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Tourist Suggestion Pocket by Tangle Process

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ABSTRACT

In this paper we provides a exploiting travel information for personalized travel package recommendation, using pyramid algorithm. we analyze the characteristics of the existing travel packages and develop a tourist-area-season topic (TAST) model.Then we propose a cocktail approach to generate the lists for personalized travel package recommendation.fi-nally we recommend the personalized travel package to the user.

Keywords: Travel package, recommender systems, tangle

I. INTRODUCTION

E-commerce has become one of the vital parts of the modern life. Online payment is the supportive application for the payment of money for the products we buy. For the past years online security breach created a major problem and lots of money had been stolen. The proposed document deals by securing the payment through iris recognition [1]. This method also adds the method of using visual cryptography for securing the user credentials. This visual cryptography method was formerly invented by Moni Naor and Adi Shamir in 1994[6].

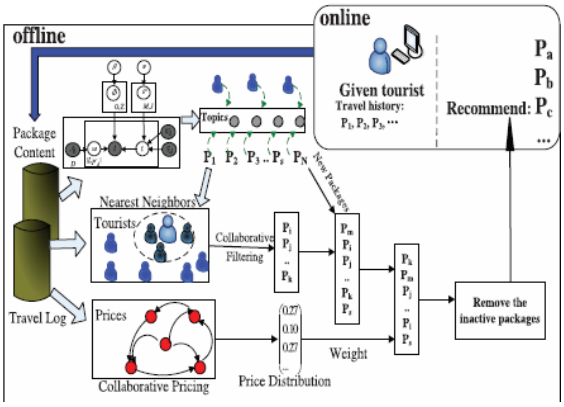

Figure 1: Proposed System

II. METHODS AND MATERIAL

A. Proposed System

We aim to make individualise travel package for the tourists which works well for predicting the tourist's travel preferences. Then we apply tangle process to generate the lists for personalizedtr travel package system using pyramid algorithm. Considering factors like the seasonal behaviours of tourists, the prices of travel packages and the cold start problem of new packages.Package provided by a travel company for the individual or a group of tourists based on their travel preferences.Each package has a travel schedule and most of the packages will be traveled only in a given time (season) of the year.

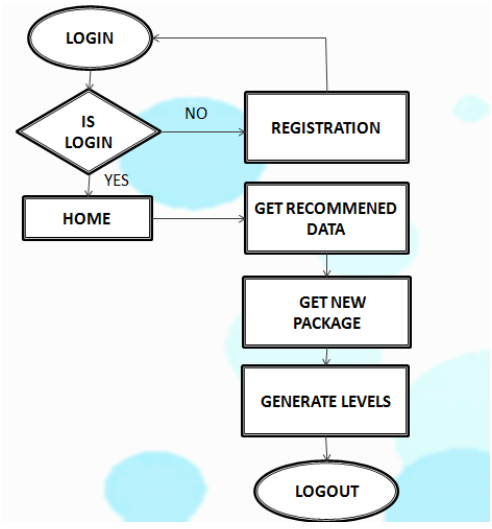

Figure 2: Flow Chart

B. Modules

a) Authentication

Authentication is the one which helps the user to enter into the system for login registration. login screen is developed , in which user can input his/her user name and password .Password will be verified in database, if a valid username and password given then he/she can access the system. We have two authentications, user and travel agent.Authentication often involves verifying the validity of at least one form of identification.

b) Data Set

Data set is required to do the training set. Here we have asked user to manually enter his/her old travelling details. All these data are separately stored in the structure so that data of two users do not conflict with each other.

c) Add Pacakge

Travelling agent of various companies will login the system with their registered username and password and they will get a home page where they can add their new package for the customers. This will contain Destination, Amount per head, Number of Days, Mode of transportation. For Adding package Code and other programs has been done in Java

III. RESULTS AND DISCUSSION

A. Suggestion

User after logging into the system will have to enter his/her data and can get the recommendation from the system by the existing details, the packages entered by the travelling agent. This recommendation is automated and this is done from the training set. Related programming code has been done in Java

B. Re-Suggestion

The recommendation from the system is rearranged by the pyramid algorithm, this algorithm takes the results as the input and first calculate the status level of the user and next it calculate the level of the packages. The cocktail of this approach will produce the results

IV. CONCLUSION

We perform a analysis based on the proposed model, and obtain the online travel package using tangle process and the results confirm our practical claim.

V. REFERENCES

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