iPhone Mobile Application Design: The Case of Hacettepe University Libraries

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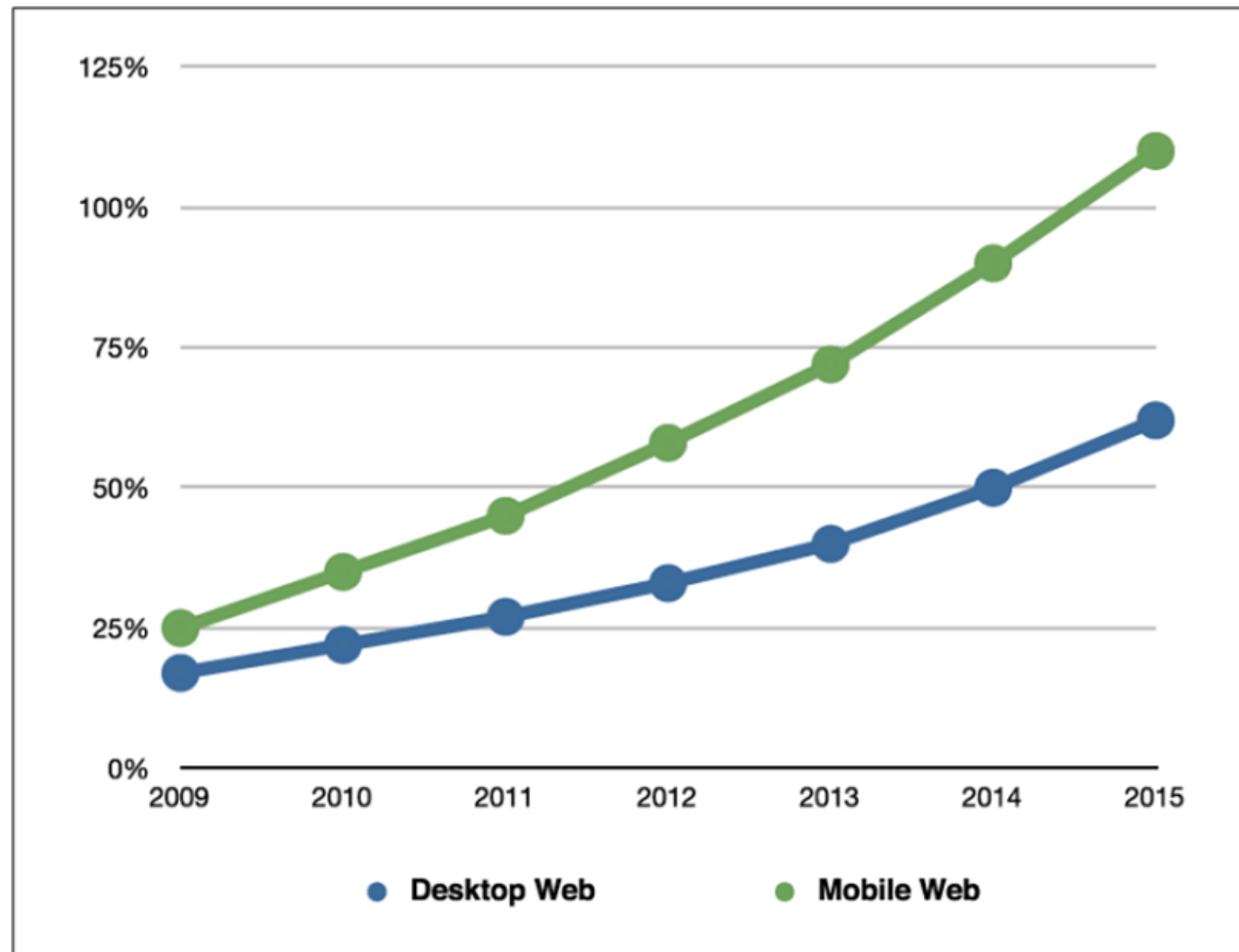
Hacettepe University

