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Cloud-Based Distributed Solution for Optimizing the Search for Tourist Destinations

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The proposed system offers users the ability to efficiently search for information about various tourist destinations, accommodation options, and other relevant details. Users can explore a wide range of destinations, filter results according to their preferences, and access information about tourist attractions or destinations. Through the crawling process, the solution ensures broader search coverage and increased efficiency in data collection. The analysis and processing of this information enable the provisioning of accurate and up-to-date results for users. Additionally, it integrates an image search option that uses object recognition technologies and convolutional neural networks, allowing users to identify and obtain information about tourist attractions using photos. The novelty of the solution consists of the combination of different techniques, all while employing cloud services, in order to allow for an efficient management of tourism information facilitating the search process and enhancing the user experience in the tourism field.

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