Beta Presentation
Synchronized Program Content Delivery

The Capstone Experience

Team Motorola Mobility
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Project Overview

• Synchronized Program Content Delivery Framework
  ▪ Synchronize what the user is viewing on their television with appropriate secondary content on mobile device

• Audio Sync Service
  ▪ User can record sample audio footprint of a program, and the sync service will identify the program and sync

• Complete TV mobile app
  ▪ Display secondary content
  ▪ Allow users to register devices

• Set Top Box User Interface
  ▪ Similar to a program guide
System Architecture
Set Top Box Program Guide – Live

<table>
<thead>
<tr>
<th>SUN 11/6</th>
<th>12:00</th>
<th>12:30</th>
<th>13:00</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 FOX</td>
<td>Home Improvement</td>
<td>Everybody Loves Raymond</td>
<td>The Simpsons</td>
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<tr>
<td>2 TBS</td>
<td>Everybody Loves Raymond</td>
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<tr>
<td>3 CN</td>
<td>The Looney Tunes Show</td>
<td>Looney Tunes</td>
<td>The Simpsons</td>
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**Everybody Loves Raymond**

"Confronting the Attacker" - Still reeling after his encounter with a bull, Robert loses his nerve on his first day back with the police force and decides to quit his job to begin a new career in telemarketing.
Video on Demand

All  Comedy  Animated

The Simpsons

Looney Tunes

The Simpsons
"Trash of the Titans" - Homer runs for sanitation commissioner after the garbage man stops picking up his trash. Voices of Dan Castellaneta, Julie Kavner, Nancy Cartwright and Yeardley Smith. Guest voices of actor Steve Martin and music group U2.

3:09 PM
Device Management Page
# Mobile Program Guide - Live

## Select A Program

<table>
<thead>
<tr>
<th>SUN 11/6</th>
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<th>9:00</th>
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## Home Improvement

60MIN LEFT

"Lucky Be a Taylor Tonight" - Jill’s newlywed sister spoils Tim’s poker night when she brings her marital problems to Jill and Tim.

Minutes: 0

Seconds: 0
Mobile Program Guide - VOD

The Simpsons

"Trash of the Titans" - Homer runs for sanitation commissioner after the garbage man stops picking up his trash. Voices of Dan Castellaneta, Julie Kavner, Nancy Cartwright and Yeardley Smith. Guest voices of actor Steve Martin and music group U2.
What’s left to do?

• User & Administrator Manual
• Testing & Debugging
• Project Video
• Project Plan Updates