



A Survey paper on TRAVELUX : The Luxurious Wanderlust

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Abstract - The objective of the project is to develop a system that automates the processes and activities of a travel. The purpose of the web application is to design a system using which one can perform all operations related to travelling. This app is developed to be user-friendly and to support screen sizes of various device such as mobile, laptops, etc.

A chatbot is also added by using AI and also the recommendations system are included using machine learning

Index Terms – AI chatbot , Netflix Recommendation system, Collaborative Filtering Algorithm, Firebase database

I. INTRODUCTION

Tours and travels cannot be resisted as everyone wants a peaceful trip to travel to make their mind fresh and explore the new places. We offer tour and travel services including ticket bookings , hotel , holiday tour packages , and domestic tour packages . We provide the suitable packages as well as the customized travel packages according to the customers . We provide everything related to travelling services under one roof . Today's extremely tiring and exhausting work environment states that individuals requires some joyful and peaceful holiday . We provide stress – free joyful refreshing holidays with cost competitive and customized packages according to their requirements .

We provide the service to the customers they want. We also can customize our tours as per our customer's requirement without reducing joy or quality of tour . People of all ages and backgrounds can have the experience of this amazing , unique , upscale , joyful , and refreshing environment . According to our packages we provide the facilities to customers such as hotel, guest houses , and rental cars . It may vary from customer to customer and packages accordingly. We every time offer new concepts from customer to customer. Keeping the effect of change of seasons we change our packages and purchases different accordingly.

LITERATURE SURVEY

--User oriented inputs are converted to computer based formats

--Errors are caused by inaccurate input data, this is the common cause of errors in data processing

-- Must have features in the travel management systems are travel request, approval hierarchies, compliance with travel policies, easy travel booking, advanced reporting.[1]

-- Paper focuses on the recommendation system working in the real world and IT sectors.

--Two main approaches of recommendation system are collaborative filtering and content based filtering.[2]

-- In this paper the system invokes all base tasks that are now carried out manually.

-- The transactions and reports which are performed manually are computerized.[3]

--No need to wait in long queue for purchase of any tour or package or booking hotels.

--In this paper the , online tours and travels is a fully functional blog management tool running at full scale and maximum database support.[4]

--Travel safety is a critical issue to most tourists, while the peacefulness level of travellers' country of origin is an important key factor for understanding different travel behaviours and safety perceptions held when going on an international trip, namely, regarding involvement, risk and safety/insecurity perceptions.[5]

2. THE EXISTING SYSTEM

A large number of survey papers were referred on tourism brand promotion, destination branding and tourism marketing were referred to frame the conceptual background on the subject.

2.1 SURVEY PROCESS

Literature survey was carried out during the surveying process in order to achieve more clarity towards concept and to formulate the problem definition.



Drawbacks or limitations of the existing system:

-- The existing system does not have the service within the local areas such as UBER and OLA services for the transportation within the cities.

--The proposed system also has the facilities like Tour Guide so that if the desired person does not have any prior information about the tourist place he is going to visit then he can totally rely on the tour guide for the information. Which the existing system does not provide.

-- Issues of bringing people together into communities of interest. Major concern here is respecting people’s privacy.

--Problem faced by the recommendation system is that the cold start which novel users or new items.

3.PROPOSED SYSTEM

The Tour and Travels is the part of the sample application that provides customers with online Tour and Travels. Through a Web browser, a customer can quick register on tour and travels websites and then Employee fill up the quick registration form completely or the send login detail user name or password by email from customer. And customer sign up (login) to a user account, and select the packages, Hotel cart contents by booking an order. After placing an order for selected items a user can make payment with through a credit card or through UPI. There is no need to wait in long queue for purchase. Customer can select tours and package or book Hotel and can also hire a guide for knowing the place in detail.

3.1 MOTIVATION

- Now a days the craze of tourism is increasing day by day in the whole world.And Indian holy places are also involved in this trend.
- Due to such increments of the tourism are now a days made with a very large amount of tourists visiting here.
- In tourism, there is problem that arises how connect with the users to take their opinion and feedbacks.

3.2 SYSTEM ARCHITECTURE

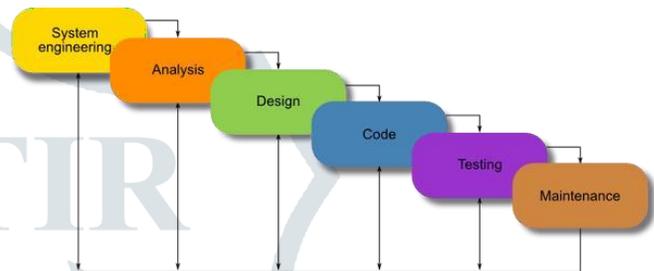


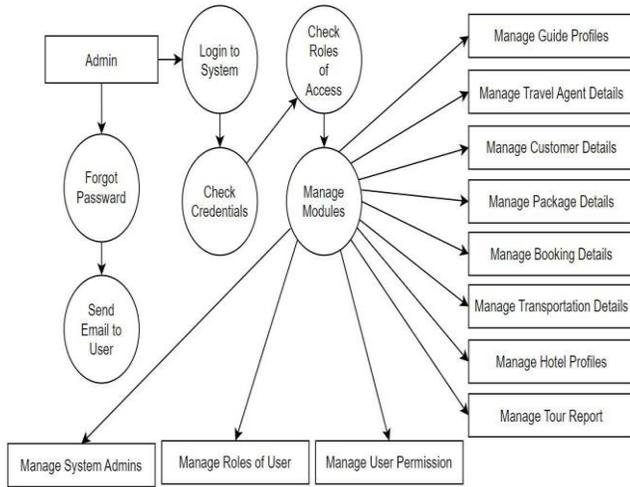
Fig. 1 System Architecture

In a waterfall model, each phase must be completed before the next phase can begin and there is no overlapping in the phases. The sequential phases in the Waterfall model are

- Requirement Gathering and analysis: All possible requirements of the system to be developed are captured in this phase and documented in a requirement specification document.
- System Design: The requirement specifications from the first phase are studied in this phase and the system design is prepared. This system design helps in specifying hardware and system requirements and helps in defining the overall system architecture.
- Implementation: With inputs from the system design, the system is first developed in small programs called units, which are integrated into the next phase. Each unit is developed and tested for its functionality, which is referred to as Unit Testing.
- Integration and Testing: All the units developed in the implementation phase are integrated into a system after testing each unit. Post integration the entire system is tested for any faults and failures.
- Deployment of the system: Once the functional and non-functional testing is done; the product is deployed in the customer environment or released into the market.

● Maintenance: Some issues come up in the client environment. To fix those issues, patches are released. Also to enhance the product some better versions are released. Maintenance is done to deliver these changes in the customer environment.

4. DATA FLOW DIAGRAM



..CONCLUSION

This project will be proved good for us as it provides practical knowledge of not only programming in Python and AI ,ML react based application but also in a business model .It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future . This will provide better opportunities and guidance in future in developing projects independently

7. REFERENCES

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