MICHIGAN STATE
U N I V E R S I T Y

Alpha Presentation
Companion Authoring Services

The Capstone Experience

Team Motorola Mobility

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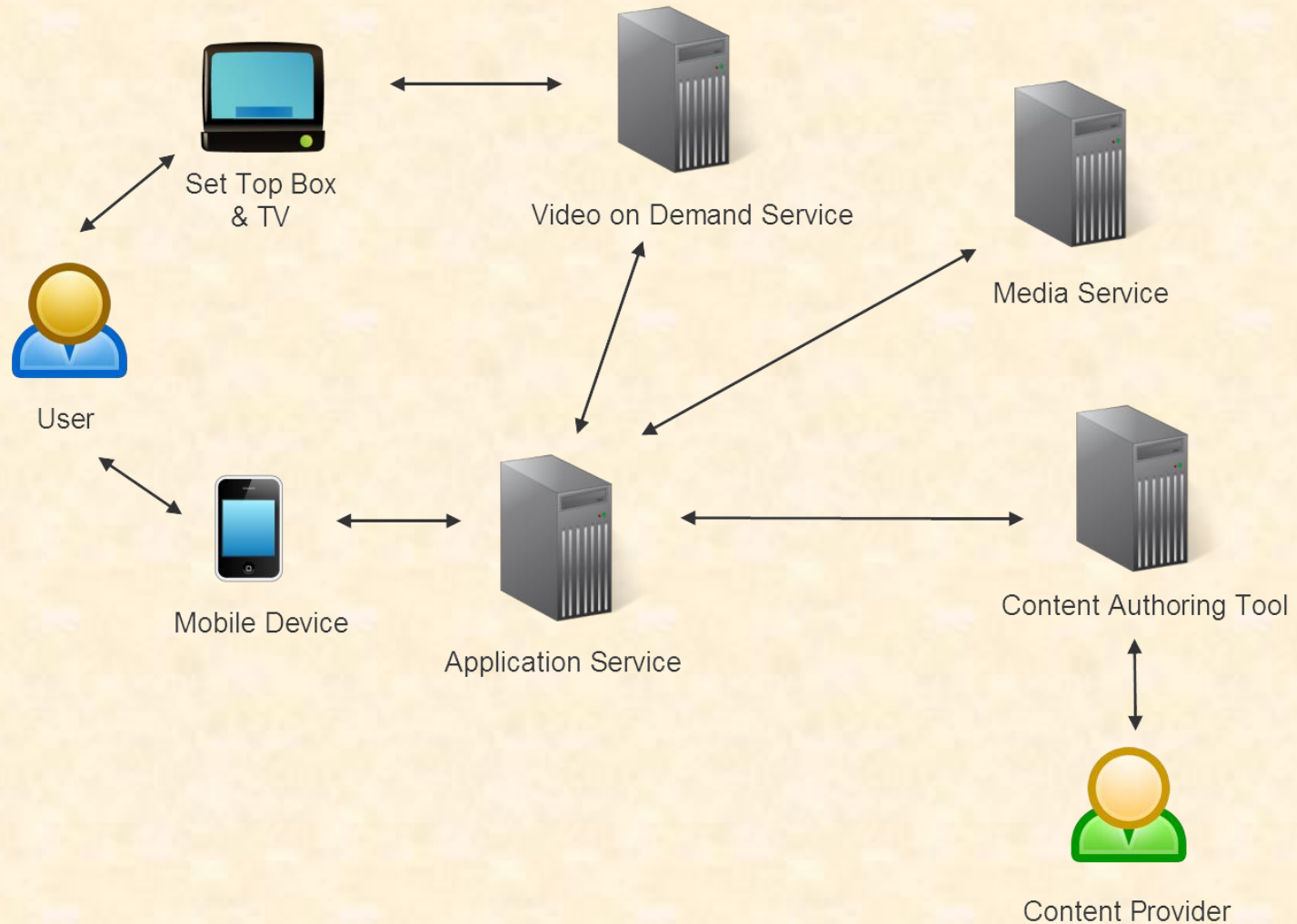Michigan State University

