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

Alpha Presentation
Synchronized Program Content Delivery

The Capstone Experience

Team Motorola Mobility

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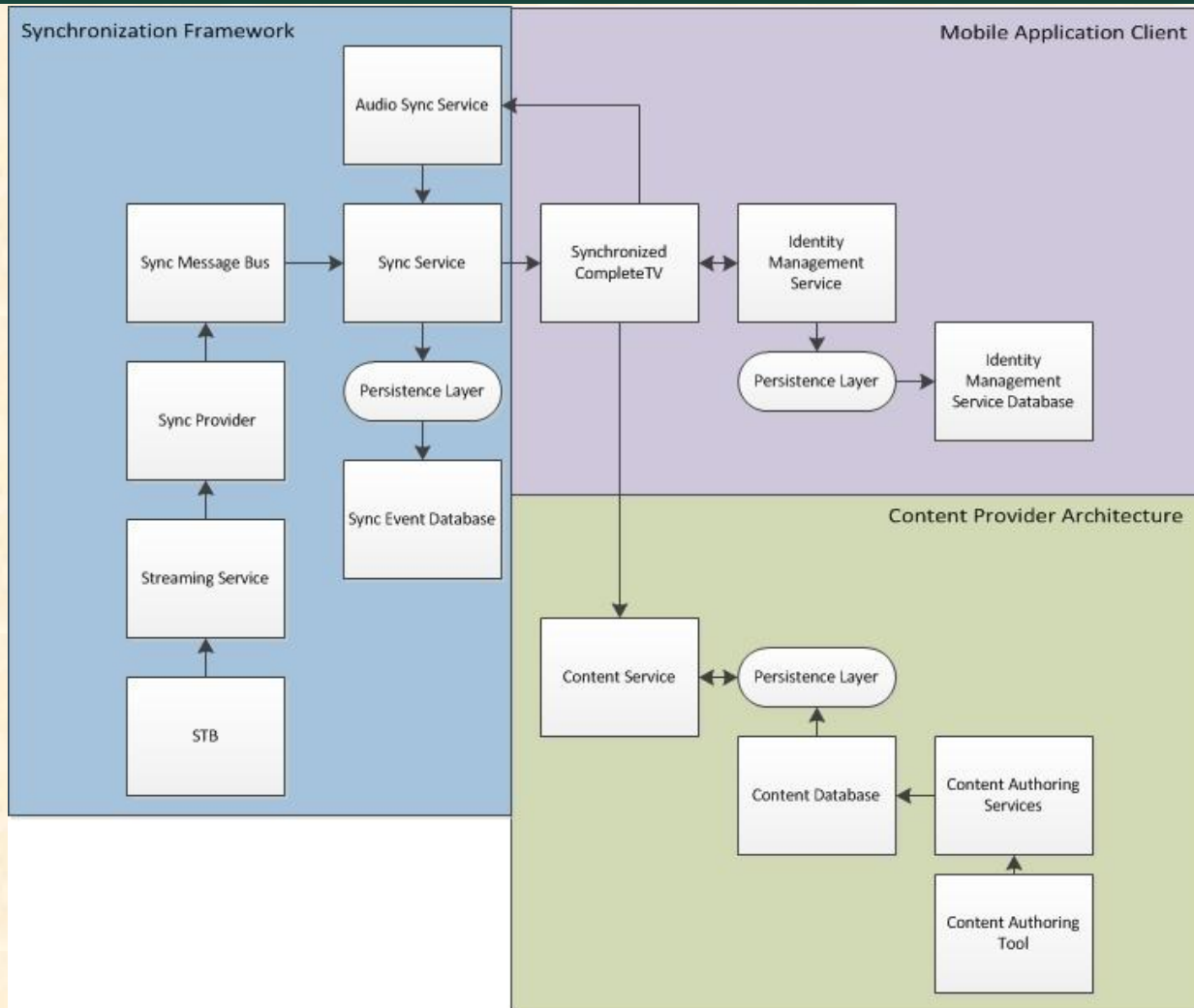Michigan State University

Fall 2011

From Students…
…to Professionals

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

Set Top Box Program Guide

Content Page

Mobile Program Guide

Device Management Page

What's left to do?

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