Ankara, Turkey

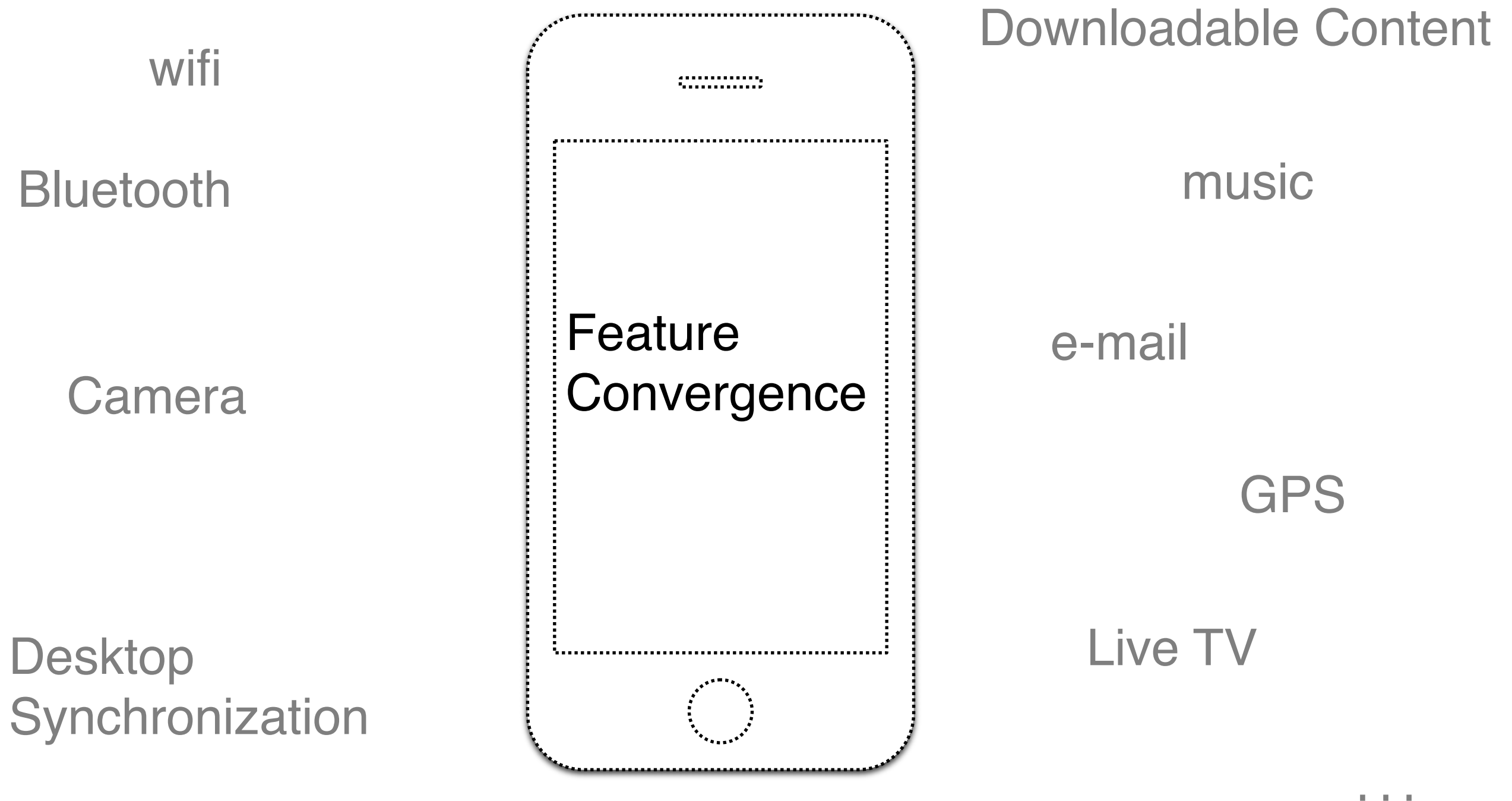mugeakbulut@gmail.com

Outline

- Mobile media

- Mobile application designing

- Hacettepe University Libraries iPhone Application

Growth of Mobile Web Access

http://mobiledesign.org/size_and_scope_of_the_mobile_market

Mobile Phone Features

wifi

Bluetooth

Camera

Desktop
Synchronization

**Feature
Convergence**

Downloadable Content

music

e-mail

GPS

Live TV

. . .

Mobile Medium

- 5.3 billion mobile phones

- Personal, always carried and always-on

- Reach anybody through any medium

Applications

We've spent the day on the Internet but not on the Web.

