

# VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade NBA Accreditation for B.Tech. - CE, EEE, ME, ECE, CSE, EIE, IT, AME Programmes and M.Tech. - STRE, PE, AMS, SWE Programmes

Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF 113rd Rank in Engineering Category Recognized as "College with Potential for Excellence" by UGC

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# **KR0355: Digital Marketplace for Personalized Travel Planning**

A platform connecting travelers with experienced, verified travel agents who design customized itineraries based on individual preferences, interests, and budgets. Travelers collaborate with agents through chat or video to co-create their perfect trip, with all bookings and updates managed in one place.

## **How It Works:**

- Travelers visit the platform and provide basic trip details, such as destination, travel dates, budget range, and preferences (e.g., adventure, relaxation, food, cultural experiences).
- Based on the input, the platform matches the traveller with one or more vetted travel agents who specialize in relevant regions or trip types.
- Travelers can communicate directly with agents via chat or video to cocreate their itinerary.
- The agent proposes a detailed, customized travel plan including accommodation, transportation, activities, and other services.
- All bookings are managed through the platform, with real-time updates, itinerary access, and support.

#### **User Flow:**

- 1. Traveler signs up and completes a trip preference form.
- 2. The system recommends travel agents with experience in similar trips or destinations.
- 3. Traveler chooses an agent and collaborates on the trip details.
- 4. Once the itinerary is finalized, the traveler reviews and confirms the plan.
- 5. Travelers receive all trip-related updates, documents, and support through their account dashboard.

### **Example Use Case:**

A family planning a vacation to Europe wants a blend of sightseeing,
 family-friendly activities, and downtime. They are matched with a travel
 agent who specializes in family travel in Europe. The agent builds a



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custom itinerary with guided tours, local experiences, and pre-arranged transfers.

#### **Key Use Cases:**

- Solo travelers needing local guidance or safety-focused planning.
- Families seeking stress-free, well-organized travel experiences.
- Honeymooners or couples looking for tailor-made romantic getaways.
- Travelers with specific interests like wildlife, wellness, or history-based tours.
- Corporate travelers seeking efficient and curated business trips.

### Features (Non-financial):

- Profile pages for travel agents showcasing expertise, languages spoken, and sample itineraries.
- Integrated chat or call features for live trip planning discussions.
- Centralized itinerary dashboard for travelers to track bookings, documents, and updates.
- Review and rating system for agents and travel experiences.
- Option to save and revisit old itineraries for future reference or edits.

#### **Benefits (Non-financial):**

- Personalized trip planning with real human insight and local knowledge.
- Reduces time and stress for travelers by avoiding DIY research.
- Enables unique travel experiences based on insider tips and curated connections.
- Builds trust through agent vetting, user reviews, and direct communication.
- Makes travel accessible to people with specific preferences, constraints, or goals.