Jose, Julia Flores, Bernard | Angela Ramnarine-Rieks | iSchool

Target Audience/Customers

Families

Millennials

Newly weds

College Graduates

Targeted Customers that we serve

Problem Statement

A prominent issue for travelers is consolidating the many aspects of a trip and referring to multiple websites to research the information that is required for trip planning. These aspects of a trip include lodging, activities, restaurant recommendations and money conversion. Before iTrip Planner travelers had to sift through various resources to acquire and pick the information that would be relevant to their particular trip. This manual customization was time consuming, tedious and discouraging. In attempts to mediate this issue our group created iTrip planner. iTrip planner is intended to provide a digital stream of customized information to guide trip planning.

Data Flow

- Destination input and origin input use the 'Geocode API'
- Hotel, restaurants, transportation and tourist sites all use the' Google Place API'
- Currency exchange feature uses 'Fixer IO API'

Solution

Solution:
The solution to the problem will be to create a all-in-one travel application. This application provides a customized service which outputs the necessary information for trip planning.

Input:
- Destination location
- Yes or no to offered hotel recommendations
- Yes or no to receiving restaurant recommendations
- Yes or no to filtering restaurant recommendations by restaurant type
- Yes or no to receiving transportation recommendations
- Yes or no to receiving tourist attraction recommendations
- Yes or no to calculating currency exchange

Output:
- Hotel recommendations based on location
- restaurant recommendations with the option of filtering results by restaurant type
- transportation recommendations
- tourist attraction (activity) recommendations
- currency exchange

Scope of Activities

In Scope:
- Ability to find lodging at destination
- Ability to find activities at destination
- Ability to calculate currency exchange from home to destination
- Ability to view transportation options at destination
- Ability to view tourist attractions

Out of Scope:
- Find average pricing of airfare
- Determine average pricing of hotels at destination
- Ability to prioritize tourist attractions retrieved by rating

User Flow