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Chapter 1: Introduction to developing applications for mobile devices

This lab explores the differences between mobile devices and desktops, as well as the needs and expectations of mobile device users. This information can help you design mobile applications that are relevant, timely, and easy to use. In general, mobile devices have less memory and storage capacity than desktops. Mobile devices also have power limitations, smaller screens, and different input mechanisms. However, mobile devices provide portability, which allows users to access the information and features they want, from any location at any time. Mobile users typically expect fast, relevant, small chunks of information from applications that are intuitive and easy to use.
1.1 Plan a mobile device application

In this exercise, you will combine your creativity with what you have learned about mobile devices to plan features and behavior for a mobile device application.

1. Read the following scenario:
   You have been asked by a travel agency to design a mobile device application that allows travelers to get information about local restaurants.

2. Describe the behavior and at least four features that you can implement in your application. Specify how those features and behaviors support one or more mobile device characteristics (such as limited storage capacity, mobility, and reduced screen size) and user expectations (such as relevance, speed, and ease of use).