

MICHIGAN STATE
UNIVERSITY

Beta Presentation

Multi-Video Case Management

The Capstone Experience
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From Students...
...to Professionals

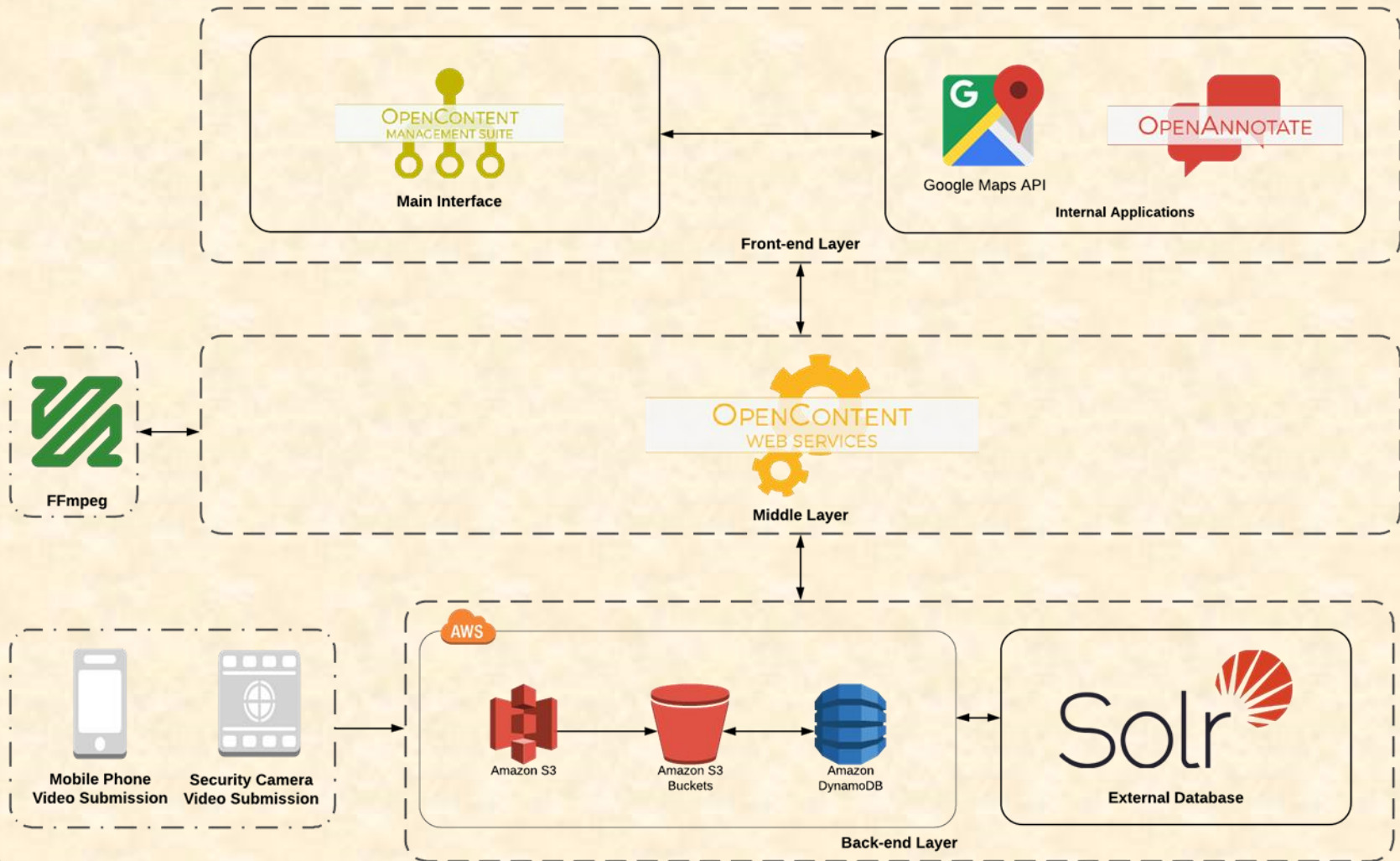
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Project Overview

- Insurance claims have a lot of video content
 - Time consuming to review multiple videos of one event
- Building upon existing OpenContent Management Suite's (OCMS) architecture
- Adding two new actions
 - Add videos from a map view
 - Merge multiple videos together



System Architecture



Add Videos From Map Action

The screenshot displays the OpenContent Management Suite (OCMS) interface. The left sidebar contains a 'Claim' section with 'Folder Properties' (Claim Number: 000002, Policy Number: 172996, Policy Year: 2019) and an 'Actions' list including 'View Properties', 'Property Integrity Check', 'View All Documents', 'View Folder Terms', 'Add Documents', 'Folder Notes', 'Send Email', 'Export Folder', 'Add Video From Map', and 'Delete Document'. The 'Related Objects' section shows 'Folder Contents' with a 'Supplemental' item.

