TRiPPY EXECUTIVE SUMMARY

TRiPPY is a travel planning app that allows users to plan a trip to any destination of their choice in the most convenient way possible. TRiPPY enables users to plan trips to any destination in the world and add all the points of interest they would like to visit during a given trip, assigning a category and priority level to each point of interest. Users can add, edit, and delete points of interest and visualize their trip on a map.

TRiPPY uses these points of interest to generate accommodation suggestions for maximum convenience - hotel suggestions are given a TRiPPY rating from 1 to 3 thumbs up based on the convenience of the hotel where a 3 thumbs up TRiPPY rating best minimizes the distance users would have to travel to each point of interest. TRiPPY accounts for users' priorities when reporting accommodations, and will work to minimize the distance users have to travel to the destinations they would like to visit most. A user can filter through the hotels based on distance or TRiPPY rating to find the options that work best for them!

Time and money are the two critical factors travelers are looking to maximize on a trip - this is where TRiPPY comes in. TRiPPY enables users to gain a broader perspective of their trip than they ever have before, as they can see exactly where to stay in order to visit all the places they'd like in the most cost and time efficient manner possible. Before TRiPPY, an individual might capitalize on an inexpensive accommodation but not realize that it is located far away from their desired points of interest. As such, despite a lower accommodation cost, travelers may unknowingly and unnecessarily spend money on transportation costs to their points of interest, and end up spending more than if they had chosen a more convenient hotel location. With TRiPPY's optimized hotel suggestions, users can stay locally and reduce travel costs. TRiPPY also allows users to also maximize their time during a trip, spending less time traveling between places of interest and more time enjoying their vacation!

Using Apple's MapKit API to search for destinations and places of interest, a user can aggregate all the details of their upcoming trip in one place with TRiPPY, and make decisions that minimize the total amount of money they will spend over the course of their trip, and the amount of time they will spend transporting to their desired points of interest.