

Building a photo editing application on the Windows Phone operating system

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Abstract: This topic focuses on building a visual and efficient photo editing application for the Windows Phone platform. Through market research, we have observed a growing demand for mobile photo editing solutions in practice. The objective of this topic is to develop a system that provides basic editing functions, from resizing images to applying color filter effects, in order to meet user expectations for flexibility and convenience when processing images on mobile devices. The research methodology includes both market technical analysis and application implementation following a short-loop software development model. The expected results will significantly contribute to the diversity of mobile photo editing solutions, while also providing a foundation for improving the user experience on Windows Phone.

Keywords: Photo editing application, Windows Phone, Mobile application development, Editing features, Marketing techniques