

WhereNext - An Autonomous Interactive Tourist Attraction Recommender Platform

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The Irish tourism industry is an important part of Ireland's economy and identity. Figures within the industry are constantly looking for new technologies and innovative solutions to the industry's biggest challenges. The goal of this project was to design, develop and test a solution for improving a key facet of the tourist experience in Ireland. This goal was achieved through the development of an attraction display device for collecting information from tourists and providing them with recommendations based on their travel history, and a server for coordinating these devices and providing them with additional resources. The WhereNext platform is capable of generating accurate recommendations for tourists while keeping their identity private, and without the need for tourists to register to the platform via an app or website. The proposed platform will allow its operators to more successfully manage tourist attractions in a region, as well as create more informed plans for future developments in the area. This project features a lot of potential for future development, including application to industries outside of tourism.