Users

- Developing technology, solving problems

- Users come up more demands

- "just-in-time" information

Mobile Media and Libraries

Innovative steps toward the reorganization of their services and render these services to users in order to satisfy their information needs

Mobile Media and Libraries

- Easily accessible, dynamic and controllable libraries

- Carry their services to the environment of the users

- Users are ready to accept the library services that they are used to

Design Process of Applications

350,000 App

- Content

- User-Friendly Interface

- Target Group

- A Different Kind of Usage Technique

Content

- Small screen

- Rendered in a simple way which will not puzzle users

- The size of the content

- Accesibility

User-Friendly Interface

- Accessing the content and using it in an effective way

- Huge time investment

Target Group

- What users need

- What their priorities are

- How often and when they will use the application

- "Design Blindness" (Nielsen, 1993)

A Different Kind of Usage Technique
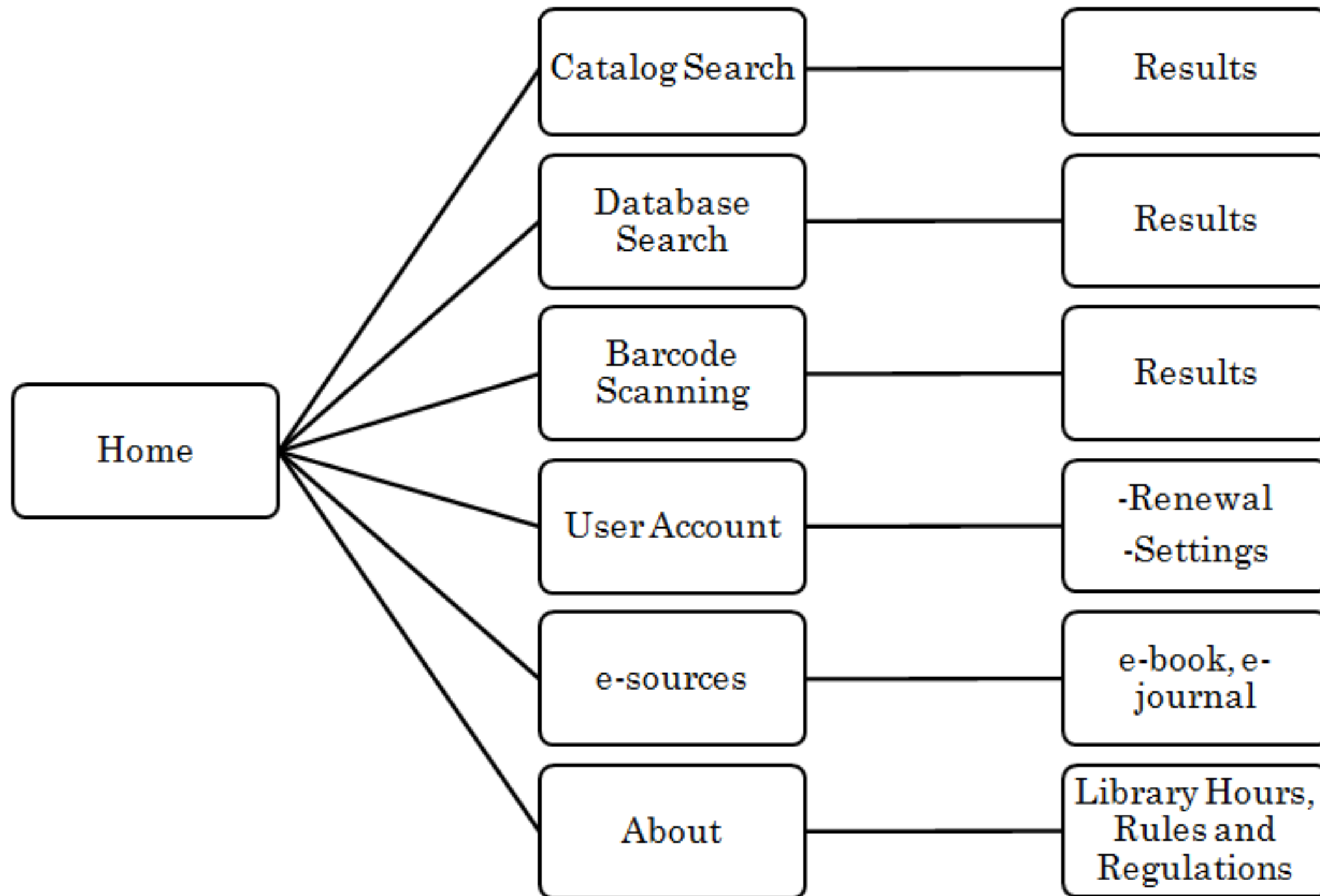
- Navigation

