

# ReelBoost – Technical Requirement Document (TRD)

**Project Type:** Social Media Marketing (SMM) Panel Platform

**Version:** 1.0

**Date:** October 2025

**Prepared for:** Full Stack Developer

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## 1 ■■ Core Objectives

- Build a fully automated, modern SMM panel web application.
- Enable users to purchase social media services (Instagram, YouTube, etc.) by submitting links and desired quantity.
- Integrate multiple supplier APIs for order automation and tracking.
- Provide wallet-based payments and real-time balance deduction.
- Offer reseller and affiliate systems for scaling.

## 2 ■■ Technology Stack Recommendation

Layer	Recommended Stack	Notes
Frontend	React.js / Next.js + TailwindCSS	Modern, fast, SEO-friendly
Backend	Node.js (Express/NestJS) or Laravel (PHP)	API-driven structure
Database	MySQL / PostgreSQL	Relational for transactions
Cache	Redis	For session & API caching
Hosting	AWS / DigitalOcean / Render	Auto-scale + HTTPS
Payment Gateway	Razorpay / Cashfree / Stripe	Secure wallet + direct pay
Supplier API Integration	SMM providers (JustAnotherPanel, SMM-Army, etc.)	Automation
Notifications	Email + WhatsApp (Twilio API or Interakt)	Order updates

## 3 ■■ Core Modules Overview

- User Module – Registration, Wallet, Orders, Tracking, Support
- Admin Module – Dashboard, User & Order Management, Service Control
- Reseller / Affiliate Module – API Access, Referral System, Custom Pricing
- API Integration Module – Supplier connection, Auto status updates
- Payment & Wallet Module – Razorpay integration, Auto wallet updates
- UI/UX Design – Modern, responsive, mobile-first with dark mode option

## 4■■ Business Settings

Currency	INR (■)
Default GST	18% (optional)
Commission	Affiliate: 10%, Reseller: 20%
Minimum Order	100 views
Max Order	1M views per service
Refund Policy	Credit to wallet only