

Building a mobile location search tool using Augmented Reality technology

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Abstract: In the context of the strong development of mobile technology and Augmented Reality (AR), this topic focuses on building an effective place search tool on mobile devices. The goal is to solve the problem of inaccurate place searching by using AR technology to provide additional information about places around the user. This research combines theoretical and experimental research to develop an AR-based place search system with high accuracy and a positive user experience. The expected result is that this search tool will contribute to improving positioning capabilities and providing useful information for mobile users, thereby creating an application with practical applicability and making a significant contribution to the field of AR research.

Keywords: Augmented Reality, Location search tool, Mobile, Experiment, Theoretical research