- Camera

- Microphone

- Gravity sensor (accelerometer)

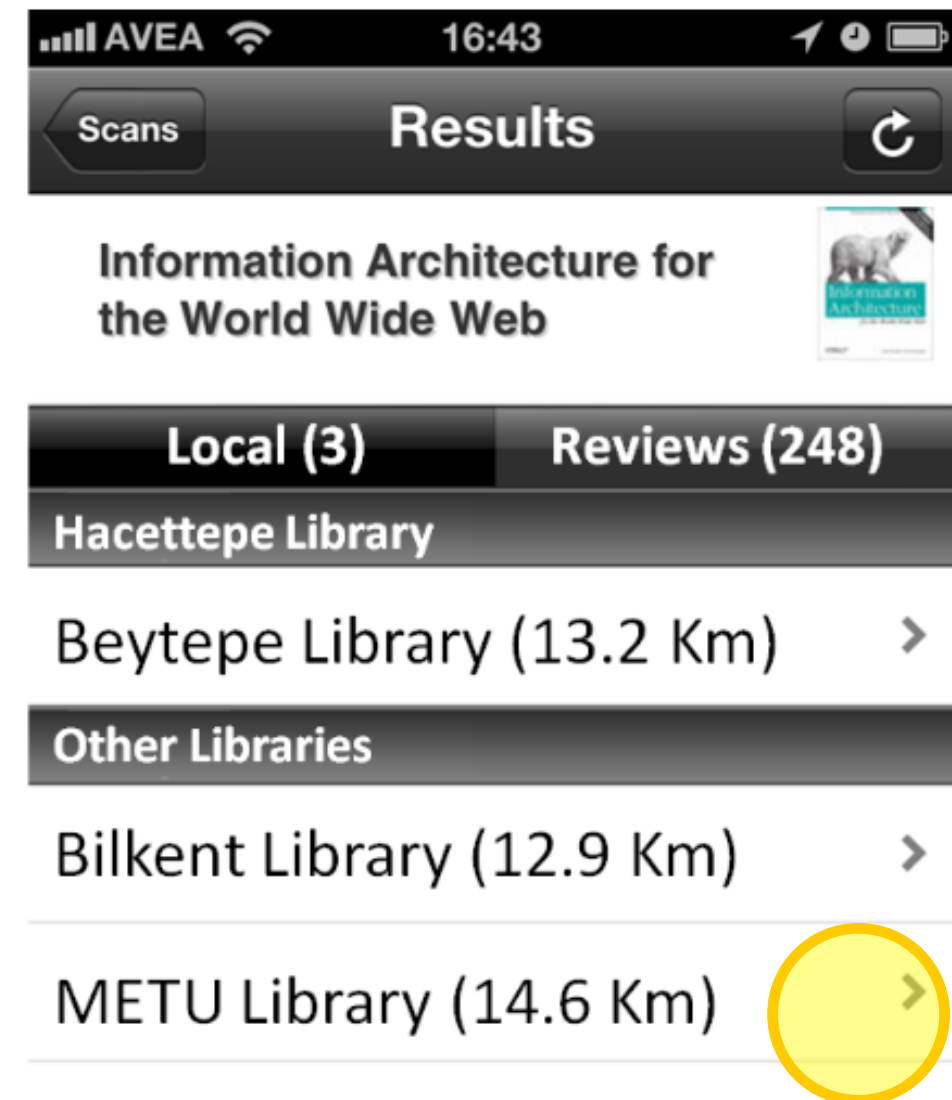# Hacettepe University Libraries App

