Project Proposal & Cost Estimation

Project Overview

This web application will function as an online marketplace for home-stays, gram-stays, and farm-stays near wildlife & ecotourism sites in Madhya Pradesh, India.

Key Features & Requirements

User Management

- Phone number & OTP-based login
- Profile management for hosts & travelers
- Bi-lingual support (Hindi, English)

Home-Stay Listings & Verification

- Host onboarding with manual approval & location verification
- Listings with photos, descriptions, pricing, amenities, and eco-certifications

Search & Filters

- Location-based search with map view
- Filters: price, rating, distance, eco-certification
- Sorting by price, ratings, and eco-friendliness

Booking & Payment System

- Instant & request-based booking
- Transparent pricing breakdown
- Payment options: UPI, Cash-on-Arrival

Technology Stack

Platforms: Web-based application

Frontend: React.js

Backend: Node.js with Express.js

Database: PostgreSQL / MongoDB

Hosting: AWS / Firebase

APIs: Google Maps, UPI Payment Gateways, SMS Notifications

Estimated Development Cost

UI/UX Design	INR 2,00,000 - 3,00,000
Frontend & Backend Development	INR 6,00,000 - 8,00,000
Testing & Debugging	INR 2,50,000 - 3,50,000
Launch & Deployment	INR 1,50,000 - 2,00,000

Post-Launch Support (3 months)	INR 2,00,000 - 3,00,000
Total Estimated Cost	INR 14,00,000 - 19,50,000

Timeline Estimate

UI/UX Design	3-4 weeks
Frontend & Backend Development	8-12 weeks
Testing & Debugging	4-5 weeks
Launch & Deployment	1-2 weeks
Post-Launch Support	3 months

Additional Considerations

- Third-party API Costs: Google Maps, Payment Gateways may have additional charges.

- Server & Hosting Costs: AWS or Firebase hosting will have monthly expenses.

- Marketing & User Acquisition: Not included in this estimate.

This estimate is flexible based on final requirements and additional features. Let me know if you need modifications or a detailed breakdown for your client.