The main content area is titled 'Add Video From Map'. It features a map of Michigan State University with a red circle highlighting the 'Wharton Center for Performing Arts'. Above the map, there is a 'Location of Interest' field containing 'Michigan State University Wharton Center', and a 'Time' field with 'Time From: 02:00 PM', 'Time To: 02:30 PM', and 'Date: 03/01/2019'. A 'Submit' button is located below the time field. Below the map, there are 'Add All' and 'Add Selected' buttons. A list of selected videos is shown below these buttons:

- passageway1-c1.mp4
- passageway1-c2.mp4



Map View of Folder Contents

The screenshot displays the OpenContent Management Suite (OCMS) interface. The browser address bar shows the URL: `localhost:8080/hp/Stage/insuranceClaim/8d92dc43-7eac-4f1c-603899a3410a-0.1?folderActionId=viewAllDocuments`. The interface is divided into several sections:

- Claim Section:** Displays folder properties for a claim.

Folder Properties	
Claim Number	000002
Policy Number	172986
Policy Year	2019
- Actions Section:** A list of actions available for the folder, including:
 - View Properties
 - Property Integrity Check
 - View All Documents
 - View Folder Terms
 - Add Documents
 - Folder Notes
 - Send Email
 - Export Folder
 - Add Video From Map
 - Delete Document
- Related Objects Section:** Displays related objects, including:
 - Folder Contents
 - Supplemental
 - Video
- Map View Section:** Titled "View All Documents", it shows a Google Map with two overlapping red and green polygons. A "Populate Map" button is located above the map. The map includes labels for "Wharton Center for Performing Arts" and "Im East Field". The map controls (Map, Satellite, zoom, etc.) are visible at the bottom.



Adding Annotations

The screenshot displays the OpenContent Management Suite (OCMS) interface. The top navigation bar includes links for Search, Collections, Dashboard, Create Wizard Form, and Create New Folder. The main content area is titled 'Annotations' and features a sidebar with a search bar and a list of annotations. The video player on the right shows a scene from 'passageway1-c3.mp4' with a play button overlay. The video player controls at the bottom indicate a duration of 0:00:15 / 0:00:45.

Annotations List:

Start Time	End Time	Description
15 seconds	20 seconds	Man is walking out of the frame of the video
3:602 - 10:602		Created on Mar 26, 2019 He got on one of the bicycles.
30:685 - 40:685		Created on Mar 26, 2019 Two people walked down the stairs into the view



Merge Videos Action (4 videos)

The screenshot displays the OpenContent Management Suite (OCMS) interface. The top navigation bar includes links for Search, Collections, Dashboard, Create Wizard Form, and Create New Folder. The main content area is divided into a left sidebar and a right main panel.

Left Sidebar:

- Claim:** Shows folder properties for a claim with Claim Number 000002, Policy Number 172986, and Policy Year 2019.
- Actions:** A list of folder actions including View Properties, Property Integrity Check, View All Documents, View Folder Terms, Add Documents, Folder Notes, Send Email, Export Folder, Add Video From Map, and Delete Document.
- Related Objects:** A section showing folder contents with links to Supplemental and Video.

Main Panel:

- Actions:** A toolbar with icons for Show Panel, Add Annotations, and other video management functions.
- Video Player:** A large video player titled 'finalVideo.mp4' showing a scene of a parking garage with bicycles and people. Below the main player are four smaller thumbnail videos showing different angles of the same scene.
- Video Controls:** A playback bar at the bottom showing the video is at 0:00:00 / 0:01:00.



Merge Videos Action (3 videos)

The screenshot displays the OpenContent Management Suite (OCMS) interface. The browser address bar shows a local host URL. The top navigation bar includes links for Search, Collections, Dashboard, Create Wizard Form, and Create New Folder. The user is logged in as 'admin'.

The main content area is titled 'Claim' and shows 'Folder Properties' for a specific claim. The properties include Claim Number (000002), Policy Number (172996), and Policy Year (2019). Below the properties is a list of 'Actions' for the folder, including View Properties, Property Integrity Check, View All Documents, View Folder Terms, Add Documents, Folder Notes, Send Email, Export Folder, Add Video From Map, and Delete Document.

The 'Related Objects' section shows 'Folder Contents' with two items: 'Supplemental' and 'Video'. The 'Video' item is highlighted, indicating it is the selected object.

The video player shows a merged video titled 'Merged Video-Tue Mar 26 2019 8-02-17.mp4'. The video is currently at 0:00:25 / 0:00:25. The video content shows a person walking in a parking garage, with bicycles parked in the background.



What's left to do?

- UI Enhancements
- Additional client personalization with admin configurations
- Blackout videos upon completion in merged video



Questions?

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