- Accessing library sources

- Through this application, some services and sources of the libraries have been moved to a mobile environment
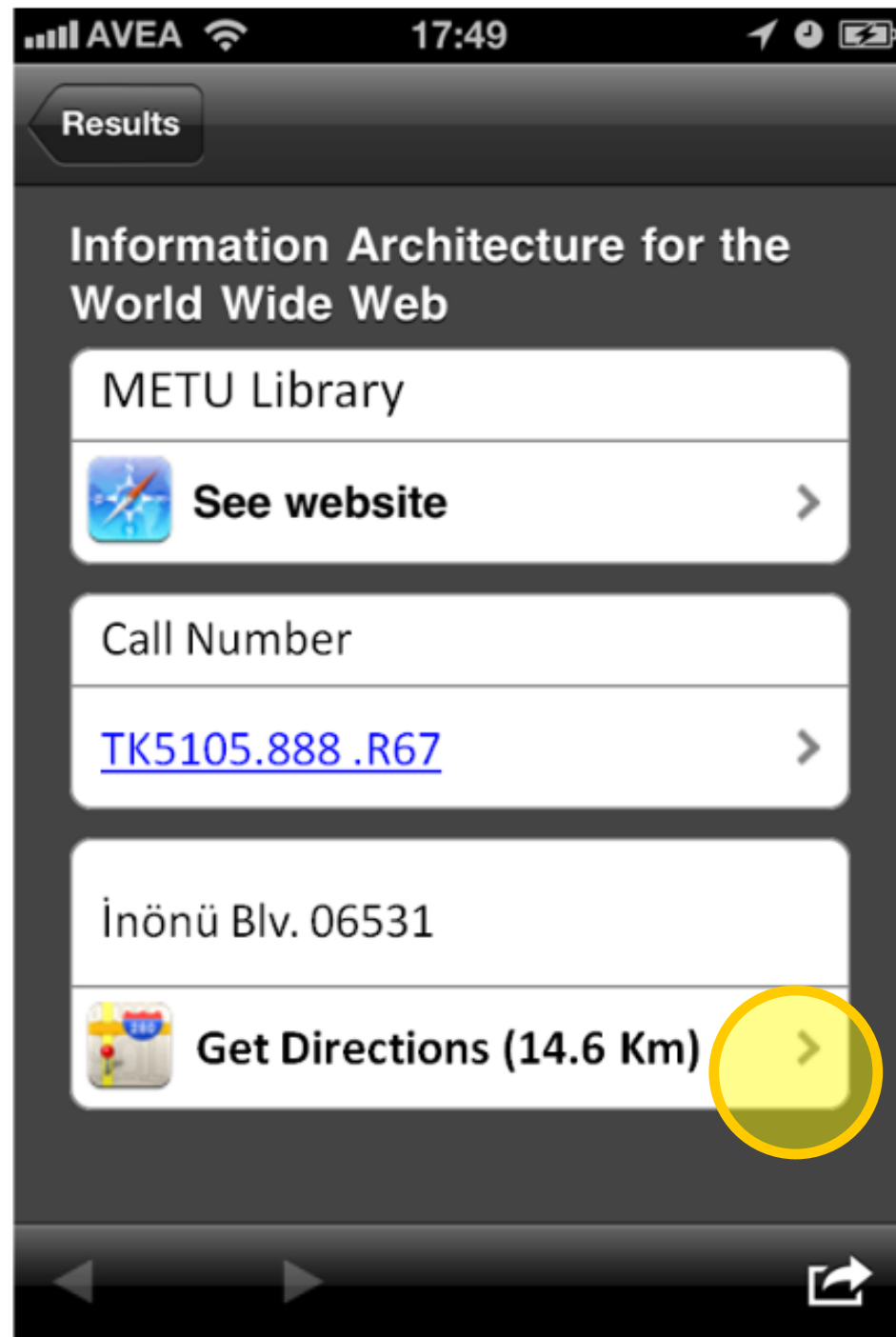
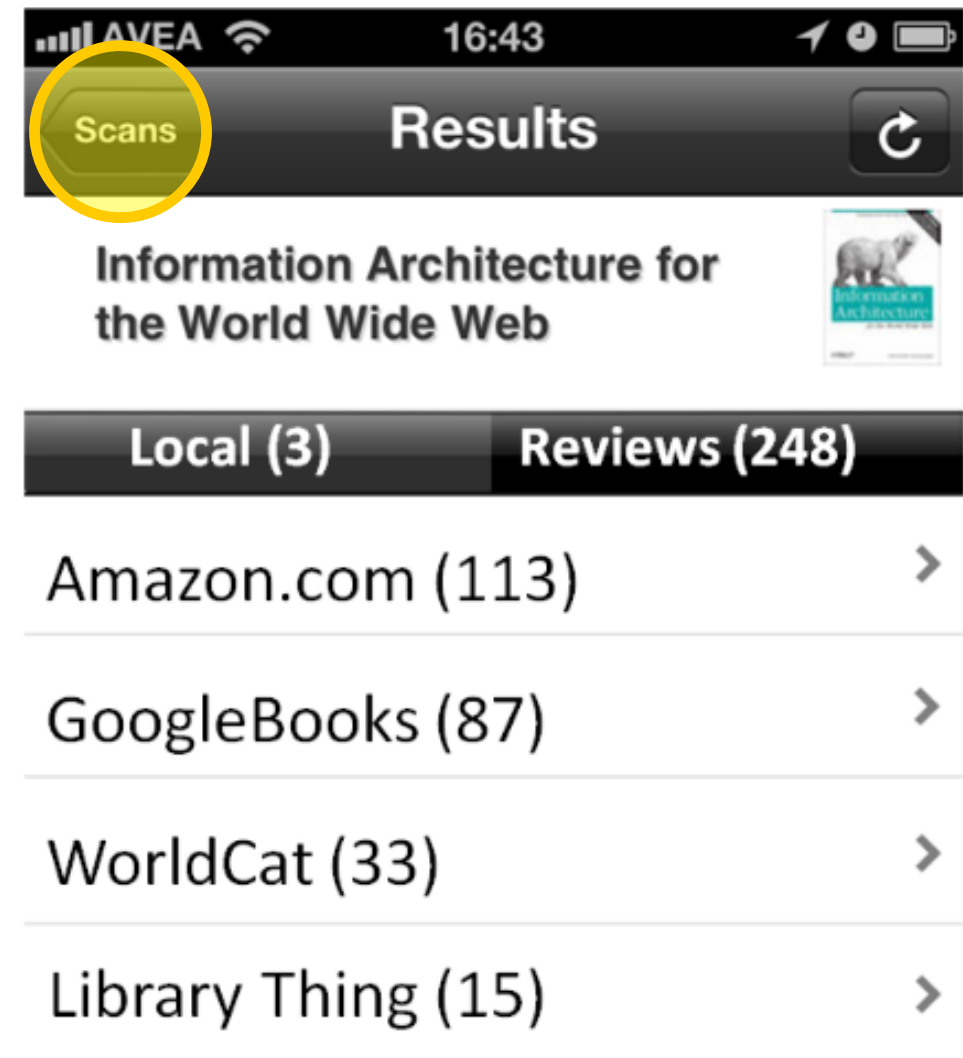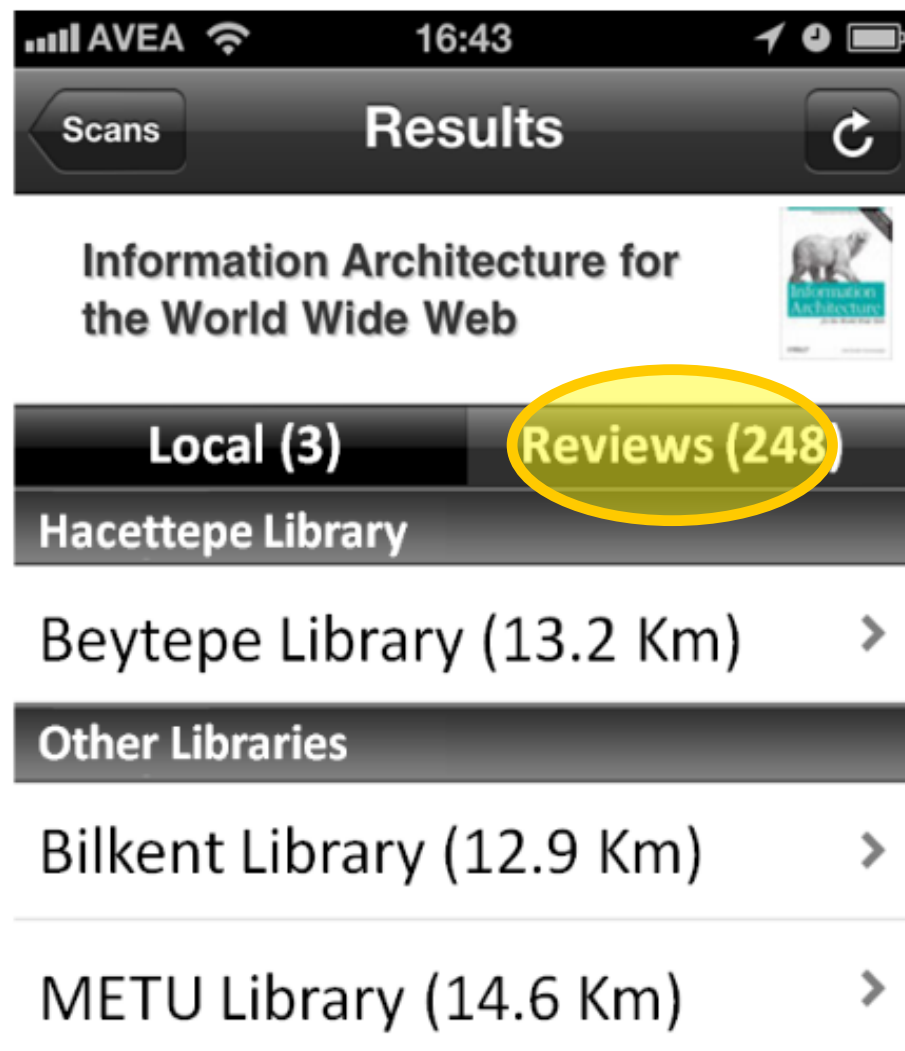# Map of the Library Application

