



Project Overview

This document outlines the key features, technical requirements, operations, and budget for building a B2B e-commerce platform like Alibaba or IndiaMART.

This B2B Marketplace Website will support three types of users: -

- Admin: Manages sellers, buyers, transactions, and content.
- Seller: Registers, lists products, manages inquiries and orders.
- Buyer: Searches products, sends inquiries, and place

Portal-Wise Operations and Features

Admin Portal:

- User Management: Buyers and Sellers
- Product Moderation: Approve/Reject Listings
- Order Oversight: View and Intervene in Orders
- Payment Handling: Receive from Buyer, Distribute to Seller
- Commission Management: Set and Calculate Admin Commission
- Analytics Dashboard: Traffic, Orders, Revenue (Graph)
- CMS Panel for Static Pages (About, Terms, etc.)
- JWT-based secure Admin Login
- Notifications Center (Email/SMS/Platform-based)
- Role-Based Access Control (Sub-Admins)
- Dashboard overview
- Seller verification and approval
- Manage buyers
- Manage product listings and disputes
- Review transactions and payouts
- Manage banners and site content

Buyer Portal:

- Register/Login (JWT Auth)
- Product Browsing with Filters





B2B E-Commerce Website Proposal

HarIT Tech Solution

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- Request for Quotation (RFQ)
- Browse and search products
- Send inquiries to sellers
- Place orders and track them
- Manage account and wishlist
- Compare Quotes
- Cart and Checkout
- Order Tracking
- Messaging with Seller
- Reviews and Ratings
- Profile Management
- Order History Dashboard

Seller Portal:

- Register/Login (KYC Required + JWT Auth)
- Create and manage product listings
- Receive and respond to inquiries
- Track orders and transactions
- Access analytics and earnings
- Add/Edit/Delete Products
- Manage Inventory
- View RFQs and Respond to Buyers
- Messaging System
- Order Management Dashboard
- Track Payments and Earnings
- Withdrawal Requests
- Store/Profile Management
- Notification Center



Our Business Partner



THREE BROTHERS PROMOTION

DIGITAL MARKETING AGENCY

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Technology Stack and Architecture

Frontend:

- React.js + Tailwind CSS (Responsive UI)

Backend:

- Node.js + Express.js (REST API)
- JWT for Authentication
- Multer for file uploads- Socket.IO for real-time chat

Database:

- MongoDB (Product Listings, Orders, Users)
- Redis (Session and Cache)
- Firebase Storage or AWS S3 for mediaOthers:
- Payment Gateway: Razorpay/Stripe
- Email: SendGrid
- SMS: Twilio/MSG91
- Hosting: AWS EC2 / Vercel / Hostinger VPS

Budget Estimation (INR)

A. Development Costs:-

UI/UX Design	INR 8,000
Frontend Development	INR 17,000
Backend Development	INR 25,000
Testing and QA	INR 5,000
Deployment & Maintenance	INR 10,000
Total	INR 65,000

Total Estimate: INR 1,19,000 (for one year)

B. Monthly Services:-

Domain (GoDaddy)	INR 100
Hosting (VPS + Frontend)	INR 2,000
MongoDB Atlas (Shared Cluster)	INR 900
AWS S3 for Storage	INR 600
Email Service (SendGrid) SMS/OTP (Twilio/MSG91)	INR 900
Total Monthly	INR 4500

