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Ceylon Guide – Place Recommendation System

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Abstract

Travelling is a most essential need for all the humans in this world, traveler's travels for various purpose in their day today life. Always travelers search for best places from options weather the place is worth or not. There are several Travel Guide systems providing user reviews given by other travelers about the place. But searching for useful reviews and reading them one by one waste time and increases the stress level of travelers. It will get long time to get a decision about place.

As a solution for this problem place rating and recommendation system by considering the user reviews of the places, which retrieves user reviews from online review providers and identify overall user opinion about the places by performing sentiment analysis. Based on analysis result recommendation value was calculated using fuzzy logic to recommend the places. As an end product Ceylon Guide places recommendation mobile application was developed.

System was tested based on testing criteria and accuracy was also tested based on analysis outputs by Ceylon Guide. Expert's states the solution perform well and produces acceptable results of analysis. End users of the solution rated the product as a useful and must needed to solve the current problem domain.

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