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Chapter 6: User interface design for mobile devices

This chapter provides an overview of why UI design is important when developing media applications for mobile devices. This chapter outlines the limitations of mobile devices as compared to computers. This chapter outlines high-level best practices for developing the UI on a mobile device. This chapter also describes the following considerations when creating a UI for mobile devices: user interaction, screens, menus, managers, and fields.
6.1 Create a user interface

In this exercise, you will write an application for the BlackBerry® smartphone that uses BlackBerry user interface components, such as drop-down lists.

1. Extract the CityInfo_Incomplete.zip file.

2. In the IDE, open the cityinfo.jdw workspace.

3. Open the CityInfo.java source file.

4. In the CityInfoScreen constructor, add code to display a drop-down list with the following options: Los Angeles, Chicago, and New York.

5. Add a More Info menu item that displays the InfoScreen.

6. In the InfoScreen inner class, add code to display fields for population, state, and sight-seeing information.

7. Add code to display information depending on the city that the user selects.
   ((Hint: Use the select variable that is already defined in the code.)

8. Use the BlackBerry Smartphone Simulator to verify that your application functions properly.