Alpha Presentation
Companion Authoring Services

The Capstone Experience

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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

User

Set Top Box & TV

Mobile Device

Application Service

Video on Demand Service

Media Service

Content Authoring Tool

Content Provider
Mobile Application
- Select the program you’re watching

![Select Your Currently Watched Episode]

- ESPNEWS @ Sun, 03 Oct 2010 13:30:00 GMT
- ESPNEWS @ Sun, 03 Oct 2010 14:00:00 GMT
- ESPNEWS @ Sun, 03 Oct 2010 14:30:00 GMT
Mobile Application
– View Secondary Content
Content Authoring Tool – Home Page
Content Authoring Tool – Content Management

Title: Hugh Laurie - Wikipedia Article
Description: Hyperlink to Hugh Laurie's Wikipedia Article
Tags: wikipedia, hugh laurie, england, biography, actor, house, medical drama
Format: Wikipedia Article
Attributes of format:
hyperlink: http://en.wikipedia.org/wiki/Hugh_Laurie
date: 2010-09-10
titleDisplay: <h1>Wikipedia - Hugh Laurie</h1>
descriptionDisplay: <p>View a biography and working history of British Actor Hugh Laurie</p>

Edit Delete

Secondary Content
Search Content

Hugh Laurie - Wikipedia Article
Will Ferrell - Wikipedia Article
Will Ferrell Interview
Rod Wingo Statistics
Flyers Statistics
MythBusters Wikipedia Article
Jamie Hyneman Wikipedia Article
Adam Savage Wikipedia Article
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