

TripMaster



Welcome to **TripMaster**, an app developed as part of the Apple Foundation Program at the University of Palermo (Cohort 2). TripMaster is designed to enhance tourism experiences in Palermo by offering personalized travel itineraries based on user preferences.

Features

1. User Preference Matching Algorithm

TripMaster uses a matching algorithm that helps users create travel groups and receive custom itineraries based on the shared preferences of group members. Whether you're interested in exploring cultural sites, enjoying the nightlife, or seeking relaxation, TripMaster has you covered.

2. Itinerary Categories

The app provides a variety of pre-set itineraries, categorized to suit different interests:

- **Culture:** Discover Palermo's rich history and cultural landmarks.
- **By Night:** Enjoy the city's vibrant nightlife with tailored suggestions.
- **Relax:** Find the best spots for a peaceful and restful experience.
- **Adventure:** Embark on thrilling activities and explore the adventurous side of Palermo.
- **Food:** Indulge in Palermo's diverse and delicious culinary scene.

Getting Started

To get started with TripMaster, download the app, create an account, and start exploring the unique itineraries tailored to your interests. Group up with friends or other travelers to receive itineraries that match everyone's preferences!

Technology Stack

- **SwiftUI:** For building a modern and intuitive user interface.
- **Partenokit:** To manage and store user data and travel preferences.
- **Custom Algorithm:** For matching user preferences with personalized travel itineraries.

License

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Developed as part of the Apple Foundation Program at the University of Palermo (2nd Cohort).