**🧊 IceBreaker MVP UI/UX Master Plan**

**🎯 1. Core Principles**

| **Principle** | **Why It Matters** |
| --- | --- |
| **Real-Time, No Clutter** | Prioritize instant interactions. No newsfeeds, no deep menus. |
| **Privacy First** | No persistent profiles, no permanent chats, user chooses visibility. |
| **Minimalist Retro-Tech** | Nostalgia + clarity. No glossy Instagram-styled chaos. |
| **Fast Navigation** | Tap, swipe, match — 2–3 actions max to anything important. |
| **Accessibility** | High-contrast, screen reader friendly, minimal moving parts for motion-sensitive users. |

**🖥️ 2. Key Screens & Experiences**

| **Screen** | **Description** | **Core UX Goals** |
| --- | --- | --- |
| **Splash / Boot Screen** | Soft retro loading effect, quick entry | Establish IceBreaker vibe immediately |
| **Onboarding Swipe Flow** | What IceBreaker is → Control/Safety → Opt-In ("Break the Ice") | Set tone, secure user buy-in |
| **Authentication** | OAuth (Google, Apple, Email) | Frictionless login |
| **Interests Setup** | User picks interests (tags) to help matching | Speedy setup, personalize without overcommitting |
| **Main Radar Screen** | Proximity scanning + user cards dynamically appear | Real-time matching, instant discovery |
| **User Cards (Dynamic)** | Show minimal info: random username, shared interests, match score | Build trust fast, no overload |
| **Ephemeral Chat** | Terminal-style chat UI, messages auto-expire on distance break | Fun, nostalgic, lightweight interaction |
| **Settings** | Visibility toggle, emergency contacts, account basics | Empower privacy, easy access to critical functions |
| **Panic Button** | Always-visible SOS button | User safety above all else |

**🎨 3. Visual & Brand Styling**

| **Element** | **Style** |
| --- | --- |
| **Color Palette** | Background: #2C3A59 (Deep Muted Navy)  Primary Accent: #4D84C3 (Soft IceBreaker Blue)  Secondary Highlight: #EC9C38 (Warm Orange) |
| **Typography** | Monospaced (retro-tech aesthetic), no cursive or overly stylized fonts |
| **Layout Vibes** | Centered, minimalist UI with intuitive spacing; no overstuffed screens |
| **Animations** | Subtle only: soft swipes, text fade-ins, radar pulses — no jerky transitions |
| **Icons** | Simple, line-art style (not colorful emoji packs) |

**🛡️ 4. Privacy, Safety & Trust Features**

| **Feature** | **Behavior** |
| --- | --- |
| **Visibility Toggle** | Users can hide from discovery at any time |
| **Anonymous Matching** | Users use random usernames until they reveal real names voluntarily |
| **No Persistent History** | Chats and matches disappear after proximity breaks |
| **Panic Button** | Sends emergency alert to pre-chosen contacts immediately |

**🛠️ 5. Interaction Flow (Big Picture)**

plaintext

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[Splash Screen]

↓

[Onboarding Swipe Flow]

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[Authentication]

↓

[Interest Selection]

↓

[Main Radar Screen]

↘ Match → [Ephemeral Chat]

↘ Panic Button → [Emergency Action Screen]

↘ Settings → [Manage Visibility, Contacts]

* **Movement:** Always lateral (swipes or quick taps).
* **Loading Feel:** Real-time radar scan feel when waiting (pulsing circle).
* **Error Handling:** Friendly messages (e.g., "No one nearby... yet. Stay tuned!") — **no hard blocks.**

**📈 6. Success Metrics for UX Validation**

| **Metric** | **Target** |
| --- | --- |
| **Session Time** | 3–5 minutes avg (short, real-world interactions) |
| **Match Initiation Rate** | >50% of users start a chat if someone nearby |
| **Panic Button Usability** | <3 seconds to activate from anywhere |
| **Onboarding Completion** | >80% finish onboarding once they start |
| **User Comfort Feedback** | 85%+ users say "felt safe and easy" |