**Product Requirements Document (PRD)**

**Product Name:** VibeConnect (placeholder – update with your name)  
**Owner:** Zenil  
**Date:** [Insert Date]  
**Version:** v1.2

**1. Overview**

**Goal:**  
A **black-themed, emoji-rich community portal** where users can:

* Discover and join local communities 🏘️
* Get event notifications 📅 and announcements 📢
* Earn XP 🏆 for contributing (posts, comments, attending events, invites)
* Compete on community leaderboards 💪
* Track personal journey with an **open timeline** ⏳ (like LinkedIn)

**Vision:**  
Transform local communities into **engaging, gamified spaces** where participation is fun, visible, and rewarding.

**2. Target Users**

* **Residents & Students** → want to discover and engage with local groups.
* **Community Leaders** → manage memberships, post events, moderate.
* **Contributors** → seek recognition and reputation.

**3. Key Features**

1. User profiles (customizable, XP, timeline).
2. Communities (join with leader approval, feeds, events).
3. Events & announcements with RSVP.
4. XP & leaderboard system.
5. User timeline (joined, posted, attended, left).

**4. Detailed Screens (MVP)**

**A. Onboarding & Authentication**

1. **Splash Screen**
   * Black background, app logo, tagline with emojis.
   * Example: “VibeConnect ✨ Find. Join. Excel.”
2. **Sign Up / Login Screen**
   * Options: Email, phone, Google login.
   * Emojis in input placeholders (e.g., “📧 Enter your email”).
3. **Profile Setup Screen**
   * Upload avatar/photo.
   * Add name, bio, emojis.
   * Select interests (tags) to recommend communities.

**B. Home / Feed**

1. **Home Feed Screen**
   * Scrollable posts from joined communities.
   * Post types: announcements 📢, events 📅, discussions 💬.
   * Reaction options with emojis 👍🔥😂💡.
   * Quick view of upcoming events.
   * Mini leaderboard widget (top 3 contributors).
2. **Explore Communities Screen**
   * Search bar + filter (by interest/location).
   * List of communities with name, description, member count.
   * “Request to Join” button.
   * Pending status visible until leader approval.

**C. Community Screens**

1. **Community Overview Screen**
   * Community banner + description.
   * Leader details (profile & XP).
   * Member count and list.
   * Join/Leave status with approval needed.
2. **Community Feed Screen**
   * Posts with text/images/emojis.
   * Commenting system with reactions.
   * Post creation button (“+ Create Post ✍️”).
3. **Community Events Screen**
   * Upcoming and past events.
   * Event cards with date, location, RSVP button.
   * XP reward display (e.g., “+20 XP if attended 🎉”).
4. **Community Leaderboard Screen**
   * Ranked members by XP.
   * Display username, XP, rank emoji (🥇🥈🥉).
   * Badges for “Top Contributor” or “Community Leader.”

**D. Profile & Timeline**

1. **User Profile Screen**
   * Avatar, name, bio, emojis.
   * XP progress bar + level.
   * List of communities joined.
   * Badge section (top contributor, event streaks).
2. **User Timeline Screen**
   * Chronological log of:
     + ✅ Joined Community
     + ✍️ Posted in Community
     + 🎉 Attended Event
     + ❌ Left Community
   * Publicly visible to others (like LinkedIn activity feed).

**E. Leader/Admin Screens**

1. **Membership Requests Screen**
   * Pending join requests with profile preview.
   * Approve/Reject buttons.
2. **Community Management Screen**
   * Edit description, add banner.
   * Create events & announcements.
   * Pin important posts.
3. **Member Insights Screen**
   * Leaderboard view.
   * Engagement stats (posts, comments, attendance).

**F. Gamification Screens**

1. **XP Notification Popups**
   * Appear after actions:
     + “+10 XP for posting ✍️”
     + “+5 XP for commenting 💬”
     + “+20 XP for attending 🎉”
   * Negative/inactivity: “-5 XP ❌ missed 3 days.”
2. **Leaderboard (Global & Community)**
   * Toggle between “My Communities” and “Global.”
   * Highlight current user rank.
3. **Level-Up Screen**
   * Celebratory popup with confetti 🎊.
   * Show unlocked badge/level.

**5. User Flow**

1. Sign up → Create profile.
2. Explore and request to join a community.
3. Leader approves → user enters feed.
4. User posts/comment/RSVP → earns XP.
5. Leaderboard updates in real-time.
6. Timeline logs all actions.

**6. Game Mechanics**

* **What is the portal?**  
  A gamified local community hub where activity = XP = recognition.
* **How do I use it?**  
  Join communities (with approval), contribute, attend events, and track timeline.
* **What are the patterns?**
  + Consistent contribution → XP rise.
  + Inactivity → XP decay.
  + Leaderboards + badges drive engagement.
* **How do I excel?**  
  Be consistent, post valuable content, attend events, and climb leaderboards.

**7. Non-Functional Requirements**

* **Design:** Black theme + emojis for modern vibe.
* **Performance:** Real-time feed, XP, and leaderboard updates.
* **Security:** Approval-only communities prevent spam.
* **Scalability:** Handle multiple communities smoothly.

**8. Success Metrics**

* **of communities created.**
* % of active users weekly.
* Event participation rate.
* Leaderboard churn (rotation of top users).
* User retention (Day 30 active users).

**9. Tech Stack (Proposed)**

* **Frontend:** React Native (mobile-first, dark mode).
* **Backend:** Node.js + Express.
* **Database:** PostgreSQL.
* **Auth:** Firebase / Auth0.
* **Hosting:** AWS / GCP.
* **Notifications:** Firebase Cloud Messaging.

**10. Timeline (MVP Delivery)**

* **Month 1:** Authentication, profiles, communities (join/approval).
* **Month 2:** Events, announcements, notifications.
* **Month 3:** XP system, leaderboards, timeline.