Virtual Property Renting System
(Prvaas – The Journey)

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ABSTRACT

Prvaas OTA application. The main purpose of this application "PRVAAS – The Journey" is to provide a convenient way for a customer to book holiday, week-end gateway, flight, train and bus for tour purposes. The objective of this project is to develop a system that automates the processes and activities of a travel agency. In this project, we will make an easier task of searching places and for booking week-end gateway, holiday, train, flight or bus. In the present system a customer has to approach various agencies to find details of places and to book tickets. This often requires a lot of time and effort. We provide approach skills to critically examine how a tourist visits and its ability to operate in an appropriate way when dealing with the consequences of tourism, locally, regionally, and nationally including visitor security and ecological influences. It is tedious for a customer to plan a particular journey and have it executed properly. The project 'PRVAAS – The Journey' is developed to replace the currently existing system, which helps in keeping records of the customer details of destination as well as payment received.

Today consumers are on-the-go and the advantage of a booking engine and the reservation solutions provided by the OTAs is that it offers instant payment and booking confirmation.

General Terms

In house Web Application.

Keywords

Bookings, API, OTA, Gateway, etc.

1. INTRODUCTION

Prvaas OTA application. The main purpose of this application "Holiday Booking" is to provide a convenient way for a customer to book holiday, week-end gateway for tour purposes. The objective of this project is to develop a system that automates the processes and activities of a travel agency. In this project, we will make an easier task of searching places and for booking week-end gateway or holiday. In the present system a customer must approach various agencies to find details of places and to book tickets. This often requires a lot of time and effort. We provide approach skills to critically examine how a tourist visits and its ability to operate in an appropriate way when dealing with the consequences of tourism, locally, regionally, and nationally including visitor security and ecological influences. It is tedious for a customer to plan a particular journey and have it executed properly. The project 'Holiday Booking and Travels Management Agency' is developed to replace the currently existing system, which helps in keeping records of the customer details of destination as well as payment received.

2. MOTIVATION

As a platform that helps travellers find the fastest and best routes across India, Prvaas understands that a journey doesn't end at a destination. Navigating around a city, even if it's your first time there, should be simple, time-saving and cost-effective so that you can enjoy a fully immersive experience. The objective of this project is to develop a system that automates the processes and activities of a travel agency. In this project, we will make it an easier task of searching places and for booking week-end getaways, holidays, train, flight or bus. In the present system a customer must approach various agencies to find details of places and to book tickets. This often requires a lot of time and effort. We provide approach skills to critically examine how a tourist visits and its ability to operate in an appropriate way when dealing

with the consequences of tourism, locally, regionally, and nationally including visitor security and ecological influences. It is tedious for a customer to plan a particular journey and have it executed properly.

3. SURVEY
EXISTING SYSTEM
Airbnb website involves maintaining various operations of the hotel like Booking or reservations of the rooms, Cancellation of the rooms, Cash billing, Room service, Restaurant service, Restaurant billing, Total billing, Travels arrangement etc. The existing system is a manual one and there is lot of issues like erroneous data, slow process, lack of security etc. Finding out the final payment amount completely relies on the hotel manager and if he is absent, it takes a long time to find out the details during check out and is prone to errors.

4. METHODOLOGY

4.1. Methodology (Architecture) website involves maintaining various operations of the hotel like Booking or reservations of the rooms, Cancellation of the rooms, Cash billing, Room service, Restaurant service, Restaurant billing, Total billing, Travels arrangement etc. The existing system is a manual one and there is lot of issues like erroneous data, slow process, lack of security etc. Finding out the final payment amount completely relies on the hotel manager and if he is absent, it takes a long time to find out the details during check out and is prone to errors.

