

## **Project Proposal – AI Trip Planner**

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### **Project Title**

Odyssey Hub – A Personalized, Smart Travel Experience for Modern Explorers

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### **Innovative Concept**

#### **What is the idea?**

Odyssey Hub is an AI-powered travel planning app that simplifies, personalizes, and enriches the user's journey. It allows travelers to choose preferences, budgets, and trip durations, then receive curated suggestions for attractions, dining, and cultural spots. The app uses a conversational AI to guide planning, with a visually rich and responsive UI.

#### **What makes it new?**

- Instant trip customization based on budget tier: Backpacker, Mid-range, or Luxury
- AI-curated points of interest categorized by themes (e.g., Malls, Museums, Cafes)
- Interactive, real-time visual suggestions based on user interests and distance
- Smooth onboarding experience with voice/text-based AI interaction

- Clear user session management and multi-device sign-in support
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## **Target Users**

- Backpackers and solo travelers who want quick, budget-friendly plans
  - Couples or groups needing itinerary coordination and shared interests
  - Travelers interested in cultural, modern, or offbeat experiences
  - Tech-savvy users seeking intuitive, AI-assisted planning
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## **Interaction Method**

- Conversational AI: Travel plans crafted via chat-style interaction
  - Smart Onboarding: Step-by-step questions covering destination, duration, budget, and interests
  - Visual Suggestions: Clean card-based design showing nearby attractions with distances
  - User Preferences: Interest tags (e.g., Nightlife, Cafes, Museums) drive tailored recommendations
  - Profile-Linked Experience: Google login and user session management for a seamless journey
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## **Expected Outcome**

By project completion, we aim to deliver:

- A Figma high-fidelity prototype showcasing full user flow and dynamic responses
- A GitHub repository with app logic, AI integration samples, and component documentation
- A final report detailing design iterations, user testing insights, and product roadmap
- A ready-to-develop travel planner MVP that reflects real-world traveler needs and behaviors

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### Team Roles

Name	Role	Responsibilities
Nyi Lynn Htwe	Leader and UI Design	Leads the team while designing a cohesive, user-friendly interface in Figma and ensuring smooth collaboration, consistency, and timely delivery.
Shin Thant Eaindra	Documenter	Documents the project’s progress, features, user flows, and technical details while compiling reports, meeting notes, and final presentation materials.

<b>Daniel Eliezer Gwizo</b>	Researcher 1	Conducts user research and surveys to understand traveler needs, preferences, and pain points for data-driven design decisions.
<b>Immanuel Thapelo Busani Mlilo</b>	Researcher 2	Analyzes competitors and market trends to identify unique value propositions and opportunities for innovation in the travel planning space.

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