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

Alpha Presentation
Enhanced Program Guides for Mobile Devices

The Capstone Experience

Team Motorola

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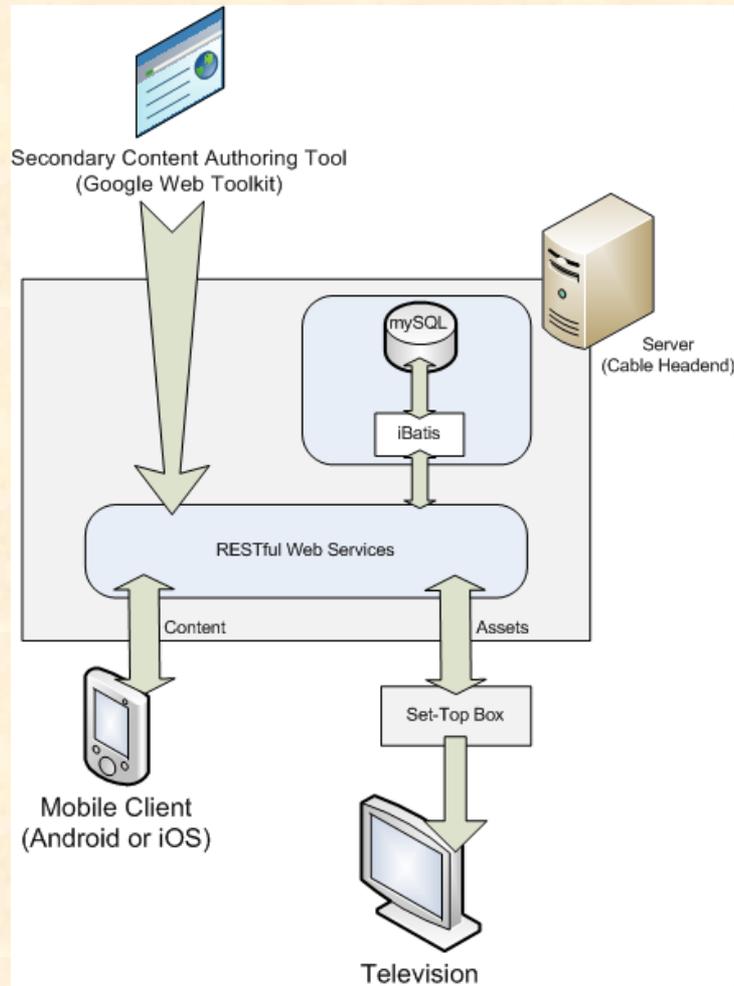Michigan State University

Fall 2010

From Students…
…to Professionals

Project Overview

- Provide Additional Television Content
  - Extend brand names beyond living room
  - Enhance user experience
- Manage Secondary Content Lifecycle
  - Create new content and new types of content
  - Associate content to specific times within a show
- Mobile User Application
  - Non-intrusive
  - User friendly
  - Multiple platforms
  - For use with live or recorded content
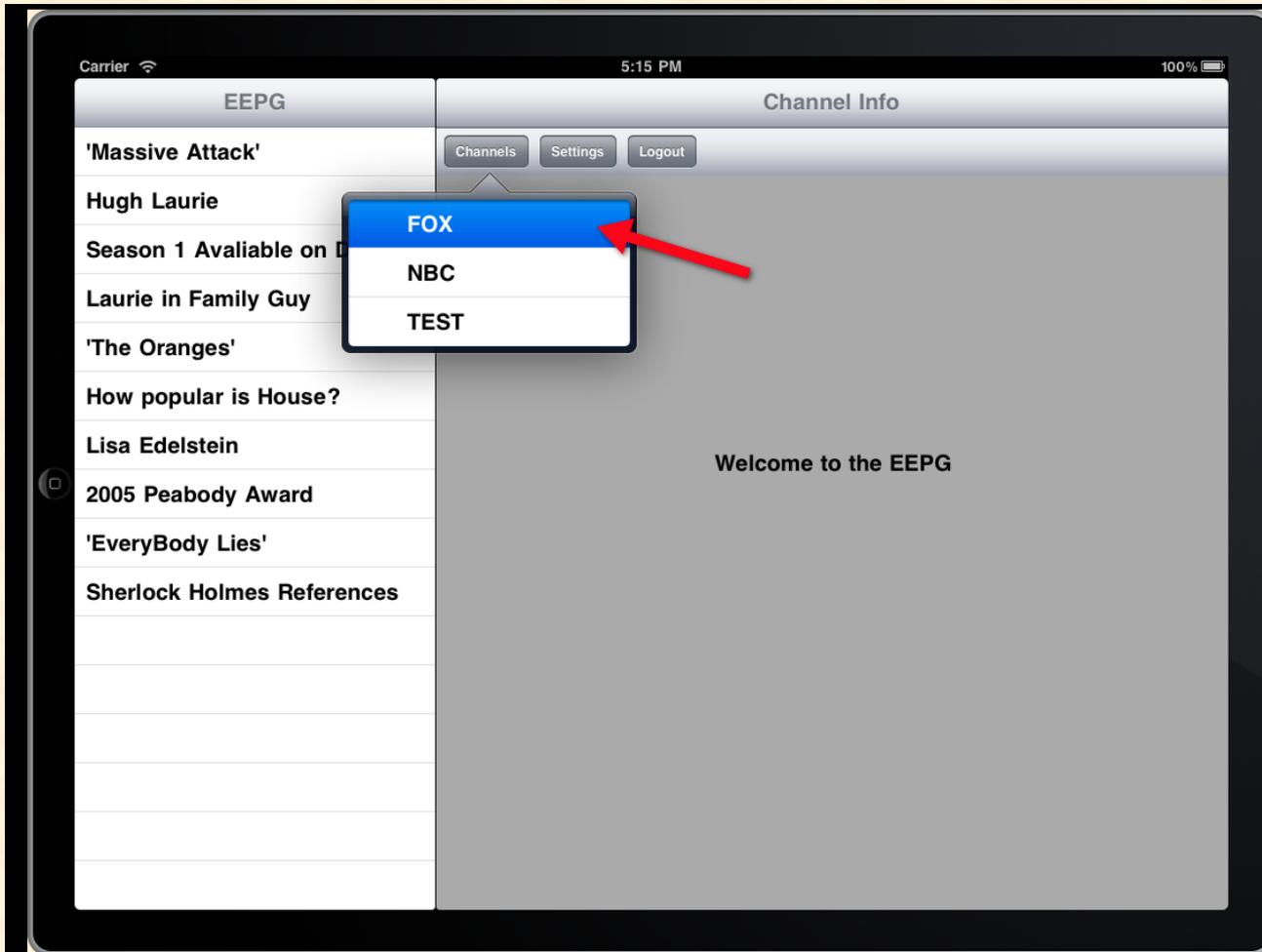
System Architecture

