



An Agile Way to Select Places to Visit for Vacation

Introduction

What is Vacation?

- Vacation involves spending time away from home. It may involve local or international travel. It could be for a few days or more.
- Regardless of the length of time, vacation should be built to serve its purpose – relax or do nothing, learn something new or experience a new location, or take a holiday job.
- Proper planning helps to make vacation worthwhile, irrespective of the purpose of the vacation. The plan should be drawn prior to commencing the holiday.
- So while it is fun to go somewhere, it is more important to make plans for an enjoyable holiday in order for it to create memorable experiences.



Introduction – Vacation Planning

Planning a Vacation

- Proper planning helps to increase the possibility of having an exciting and worthwhile vacation.
- However, the process of planning a vacation can be exhausting, leading to unfulfilled vacations.
- A common problem with planning a vacation is how to choose the places to visit since the advertised options are as varied as they are many
- This problem cause anxieties because there are many uncertainties for which the answers are not be readily available.
- For a vacation that is meant to be recreational and fun, planning it may be its doom because the vacation may eventually be postponed, cancelled or poorly planned



Introduction – Scenario

Scenario

- Jones, a staff of an organisation was exceptional in the delivery of services during the past 12 months amidst the pandemic.
- The company decided to reward him with a 14-day family vacation from Leeds, UK to Winnipeg, Canada.
- The vacation is scheduled for August 15 to August 29 at Holiday Inn.
- Jones excitedly announced the trip to his family (partner and two children), and everyone was ecstatic about the summer trip to Canada – a country they had hoped to visit as a family.
- The discussion each day was about the recreational activities to engage in and places to visit.



Introduction – Problem

Problem

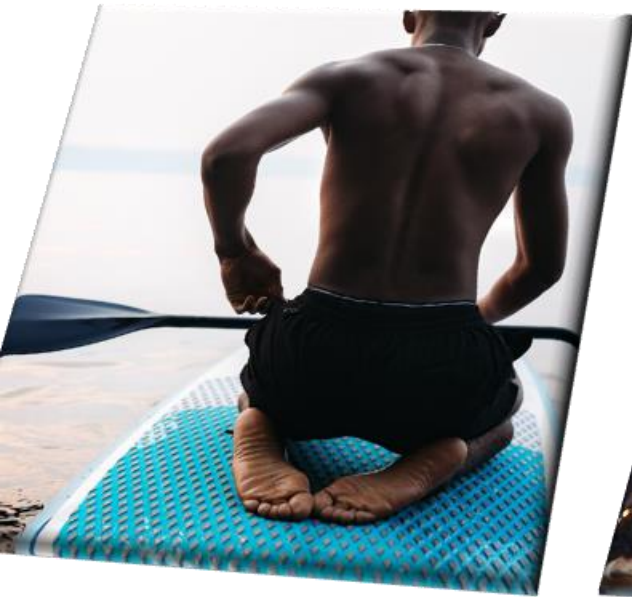
- Jones noticed that divergence in the preferences and needed a way to harmonise all their different choices.
- He approached his friend, Keitha - a data scientist, who offered to help with planning the recreational activities and places to visit.
- Jones supplied Keitha with a combined list of recreational activities and interesting places that each of his family members like.
- Keitha intends to write a programme that would juxtapose all the individual preferences with the venues and activities available around the Holiday Inn.



Objectives

To design a programme that will

- streamline the process of searching available venues at a particular location and produce a list of preferred venues with acceptable attributes
- increase the ease and speed of getting required venue information, thereby reducing turnaround times in creating a plan for visiting many holiday venue's locations
- make it easy to modify the itinerary for a vacation in the event of an unexpected occurrence



Target

The target of this programme are

Target Market

- Trip/Vacation Planners
- Tourism Industry

Target Audience

- Holidaymakers
- Protocol Officers
- Travel Agencies



Application

This programme can be used in two broad ways to provide sensational experiences during vacations and tours.

- **General Application**

- It provides information on locations and venues
- It provides specific information the is used when creating itinerary for a vacation or trip

- **Specialised Application**

- Its deployment gives insight into locations and venues of interest in real time
- Improves marketing value for venues and tour packages
- It increases efficiency and effectiveness when responding to clients' trip-planning requests



General Application

- To get information about a location before visiting the place
- To obtain information required to create a shortlist of venues of special interest
- To get information about the facilities available at a venue
- To get details about venues and locations that would influence activities to engage in
- To compare locations to improve decision-making when choosing a location to visit
- To identify venues on a map in real-time
- To identify popular venues in a location
- To get recommendations about different venues that will aid decision-making about places to visit
- To assess locations to confirm that places that are personally of interest are available
- To get information that will be used to plan recreational activities of interest by determining venues that offer the recreational activities
- To plan itinerary for the vacation by determining the distance between venues, parking availability, etc
- To be able to interact knowledgeably with others using the information garnered about a location prior to visiting the place
- To plan a trip that is flexible and can accommodate unscheduled activities or events



Specialised Application – Real-time Information

Real-time information

- To obtain recent photos of venues
- To get recommendations about venues
- To get venue ratings
- To get the address of venues
- To get real-time information to aid research of venues at a location or multiple locations
- To obtain user-generated content about venues obtained during actual visits by users

Improve Response Time

- To improve the time-to-response each client's requests, thereby creating a positive effect on the rating of the trip planner or travel agency
- To increase the turnaround time for each client's request making it possible to attend to more clients' requests within the same time frame with a positive resultant effect in the revenue generated within the same a specific timeframe
- To get recent data that will give clients vivid insight about venues which improves client's time-to-response to options provided

Compare locations and venues

- To compare interesting places of attraction in different locations to increase venues options and aid decision-making
- To compare venues within the same category to streamline venue options



Specialised Application – Packages and Itinerary

Custom-built tour packages

- To create special vacation packages that will incorporate places of interest for a tour group or vacationers
- To create custom-built vacation to meet unique needs of clients by specifying client's preferences and requirements
- To discover interesting venues that are near a particular reference point
- To identify attributes of venues that will be used to select venue when planning trips and tours

Itinerary creation

- To aid creating best-fit itinerary for each client
- To create itinerary for group tours such as students' excursion, cultural heritage tours, etc
- To identify and showcase different itinerary possibilities to clients with reference to a location

Itinerary modification

- To increase flexibility in the itinerary service provided to clients to accommodate changes in the client's circumstance by using real-time information and recommendations about venues

Marketing tour services

- To create seasonal and customized tour packages for clients



Application – Examples

This programme can be used to

- plan family outings
- arrange reunion getaway activities for friends and alumni
- Identify venues for corporate team building activities
- create itineraries for excursions
- design general and specialised tour packages

To achieve this, the programme will be used to

- obtain data about venues in a locality
- search for places of interest (POI) around a location
- get venue ratings and recommendations
- get the distance between venues
- identify venues of personal interest that are within a vicinity
- identify venues on a map in real-time

