

Building a digital map application for Windows Phone 8 mobile operating system

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Abstract: In the context of rapidly developing information technology and the increasing demand for map services on mobile devices, this topic focuses on building a digital map application for mobile phones running the Windows Phone 8 operating system. The objective of the research is to address the problem of providing effective positioning and navigation solutions on mobile platforms. The method combines theoretical knowledge of geographic information with practical application deployment. It is expected that the completion of this topic will make a significant contribution to the field of mobile map technology and open up many opportunities for the development of similar solutions in the future.

Keywords: Map application, Windows Phone 8 operating system, Mobile positioning