ZEROVAEGA TECHNOLOGIES

BUSINESS CASE

Activity-Based Dating & Social Networking Platform

Reimagining online dating through interest-based matching, real-world activities and verified, secure connections



Client / Executed By
Zerovaega Technologies Pvt. Ltd.

Platform
Android (Flutter)

01 EXECUTIVE SUMMARY

Traditional dating apps limit connection to location-based swiping, leaving little room for genuine, interest-driven relationships. Zerovaega Technologies designed and built an Activity-Based Dating & Social Networking platform that unifies compatibility-driven profile matching, real-world activity discovery, secure verified communication and premium monetisation in a single, scalable mobile experience — creating a more trustworthy and engaging path from first match to first meeting.

BUSINESS CHALLENGE

- Matching limited mainly to proximity, not shared interests
- Minimal real-world, activity-based interaction between users
- Prevalence of fake or unverified profiles eroding trust
- Declining engagement after the initial match
- Difficulty monetising without disrupting user experience
- Limited tools for moderation and user safety

THE PROPOSED SOLUTION

- OTP-based onboarding with detailed profile creation
- Mandatory compatibility questionnaire driving smarter matches
- Interest & activity-based discovery with adjustable radius (default 40 km)
- User-created activities (date, time, location) to meet organically
- Swipe, Super Like, save & share profiles; real-time private messaging
- Selfie + government ID verification and tiered subscriptions

03 KEY CAPABILITIES

Smart Matching
Interest & questionnaire-based compatibility scoring

Activity Discovery
Create & join real-world activities nearby

Radius Control
Customisable discovery radius, 40 km default

Swipe Engine
Like, Dislike, Super Like with daily refill

Real-Time Chat
Secure private messaging for matched users

Verification
Live selfie + ID checks with admin approval

Subscriptions
Unlimited swipes, ad-free, priority visibility

Admin Control
Moderation, reporting & verification workflows

04 SOLUTION ARCHITECTURE

MOBILE APP

- Registration & OTP authentication
- Profile, activity & swipe engine
- In-app messaging & notifications
- Subscription & verification flows

BACKEND SERVICES

- User & matching engine
- Activity & messaging services
- Subscription management
- Verification workflow & notifications

ADMIN PANEL

- User & activity management
- Verification request review
- Content moderation
- Platform-wide analytics

05 TECHNOLOGY STACK

Mobile Application	Flutter (Android)	Notifications	Firebase Cloud Messaging (FCM)
Backend APIs	REST APIs	Maps & Location	Google Maps API
Authentication	Mobile OTP	Storage	Cloud Storage
Database	MySQL	Admin Portal	Web-Based Dashboard

06 VALUE DELIVERED & BUSINESS IMPACT

- Interest & activity-driven engagement beyond simple swiping
- Higher-quality matches through compatibility questionnaires
- Increased trust via ID + selfie verification and moderation
- Sustainable monetisation through tiered subscriptions
- Modular, scalable architecture ready for rapid feature growth

07 FUTURE ROADMAP

- Voice-assisted navigation via Text-to-Speech & Speech-to-Text
- Regional language support — Hindi and Marathi
- AI-based voice message moderation for abusive content
- Continued expansion of activity-based social discovery

08 CONCLUSION

The Activity-Based Dating & Social Networking Platform reflects Zerovaega Technologies' expertise in building secure, scalable social products — combining intelligent matching, real-world activities and verified communication into one trusted ecosystem for meaningful connection.



BUILDING TRUST. DRIVING CONNECTIONS.
Smarter matching. Real-world activities. Verified users. One platform for meaningful relationships.

TRUSTED & VERIFIED | ACTIVITY DRIVEN | REAL-TIME ENGAGEMENT | SECURE & SAFE