screen.

○ Challenges board :

- Track pushup, bench press etc. counts and display on the home screen.

○ Records Analysis:

- Provide detailed analysis of activities including steps, distance, calories burned and heart rate over time.

3. Rewards System:

○ Points Earning:

- Users earn points for completing daily and weekly activity targets.
- Points can be redeemed for rewards such as cash, discounts and products.

○ Coins Redemption Catalog:

- Display a catalog of items users can redeem their points for.
- Include offers and marketplace sections for available rewards.

○ Wallet:

- Show total rewards earned in USD and points balance.
- Allow users to exchange points for rewards and withdraw cash.

4. Leaderboard:

- Display top users based on their activity achievements.
- Show user's rank and performance in comparison to others.

5. Social Features:

- **Nearby Users:**
 - Show a list of recommended nearby users to follow.
 - Users can follow/unfollow other users.
- **Profile:**
 - Display user's followers, following and likes count.
 - Allow users to invite friends to earn cash.

6. Notifications:

- Send notifications for verification, rewards earned, daily targets and other important updates.

3. User Requirements

1. User-Friendly Interface:

- The app should have an intuitive and easy-to-navigate interface.
- Ensure accessibility for all user demographics.

2. Data Privacy:

- User data should be securely stored and not shared without consent.
- Comply with relevant data protection regulations.

3. Performance:

- The app should perform smoothly without lags, even with extensive user data.
- Minimize battery consumption during activity tracking.

4. Integration:

- Integrate with popular fitness platforms like Google Fit and Apple Health for seamless data synchronization.
- Allow users to share their achievements on social media platforms.

5. Customization:

- Provide options to customize the app interface with different themes.
- Allow users to set personalized activity goals.

4. Technical Requirements

1. Platform Compatibility:

- The app should be compatible with both Android and iOS devices.
- Ensure support for various screen sizes and resolutions.(responsive designs)

2. Backend Services:

- Use a robust backend service to handle user authentication, data storage and real-time updates.
- Ensure scalability to handle a growing number of users.

3. Security:

- Implement strong security measures to protect user data and prevent unauthorized access.
- Use encryption for sensitive data transmission and storage.

4. **Analytics & Logs** - Need a mechanism to track user activity, dropout, conversions

5. Submission Requirements

Vendors are requested to include the following in their proposals:

1. **Project Plan:**
 - Detailed timeline and milestones for the project.
 - Key deliverables at each stage of the development process.
2. **Technical Approach:**
 - Proposed technologies and frameworks to be used.
 - Integration strategy with third-party platforms and services.
3. **Cost Estimate:**
 - Detailed cost breakdown including development, testing, deployment and maintenance.
4. **Previous Experience:**
 - Examples of similar projects completed.
 - References from previous clients.

By following the requirements outlined in this document, vendors can ensure they meet the expectations for the "Run & Win" mobile application, providing a robust and engaging experience for users.