Barcode Scanning

Barcode scanning technologies have been applied to system with the use of RedLaser SDK
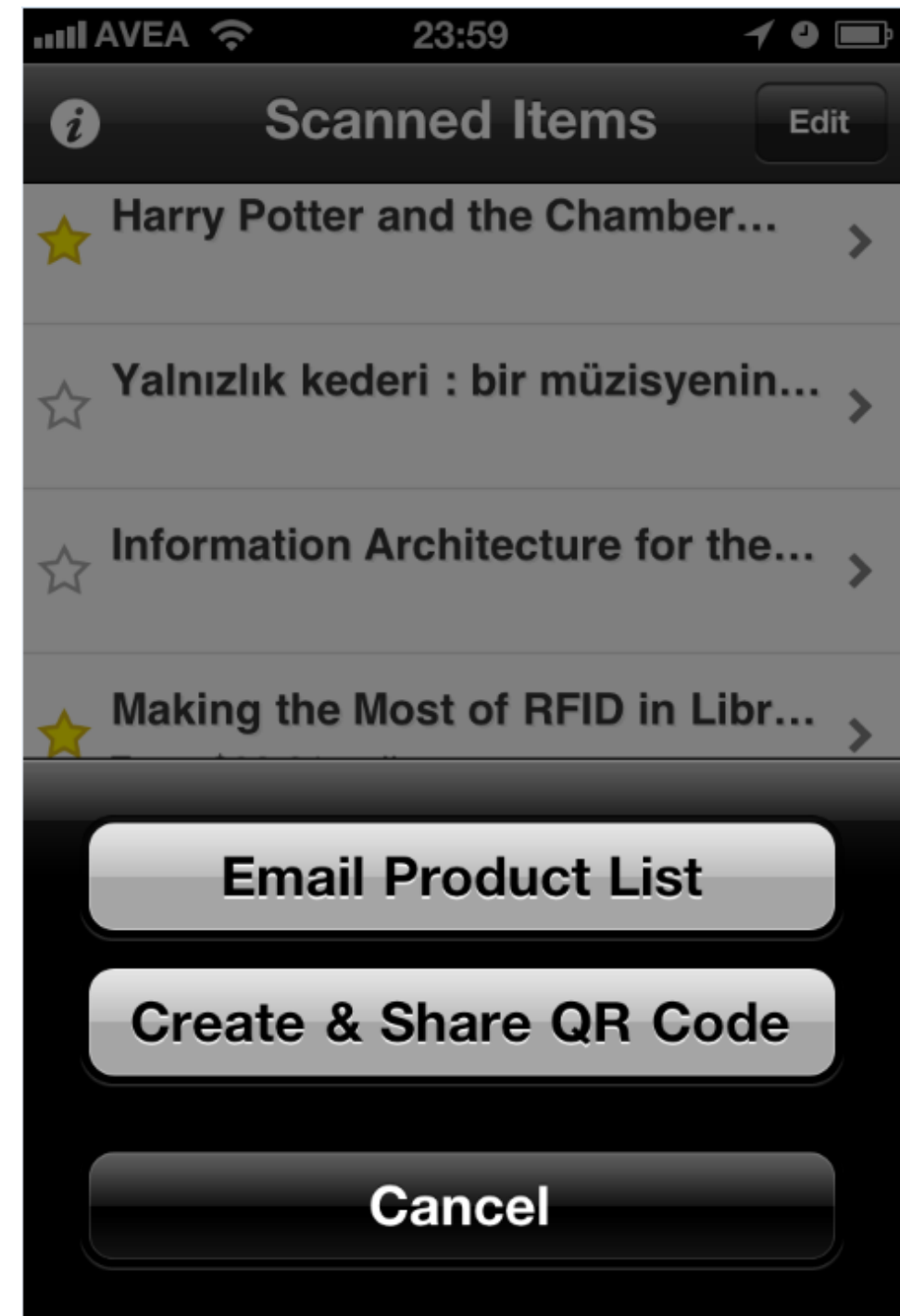