

**Personalized Portable Travelogue Guide on Multi-Source****Big Social Media**Ancy J¹, Haritha M², HemavathyJ³, C.Balakrishnan⁴¹S.A.Engineering College, Department of Computer Science and Engineering²S.A.Engineering College, Department of Computer Science and Engineering³S.A.Engineering College, Department of Computer Science and Engineering⁴Associate Professor, S.A.Engineering College, Department of Computer Science and Engineering

Abstract: Big data progressively benefits both research and industrial area such as financial services, education, health care and commercial recommendations. This paper presents a personalized travelogue sequence recommendation for information statistics such as travelling and contributed photos in various social medias. Eg., geo-location, check-in and tags associated with these photos. This project gets review from many visitors rather than single person point of interest (POIs).

Keywords: Social media, Multi-media, Topical package, Travelogue, POI

I. INTRODUCTION

Travelling route recommendation is a major problem in both research and industrial areas. To overcome this problem, big data introduces a topical package. Where topical package is the database which contains the information about time, visiting seasons, and cost, it fetches the information from the statistics between the user routes and travel routes. It uses a topical package which contains a information about famous places, user review, travel recommendation, shortest path using Greedy and Kruskal's techniques.

This technique uses a travelogue which contains travelling information data about a particular place. It can also give information's about a place which is not registered. Travelogue websites (e.g., www.cleartrip.com, www.goibibo.com, www.makemytrip.com) gives detailed description about landmarks and reviews given by the user.

A.Point Of Interest

POI- Point of Interest is a certain specific spot of location in which one is interested in visiting and finds it useful. The POI is mainly featured on the map where it specifies the particular point of the place in a certain area. The term POI is vague, but it is recognised and presented by the satellite navigation system (SATNAVs). Different nodes or tags are used to represent the POI on the Open Street Map.

B. Social Media

Social Media is the online application and website that allows the user to interact with one another and share the information or ideas via network. The social media are the source of communication where a large group of people used to transfer and share the data among them. These are very useful in developing the contact personally as well as professionally. These are used by people at home and also by the professionals. The professional people used to communicate with their clients and customer with the help of social media. The websites like Facebook, Twitter, Instagram, Pinterest etc.

C. Travelogue

Travelogue is a factual report about a particular destination which describes the records which is made by traveller. Not only a records, it also contains a video representation where it entirely describes travel in general. The travel experience of a person can also be given in the form of a slide show, motionpicture.

D. Multi-media

Multimedia is the combination of different content forms such as text, audio-video, images, animations, and communicative content. It is the combination of using more than one form of medium of communication. Multimedia is the area concerned with the computer-controlled integration of text, graphics, Video, animation, audio, and other media where every kind of material can be characterized, warehoused, communicated and treated digitally.

II. ARCHITECTURE DIAGRAM

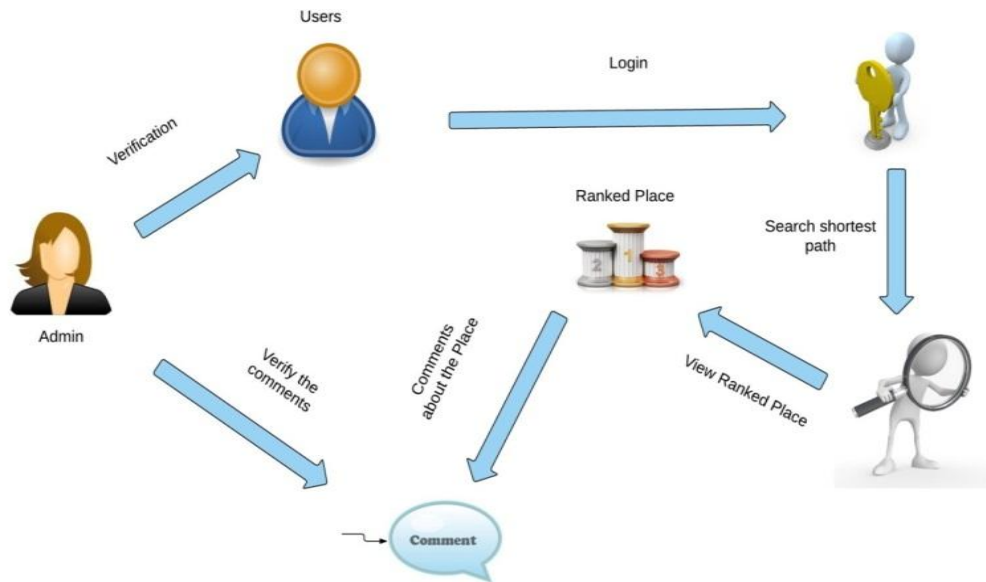


Fig1: System models

III. MODULES

A. Authentication and Authorization

In this module the first step is registration. The access to the database will be provided only after that. By registering, the user can login to the site. This method of validation like authentication and authorization are used to protect the entire process of maintaining confidentiality and unauthorized access. This registration gives us the access to know the reviews of the user who wants to use this application.

B. Tour Place from Expert

Expert gives Information for each and every minute tourist places to user. Here the user will visit the each and every tourist place which based on the expert information. The information's are recommended to users by the experts.

C. Search and book Tour Place

We search the tour place in web site. It will show each and every tourist place information and also shows booking facility in their website so it is useful for user. In this website having two facilities one is searching about the place and another is booking the place.

D. Review from customer

If any Person (user) has visited the tourist place already, they will give the reviews in this website. So it is useful for person whoever searches about the tourist place.

IV. LITERATURE SURVEY

H. Liu [1] explained in helping the user to find unique views, which will increase the accuracy of visual – based retrieval to make our system more strong and reliable.

L. Yang [2] presents a relevant feature mining based approach to improve the performance of GPS location and estimation.

S. Jiang [3] describes User's topic preference can be mined from the textual reports attached with his/her photos via ATM (Author Topic Model). It can fetch POIs information which has been visited by the users using locations and tags.

J. Sang [4] defines check-in record is effective in user modelling and activity recommendation.

Y. Zheng [5] expresses an individual's visit to a geo-spatial location as his/her implicit ratings on the location and also tries to predict their interest in some unvisited location in terms of their location history and those of other user's.

H.Gao [6] terms POIs recommendation task that facilitates user's urban consideration and helps them in filtering uninterested POIs for decision making.

Q.Yuan [7] proposes location aware POIs recommendation system by transporting associated textual and context information.

Yisi Zhao [8] explains about estimating the locations of images which has been received over a attention. In this paper, visual word group base approach is used. It fetches the users information and travel routes. Content based image retrieval is utilized in multi-media resources.

Jian-Tao Sun [9] defined world-wide mobile devices have transformed the way how people share information and make decisions. The POIs are not only applicable to user context (e.g., recent location, time interval and check-in) but personalised to check-in olden times.

Xiyu Yang [10] Landmark summarization is actual significant in breakthrough retrieval has it creates a description for users. It characterises the view point for the image and select the demonstrative images with viewpoints.

V. PROPOSED SYSTEM

Proposed system includes Topical Package Model method to learn user's and route travel attributes.

It gives information from the statistics mined between the user interest and the route attributes.

This also takes advantage over the big social media to construct topical package space.

VI. ADVANTAGES

1. This system automatically mine's user's and routes travel topical preferences like the topical interest, cost, time and season.
2. It recommended not only POIs but also travel route sequence, considering both the popularity and user's travel preferences at the same time.

VII. REFERENCES

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