Getting Started with App Development at Clemson

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Mobile Innovation Team | CCIT
Mobile App Development

- Objectives of this presentation
  - Clemson community statistics
  - What the Mobile Innovation Team does
  - Development resources available
  - Courses offered at Clemson
  - Contact information
  - Requirements for publication as Clemson University branded app
Mobile Innovation Team

- Responsible for m.Clemson app
  - Major rewrite underway due Fall 2013
  - Tie into all University Enterprise systems
  - Meet student needs for mobile computing at Clemson
- Responsible for publishing mobile apps as Clemson University
- Manage Apple iTunes, Apple Enterprise, and Android Google Play accounts
- Write apps for Clemson projects as time and funding allows
- Track usage of mobile apps, downloads, platforms at Clemson University
- Keep up to date on mobile trends
Before you get started

• Who is your audience?
• iOS, Android, or both?
• Do you need to publish in the iTunes Store?
Downloads and usage at Clemson

• m.Clemson app
  – iOS downloads - 25,500 total, 250 per week
  – Android downloads - 9,800, 135 per week
• Blackboard Mobile usage
  – iOS unique users last 12 months - 13,735
  – Android unique users last 12 months - 3723
Mobile App Development Resources

• One stop for all things mobile at Clemson
  – www.clemson.edu/mobile
  – m.Clemson
  – App Showcase
  – Resources
  – Connect

CLEMSON
COMPUTING AND INFORMATION TECHNOLOGY
Developer Tools

• iOS Development
  – Must have a Mac and use Xcode
  – Development for learning – use departmental University Apple account
  – Development to publish – register with CCIT and use University Apple account for publishing in iTunes store

• Android Development
  – Develop on any OS using an IDE like Eclipse or NetBeans
  – Development for learning – download and use the Android SDK
  – Development to publish - register with CCIT and use University Android Google Play account for publishing in Google Play store
Mobile Development Courses

- Taught by Dr. Roy Pargas
- iOS Development
  - Must have a Mac and use Xcode
  - Typically taught in the Fall Semester each year, check the schedule

- Android Development
  - Develop on any OS using an IDE like Eclipse or NetBeans
  - Typically taught in the Spring Semester each year, check the schedule
Publishing as Clemson University

- Both platforms
  - All apps published through our office must always reflect the high standards of Clemson University
  - Comply with Clemson University brand guidelines
  - Submit your source code to CUIT for review and storage

- iOS Development
  - Must follow Apple’s iOS Human Interface Guidelines
  - Must follow Apple’s review guidelines

- Android Development
  - Must follow Google’s publishing guidelines
  - Must follow Google’s Supporting Multiple Screens document
Thank you

- Email mobile-admin@lists.clemson.edu to get in touch with my team.
- Questions?