

Building a location finder application using Google Map API on Android

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Abstract: In the current digital age, the necessity of mobile location search applications is increasingly growing to serve users' needs for entertainment, positioning, and navigation. This project focuses on building an Android application system using the Google Map API to provide fast and accurate search capabilities for places around the user. The research methodology includes requirement analysis, user interface design, and source code implementation based on the Google Map API. The project is expected to contribute to the diversity of mobile applications, improve user experience when using location services, and provide developers with a reference solution for integrating the Google Map API into Android applications.

Keywords: Android application, Google Maps API, Technology integration, Mobile positioning, System development