

Survey Paper on Automated Tour Planner

Sahil Ambade¹, Ajinkya Gaikwad², Sachin Bodare³, Pankaj Jadhav⁴, Nilima Deore⁵

Students, Department of Computer Engineering^{1,2,3,4}

Assistant Professor, Department of Computer Engineering⁵

Sinhgad Institute of Technology and Science, Pune, Maharashtra, India

Abstract: We propose an algorithm called the Balanced Orienteering Problem, to design trips for tourists. This algorithm, combined with a recommender system for Travel and tourism management system is used to book a tour from anywhere in the world by a single dynamic website which will help the user to know all about the places and tour details in a single website. The admin can add packages to the website from a certain travel agents and hotels by create a tour page. Then the users can sign in and book each project, they can be confirmed by the admin in them manage booking page. The user can see the confirmation in my booking page. It is an easiest platform for all travellers which can be easily booked and know the all details. Tour Management system is a dynamic website for tourism business. It is dynamic and responsive web design. It is also called travel technology solution for agencies tour operation. Nearly Everyone goes on a vacation for this 'a Tourism management system' would play a vital role in planning the perfect trip.

Keywords: Automated Tour Planning,, soft and hard constrains

REFERENCES

- [1]. Huang, C. D., Goo, J., Nam, K., Yoo, C. W. (2017). Smart tourism technologies in travel planning: The role of exploration and exploitation. Information Management
- [2]. Harrison, C., Eckman, B., Hamilton, R., Hartswick, P., Kalagnanam, J., Paraszczak, J., Williams, P. (2010). Foundations for smarter cities. IBM Journal of Research and Development
- [3]. Hwang, J., Park, H. Y., Hunter, W. C. (2015). Constructivism in smart tourism research: Seoul destination image. Asia Pacific Journal of Information Systems
- [4]. Lamsfus, C., Mart´in, D., Alzua-Sorzabal, A., Torres-Manzanera, E. (2015). Smart tourism destinations: An extended conception of smart cities focusing on human mobility. In I. Tussyadiah A. Inversini (Eds.), Information and Communication Technologies in Tourism 2015
- [5]. Boes, K., Buhalis, D., Inversini, A. (2015). Conceptualising Smart Tourism Destination Dimensions. In I. Tussyadiah A. Inversini (Eds.), Information and Communication Technologies in Tourism 2015