

ReelBoost – Extended Technical Requirement Document (v2)

5 ■■ Detailed Feature Breakdown

- **User Registration & Authentication:** Email/Phone sign-up with OTP or password, social login (Google), two-factor authentication for security.
- **User Dashboard:** Displays wallet balance, active orders, order history, API key for resellers, and notifications.
- **Add Funds:** Users can add funds via Razorpay/Cashfree. Auto wallet update after payment confirmation.
- **Place Order:** Form: Select service → Enter link → Enter quantity → Price auto-calculated → Confirm → Deduct wallet balance.
- **Order Tracking:** Real-time tracking via supplier API. Status updates: Pending → Processing → Completed/Failed.
- **Service List Page:** Dynamic listing of services by category (Instagram, YouTube, TikTok). Includes price per 1K units and ETA.
- **Support/Helpdesk:** Integrated ticket system + chat (Tawk.to or Crisp). Admin can manage tickets in backend.
- **Affiliate/Referral System:** Each user gets a unique referral link. Earn % commission on referred users' purchases.
- **Reseller API Access:** Resellers get API keys for bulk orders. Custom markup percentage adjustable per reseller.
- **Admin Panel:** Dashboard overview of revenue, users, and orders. CRUD operations on services, pricing, and API connections.

6 ■■ Service Categories (Initial Catalogue)

Platform	Service Examples	Base Price/1K (■)	ETA
Instagram	Views, Likes, Followers, Reels Reach	0.22–3.0	30 min – 6 hrs
YouTube	Views, Likes, Subscribers, Watch Time	0.5–4.5	2 hrs – 12 hrs
Facebook	Page Likes, Post Reactions, Shares	0.3–2.0	1–8 hrs
Twitter/X	Followers, Retweets, Likes	0.4–3.5	1–6 hrs
Telegram	Channel Members, Views, Reactions	0.2–1.0	Instant – 2 hrs

7 ■■ API Logic Flow & Automation

1. User places an order → stored in `orders` table with status = Pending.
2. Backend triggers supplier API request with parameters (service_id, quantity, link).
3. Supplier API returns order_id → store in `api_orders` table.
4. Scheduler (cron job every 5 min) checks supplier API for order status.

5. Status auto-updates (Processing → Completed/Failed).
6. If failed, amount auto-refunded to user wallet.
7. Admin can manually trigger resync or refund.

8■■ Security & Compliance

- All sensitive data encrypted (AES-256 for passwords & API keys).
- HTTPS mandatory with SSL certificate.
- Rate limiting to prevent spam API calls.
- Admin panel secured with IP whitelist & 2FA.
- Regular data backup (daily incremental, weekly full).
- Privacy policy and refund terms displayed transparently on site.

9■■ Future Upgrade Possibilities

- Mobile App (React Native or Flutter) with wallet sync.
- AI-powered analytics dashboard showing top-performing services.
- Custom invoice generation for resellers.
- Dynamic pricing based on demand.
- Integrate with WhatsApp bot for instant order tracking.

■ This document defines all technical, business, and design requirements for ReelBoost. Developers should maintain modular code structure and API-driven design for scalability.

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