Content Authoring Tool

iPhone / iPad App

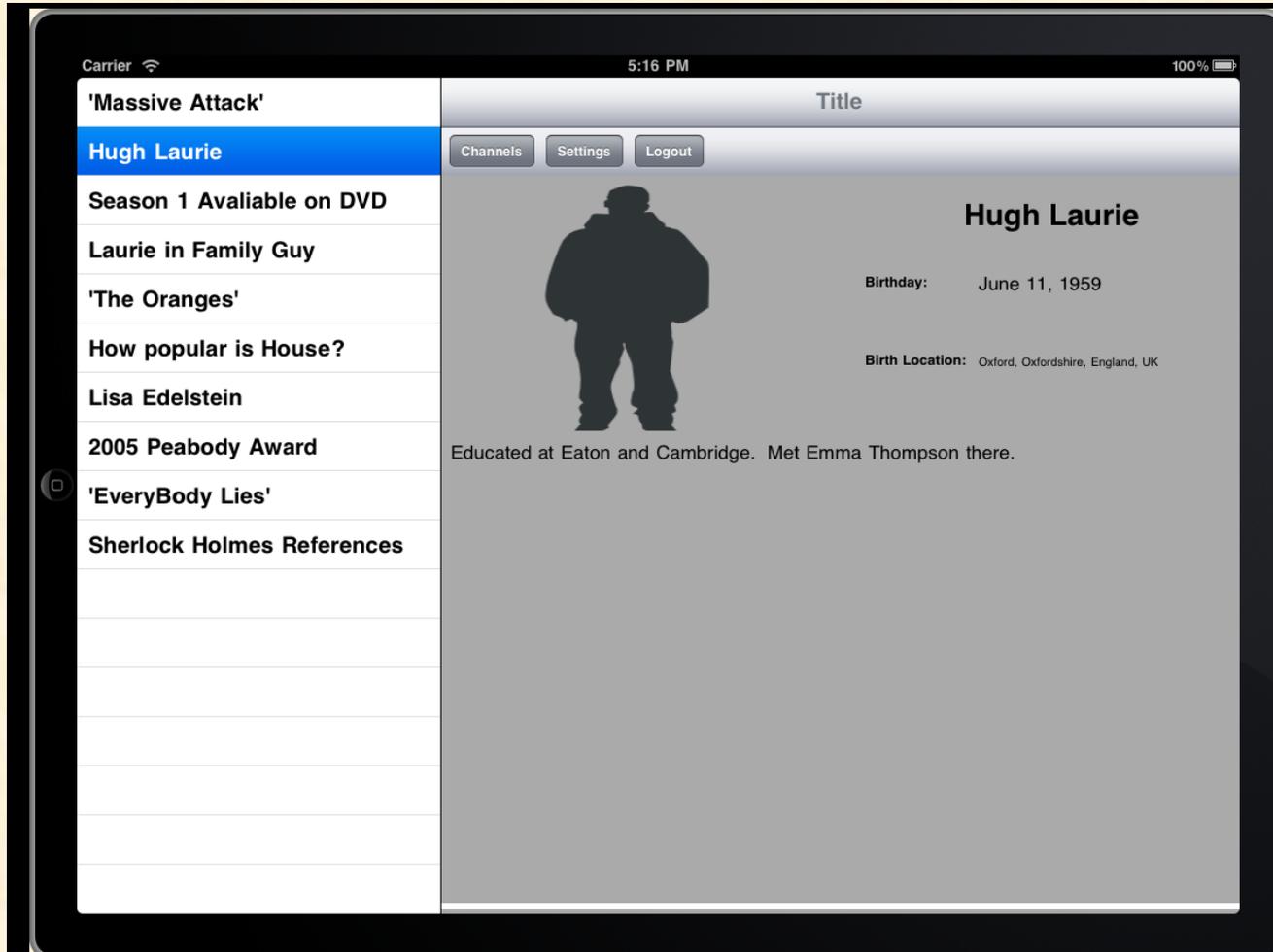# iPhone / iPad App

iPhone / iPad App

What's left to do?

- Content authoring tool send POST requests

- Dynamic generation of new content types

- Dynamic rendering of new content types

- Filter content available based on time

- Filter content available based on selected layer

- User authentication

- User registering set-top box to account