

ROAMIFY – ROAMING REDEFINED

Topic 2:
Mashups - Packages, Calendar, Itineraries using Generative
AI

IDEATION

IDEATION

Introducing Roamify: Roaming Redefined

Roamify is a cutting-edge web and mobile application designed to elevate your travel planning experience. With Roamify, users can effortlessly input their chosen destination and preferred dates, enabling the app to craft personalized itineraries for each day of their journey.

IDEATION

Key Features:

- **Personalized Itineraries:** Roamify generates curated daily plans based on user preferences, ensuring a tailor-made travel experience.
- **Accommodation Recommendations:** Beyond activities, Roamify suggests suitable accommodations, adding convenience to your travel arrangements.

POTENTIAL IMPACT

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- **Tailored Journeys:** Roamify delivers personalized itineraries and stay options, ensuring every trip is uniquely crafted to match individual preferences.
- **Time-Saving Solution:** Streamlining the planning process, Roamify saves users time, making travel preparation efficient and hassle-free.
- **Insights for Industry:** Roamify's data analytics offer valuable insights, shaping trends and fostering collaboration within the dynamic travel technology landscape.

POTENTIAL IMPACT

- **User Empowerment:** Empowering users with control over their travel plans, Roamify aligns with the trend of user-centric tech solutions for a confident and personalized experience.
- **Innovation Benchmark:** Roamify sets a new standard by seamlessly integrating itinerary planning and accommodation suggestions, inspiring advancements and competition in the travel tech industry.

IMPLEMENTATION & FEASIBILITY

Tech Stack:

Front End:

HTML

CSS

JavaScript

React

Flutter

Backend:

Node js

Python Django

DataBase:

Firebase

Local Machine

Tools Used:

Github

Postman

Meta LLM

Travelboutique API

Rapid API

Figma

TECHNICAL FEASIBILITY

- **Technical Feasibility:** Roamify's implementation is technically robust, combining a powerful front end with HTML, CSS, JS, React, and Flutter, and a dynamic backend using Node.js and Python.
- Tools like GitHub, Postman, Meta LLM, Rapid API, and Figma ensure efficient development, testing, and design, culminating in a seamless and user-friendly travel planning experience.

INNOVATION

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- Our project provides a seamless experience and active suggestion for users who would like an exhaustive and complete itinerary to make their journey amazing.
- Additionally, Roamify suggests travel destinations based on seasonal months and availability.
- Beyond AI-generated results, the application incorporates expert recommendations for specific locations, enhancing the richness of travel choices for users.

ADOPTION RISK & FEASIBILITY

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Assumed Risk:

- Currently, we have observed the issue of storage and database. We would require an active database to meet our needs as and when the scope of our project expands; we are utilizing Firebase, which is a paid option; we are actively looking for other alternatives as we delve further.
- There is no other specified adoption risk. As we progress in the application development, we anticipate encountering various risks. Rest assured, we are committed to addressing these challenges with effective solutions throughout the production phase. Our approach involves continuous refinement to ensure successful and seamless adoption of the Roamify application.

THANK YOU

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