Sample title

Liam Attard [0299300L]
Department of Artificial Intelligence
University of Malta
liam.attard.18@um.edu.mt

I. Introduction

A. Problem Definition

Producing an itinerary before a trip can be a demanding task which requires massive amounts of research. Many times people rely on books, individual travel blogs and online websites to form such a schedule but these end up portraying other traveller's preferences and opinions [1].

An adequate trip planner application would consist of two parts, data retrieval based on the end-user and a generated itinerary. Automatic itinerary generators such as [1]–[5]

II. Literature Review

References

[1] M. De Choudhury, M. Feldman, S. Amer-Yahia, N. Golbandi, R. Lempel, and C. Yu, "Automatic construction of travel itineraries using social breadcrumbs," in *HT'10 - Proceedings of the 21st ACM Conference on Hypertext and Hypermedia*, 2010, pp. 35–44. [Online]. Available: http://www.munmund.net/pubs/ht_10_long.pdf

[2] S. DUNSTALL, M. E. T. HORN, P. KILBY, M. KRISHNAMOORTHY, B. OWENS, D. SIER, and S. THIEBAUX, "an Automated Itinerary Planning System for Holiday Travel," *Information Technology & Tourism*, vol. 6, no. 3, pp. 195–210, may 2008.

[3] P. Di Bitonto, F. Di Tria, M. Laterza, T. Roselli, V. Rossano, and F. Tangorra, "Automated generation of itineraries in recommender systems for tourism," in *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, vol. 6385 LNCS. Springer, Berlin, Heidelberg, 2010, pp. 498–508. [Online]. Available: www.expedia.com

[4] D. Gavalas, V. Kasapakis, C. Konstantopoulos, G. Pantziou, and N. Vathis, "Scenic route planning for tourists."

[5] G. Tumas and F. Ricci, "Personalized Mobile City Transport Advisory System," in *Information and Communication Technologies in Tourism 2009*. Springer Vienna, 2009, pp. 173–183.