



Apps built to delight

Bevezetés a mobil alkalmazáskészítés világába

About Halcyon



The Future Is Mobile

The mobile revolution

- We're in the right place at the right time.
- Presentation: how to build great apps, to be part of this revolution.

The Future Is Mobile

Beyond the Web 2.0 Era

- Web
- Web 2.0
 - social networks
 - User Generated Content
- Mobile - everyone will have a smartphone in his/her pocket.

The Future Is Mobile

- 25 Billion: Number of apps downloaded from Apple App Store as of March, 2012.
- 550,000: Number of apps offered through the Apple App Store for iPhone, iPad and iPod Touch.
- 792 apps downloaded/second.
- 1627 facebook status updates/second from mobile.

- The future is mobile - how can we be part of it?

The Future Is Mobile

- We can be a part of it by creating World-Class mobile apps.
- This presentation is an overview about "how to create great mobile apps".
- Boti will guide you through this.

Build Delightful Apps

- Mobile = iOS + Android
- Main goal: **build delightful iOS and Android apps.**
- How?

Build Delightful Apps

1. Prepare & Plan - Think before you code
2. Implement - Coding
3. Finalize - Testing & Distribution

Prepare & Plan

- Choose a platform (iOS, Android or both)
- Get started with the platform introduction documents:
 - iOS: <https://developer.apple.com/library/ios/#documentation/General/Conceptual/ApplicationDevelopmentOverview/Introduction/Introduction.html>
 - Android: <http://developer.android.com/guide/index.html>
- HIG documents:
 - iOS: <http://developer.apple.com/library/ios/#DOCUMENTATION/UserExperience/Conceptual/MobileHIG/Introduction/Introduction.html>
 - Android: http://developer.android.com/guide/practices/ui_guidelines/index.html

Prepare & Plan

- Think before you code.
- Story-based, user-centric specification.
- UI and usability is crucial.

Implement

Prerequisites

- iOS = Mac only.
- SDK + IDE.
 - iOS: Xcode (SDK included) from the Mac App Store.
 - Android SDK: <http://developer.android.com/sdk/index.html>
 - Android IDE: Eclipse <http://www.eclipse.org/downloads>
+ ADT: Eclipse plugin.
- SCM: git
 - Mac clients: SourceTree, SmartGit.
 - Windows client: SmartGit.

Implement

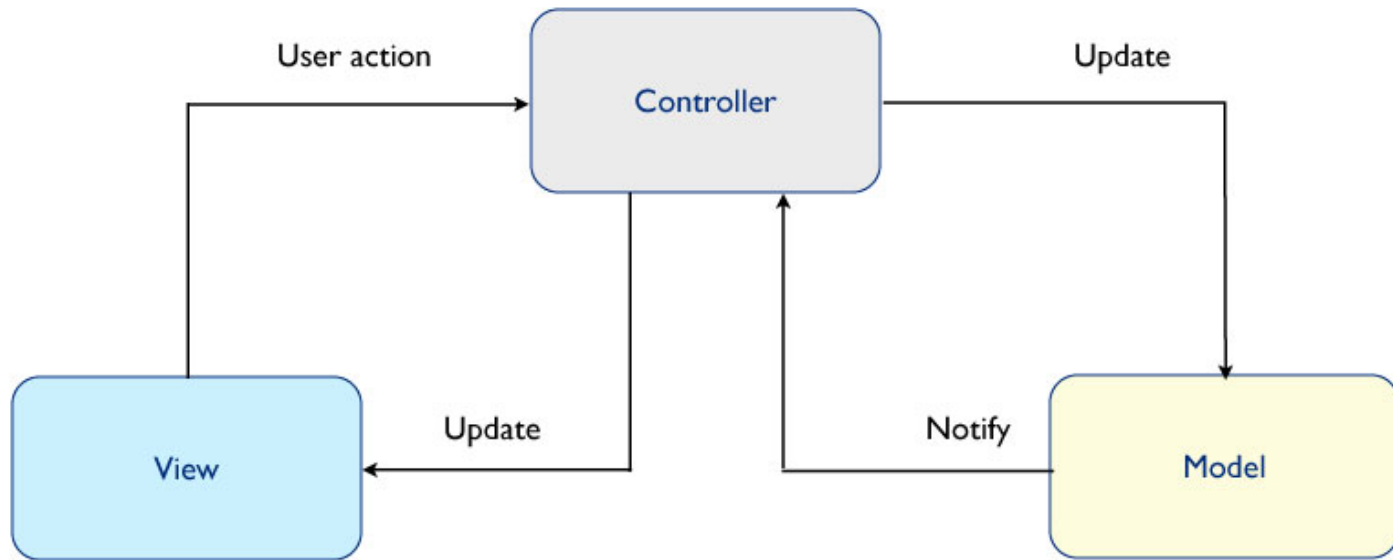
Quality Code

- Generic software craftsmanship (Pragmatic Programmers book <http://pragprog.com>)

Implement

App structure

- MVC



Implement

Testing during implementation

- Don't rely only on the simulators.
- Manual test during implementation:
 - Multiple OS versions/platforms.
 - Network availability.
- Automatic testing.

Finalize

Final testing

- Internal testing.
- Beta testing:
 - UTest: <http://www.utest.com>
 - UserTesting: <http://www.usertesting.com>
 - Friends

Finalize

Distribution

- App Store submission steps:
 - Register
 - Check HIG & review guidelines
 - Submit app

Finalize

Listen to the user

- Crash reporting: Crittercism <http://www.crittercism.com>
- Analytics: Flurry <http://www.flurry.com>
- App store feedback.

Finalize

Enjoy app success!

Demo

Demo

Resources

- iOS: <https://developer.apple.com/devcenter/ios/index.action>
- Android: <http://developer.android.com/index.html>
- Technical: <http://www.stackoverflow.com>
- Ask Us: dev@halcyonmobile.com

Summary

- We're in the middle of the mobile revolution.
- Now is the time to be a mobile programmer.
- To build a successful app go through the development steps of Planning, Coding and Testing your application.
- or join our team at Halcyon and let's make some great mobile apps together. More info about jobs and internship at:
 - www.mobilprogramozo.ro
 - www.halcyon.ro

The End

Köszönjük a figyelmet!

www.halcyon.ro

www.mobilprogramozo.ro - jobs or internship