CS-50 Seminar: iOS Study Checklist

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Agenda

• Unique Mobile App Design Considerations
• iOS Development Environment
• Key Coding Concepts
• Where to Find More Information
Design Considerations (Some)

• Mobility, Context, Proximity
• Device capabilities
• Navigation and usability
• Local vs. remote data
iOS Development Environment

- Intel-based Mac running Mac OS 10.6.6+
- Xcode and Simulators (iPad and iPhone)
- iOS Devices / Code Signing
  - iOS Developer Portal
  - iTunes Connect
    - https://itunesconnect.apple.com/WebObjects/iTunesConnect.woa
  - University Developer Program
    - https://manual.cs50.net/iOS_University_Program
Coding Concepts (Some)

- Objective-C
- Classes and objects
- Variables and methods
- Delegation
- Memory management
View Concepts (Some)

- UIView, UITableView, UIWebview
- XIB (xml interface builder)
- View Elements
- Events and Outlets
- View Controller
Data (Some)

- XML
- Core Data
iOS Project Base Elements

- main.m
- AppDelegate
- MainWindow.xib
- info.plist
- Frameworks
More Information

- www.stackoverflow.com
- www.cs76.net
- etc. etc. etc.