ECE498A Project Abstract

Group Members

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NeAR Me

Searching for information about the surroundings can be time-consuming and challenging while on the move. NeAR Me is a mobile application which aims to eliminate the need to manually look up location-based information for users while they are walking, riding or driving. With NeAR Me, people can travel around without having to research beforehand and still enjoy their trips to the full extent. Users can subscribe to topics of interest (e.g., restaurants, concerts, historic sites, must-visit places) to receive information about their surroundings, and can also publish what's happening near them to the relevant topics. NeAR Me uses users' geographical location to query for information from topics of interest in that location, and displays that information to users' smartphone screen in augmented reality (AR). The AR contents rely on both the phone's GPS location and AI streetview recognition for display adjustment. NeAR Me allows users to consume location-specific information in a more intuitive and automatic way compared to the traditional combination of map and search.