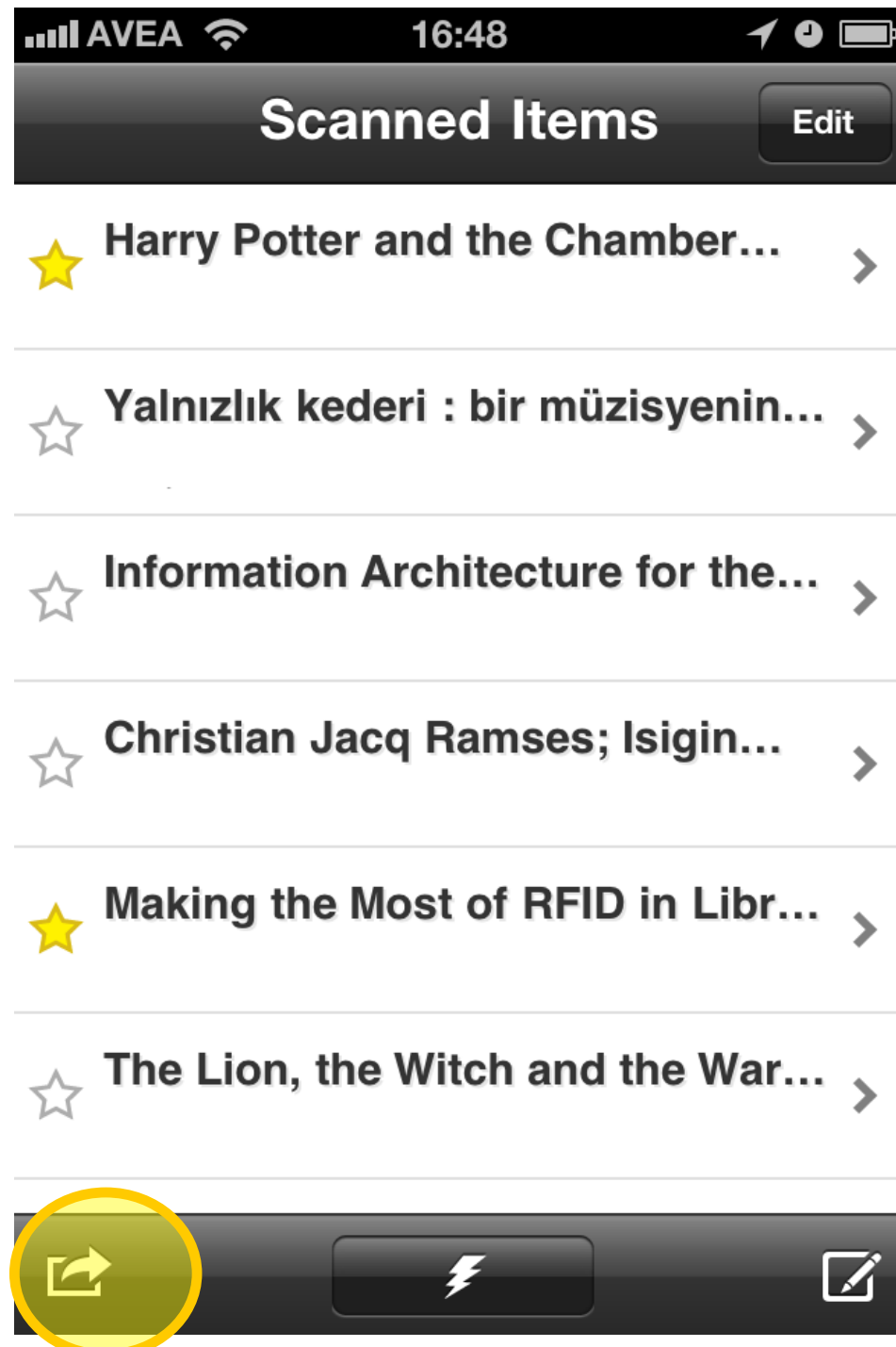
Local Searching, Get Directions

Reviews

Scanned Items

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