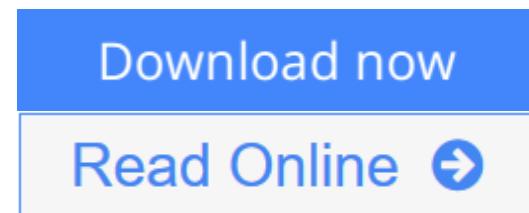# PhoneGap 2.x Mobile Application Development Hotshot

By Kerri Shotts

PhoneGap 2.x Mobile Application Development Hotshot By Kerri Shotts

Create exciting apps for mobile devices using PhoneGap

Overview

- Ten apps included to help you get started on your very own exciting mobile app.
- These apps include working with localization, social networks, geolocation, as well as the camera, audio, video, plugins, and more.
- Apps cover the spectrum from productivity apps, educational apps, all the way to entertainment and games.
- Explore design patterns common in apps designed for mobile devices
- Many exciting and engaging suggestions that you can use to improve your apps
- A practical guide for those with some HTML, JavaScript, and CSS experience who want to take their ideas to the next frontier: mobile apps

In Detail

Do you want to create mobile apps that run on multiple mobile platforms? With PhoneGap (Apache Cordova), you can put your existing development skills and HTML, CSS, and JavaScript knowledge to great use by creating mobile apps for cross-platform devices.

"PhoneGap 2.x Mobile Application Development Hotshot" covers the concepts necessary to let you create great apps for mobile devices. The book includes ten apps varying in difficulty that cover the gamut – productivity apps, games, and more - that are designed to help you learn how to use PhoneGap to create a great experience.

"PhoneGap 2.x Mobile Application Development Hotshot" covers the creation of ten apps, from their design to their completion, using the PhoneGap APIs. The book begins with the importance of localization and how HTML, CSS, and JavaScript interact to create the mobile app experience. The book then proceeds through mobile apps of various genres, including productivity apps, entertainment apps, and games. Each app covers specific items provided by

PhoneGap that help make the mobile app experience better. This book covers the camera, geolocation, audio and video, and much more in order to help you create feature-rich mobile apps.

What you will learn from this book

- Explore localization and globalization tools.
- Interact with various social networks.
- Create, save, and retrieve user-created data.
- Learn about maps and geolocation.
- Interact with the camera and the photographs it creates.
- Work with playing and recording both audio and video.
- Create a fun, high-performance game.
- Integrate with custom plugins to extend the functionality of PhoneGap, including how to use native UI controls.
- Explore mobile app design patterns.
- Discover how to migrate a phone app to a tablet app.

Approach

This book is a step-by-step guide to creating a mobile app. Each chapter begins with the design of the user interface using wireframes, as well as the data models using various diagrams. After the design, the chapter moves on to the implementation of the app, describing each block of code, including how it works and why it is needed in the context of the project. At the end of each project, various suggestions are proposed to help extend or enhance the project in order to stimulate your creativity and programming skills.

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Editorial Review

About the Author

Kerri Shotts

Kerri Shotts has been programming since she learned BASIC on her Commodore 64. She earned her degree in Computer Science and has worked as a Test Engineer and Database Administrator. Now a Technology Consultant, she helps her clients with custom websites, apps (desktop and mobile), and more. When not at the computer, she enjoys photography and taking care of her aquariums.

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From reader reviews:

Asia Haynes:

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