4.2. Methodology (Architecture) we propose a portal that   offer users the possibility to book their holidays online. Hotels and tourism-related businesses can register to reach potential guests. To do so, information such as holiday properties availability and prices must be provided. If a stay is booked through the online travel agency, usually the homestay or tourism-related business must pay a commission fee. Nowadays most of the reservations are made via online travel agencies, transforming them into an important distribution channel for tourism businesses. Especially in the last-minute segment and because of the frequent usage of the smart phones.
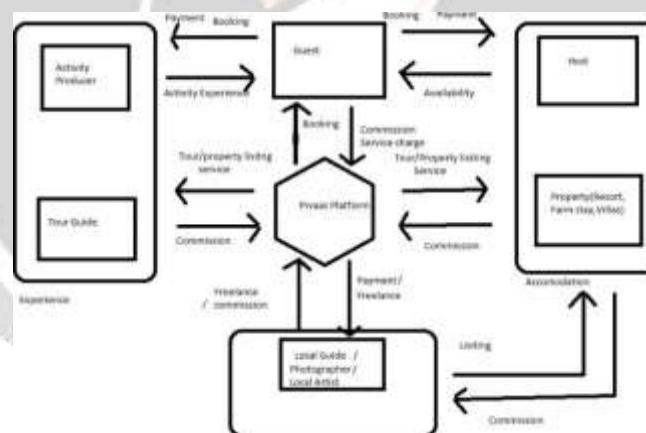
5. SYSTEM ARCHITECTURE

Fig.5.1

5.1 Project Modules
- User Module
- Administration module
- Vendor Module
- Tourism Place Module
- Chatbot Module
- Payment gateway module
- Real Time booking module

7. ADVANTAGES AND DISADVANTAGES

7.1 Advantages

7.1.1 Prvaas improves efficiency for hotels, primarily because availability is updated immediately across all channels, including your own system.

7.1.2 The vast majority of people are now booking online, having the ability to book online gives you an edge over those businesses that have not yet invested in the software to make this possible. When guests book directly through the hotel's own reservation system, hotels don't have to share the profit, so they can also offer better prices to guests.

7.1.3 When you have your own system, guests are in charge of making their own reservations, so presumably, there will be no errors in guest details and contact information. However, should an error occur, the hotel will not be held accountable, hence keeping your reputation intact.

7.1.4 Collecting customer data is key for marketing purposes, and an online booking system is a way to ensure that data collection is easy and that all guest data is in one place.

7.1.5 You can easily understand guest demographics, preferences, what amenities they prefer, where they are coming from, and how many guests are traveling. You can use this information to tailor your marketing strategies and improve the overall guest experience, thus boosting retention rates.

7.2 Disadvantages

7.2.1 You'll need constant access to the Internet, which could be a problem if you run tours and activities in remote areas. If you're not a fan of technology or you don't have internet access, it might not be for you.

7.2.2 All software is subject to technical problems. That's why there are whole teams of developers testing and fixing bugs before the final user can ever notice those issues.

8. APPLICATIONS

Prvaas Portal offer users the possibility to book their holidays online. Well-known platforms such as Booking, HRS, or Expedia provide additional information like hotel reviews, travel tips, or package holidays. Hotels and tourism-related businesses can register to reach potential guests. In order to do so, information such as holiday properties availability and prices must be provided. If a stay is booked through the online travel agency, usually the homestay or tourism-related business must pay a commission fee. Nowadays most reservations are made via online travel agencies, transforming them into an important distribution channel for tourism businesses. Especially in the last-minute segment and because of the frequent usage of the smart phones. Today consumers are on-the-go and the advantage of a booking engine and the reservation solutions provided by the OTAs is that it offers instant payment and booking confirmation.

9. CONCLUSION AND FUTURE SCOPE

9.1 Now we know what Prvaas is, how it works, and the benefits to the hospitality industry. The benefits of an online booking system range from reducing human error to improved efficiency, from making data collection and rewards management easier to giving you a competitive edge.

9.2 Prvaas is aware of that there are many applications like this but Prvaas will make a mark and here are some points which will be considered as Future scope:

1. Voice Search and Voice control.
2. AI/IOT mobile key open room/parking.
3. Voice Chat

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