

Using Wireless Technologies to Develop Web-based Applications

Kevin Floyd
Assistant Professor
Stacy Kluge
Instructor of Information Technology
Macon State College
100 College Station Drive
Macon, GA 31206
478-471-2810
kfloyd@mail.maconstate.edu

Abstract

In recent years, wireless technology has grown rapidly, providing users with capabilities to access data using mobile devices including PDAs, PDA phones, and cellular phones. The focus of this session is on the planning, development, and implementation of web-based applications using the latest technologies so that users can access web resources with mobile devices. Using technologies such as ASP.NET, XML, WML, and various scripting languages, these applications are dynamic and user-friendly. The purpose of this session is to demonstrate these technologies, showing the relative ease and viability of producing Web-deliverable applications using common mobile controls and server capabilities. Special emphasis will be placed on applications that support academic functions.

Note: This paper was not available when the proceedings went to print. The author will provide handouts at the conference or via the web or email.