

PAVEL Alexandru, *Developing Mobile Applications for Modern Smartphones*

Abstract

Smartphones have become one of the best selling devices on the IT market in the last years, with more units than the PC. The current smartphone landscape is made out of multiple operating systems. Developers want to make their apps available to the widest available market, but that implies handling multiple platforms. Depending on the nature of the app, this can represent a big challenge. The app used here to demonstrate this, although simple, is a good fit to exemplify the problems that might occur during development.

Keywords: *mobile device, mobile operating system, Android, iOS, Windows Phone.*

ACM Classification: J.7, K.4.4.