Spring 2011

From Students…
…to Professionals

Project Overview

- Create Content Authoring Tool
  - Allow content providers to upload Secondary Content and coordinate it with Primary Content
- Develop Mobile Client
  - Create client that can be deployed to iOS and Android platforms
- Develop Content Service
  - Store information about Secondary Content and it's associations with Primary Content
- Design standard for Secondary Content
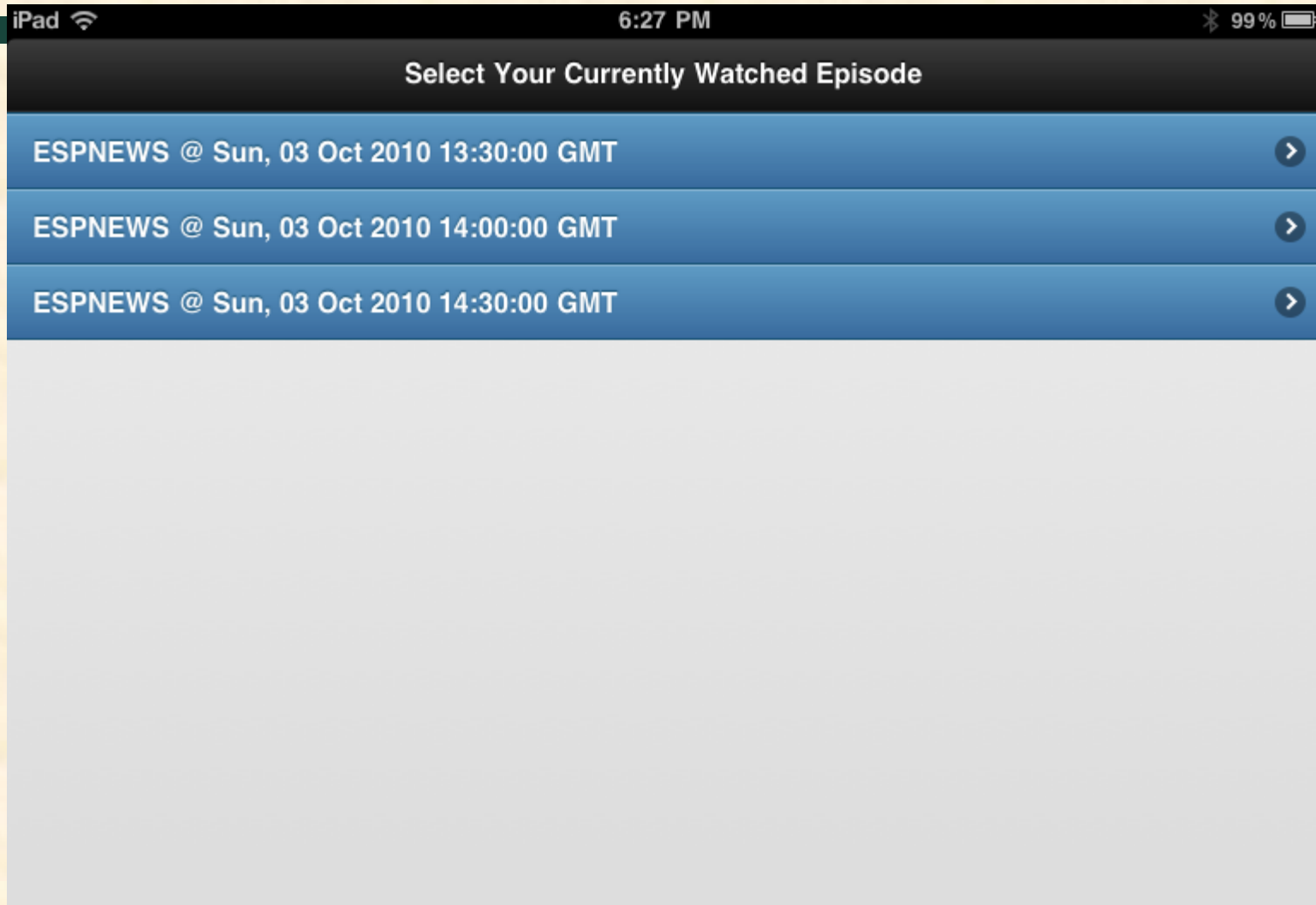 - Similar to current standards for advertisement in cable services

System Architecture

Set Top Box & TV

Video on Demand Service

Media Service

User

Mobile Device

Application Service

Content Authoring Tool

Content Provider

Mobile Application
- Select the program you're watching

Mobile Application – View Secondary Content

Content Authoring Tool – Home Page

Content Authoring Tool – Content Management

Content Authoring Tool – Association Management

What's left to do?

- Backend Services
  - Increase speed of services
- Content Authoring Tool
  - Increase application performance
  - Increase ease of use
- Mobile Application
  - Deploy to Android Platform in native wrapper
  - Swiping and other gesture support