Alpha Presentation
Synchronized Program Content Delivery

The Capstone Experience

Team Motorola Mobility
Timothy Belcher
Paul Detkowski
Tareq Musleh

Department of Computer Science and Engineering
Michigan State University
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Project Overview

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

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

• Develop Synchronized Complete TV mobile app
  ▪ Smooth interface for user preferences

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

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<th>4:00</th>
<th>4:30</th>
<th>5:00</th>
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<tbody>
<tr>
<td>1 FOX</td>
<td>Home Improvement</td>
<td>Everybody Loves Raymond</td>
<td>The Simpsons</td>
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<td>The Looney Tunes Show</td>
<td>Looney Tunes</td>
<td>The Simpsons</td>
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### Home Improvement

30MIN LEFT

"The Son Also Mooches" - Tim worries that his mother will lose her investment in his brother's risky business venture; Jill gets glasses.
Content Page
# Mobile Program Guide

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**The Looney Tunes Show**

"The Fugham-Leigham Story": Fugham Leigham visits Dilly as himself in a movie about his life. In the mean time, Dugs and Yssamile Sam find a potentially expensive vase buried in the backyard.
What’s left to do?

• Audio Sync
• Syncing with Video on Demand
• Testing/Debugging
• Improve UI