

**MICHIGAN STATE**  
**UNIVERSITY**

# Alpha Presentation

## Volunteer Onboarding and Patient Visit Management

### The Capstone Experience

Team Technology Services Group

Lazaro Cruz  
Genya Dobrev  
Will Giger  
Jacob Harris  
Xiaokuan Zhang

Department of Computer Science and Engineering  
Michigan State University  
Spring 2020



*From Students...  
...to Professionals*

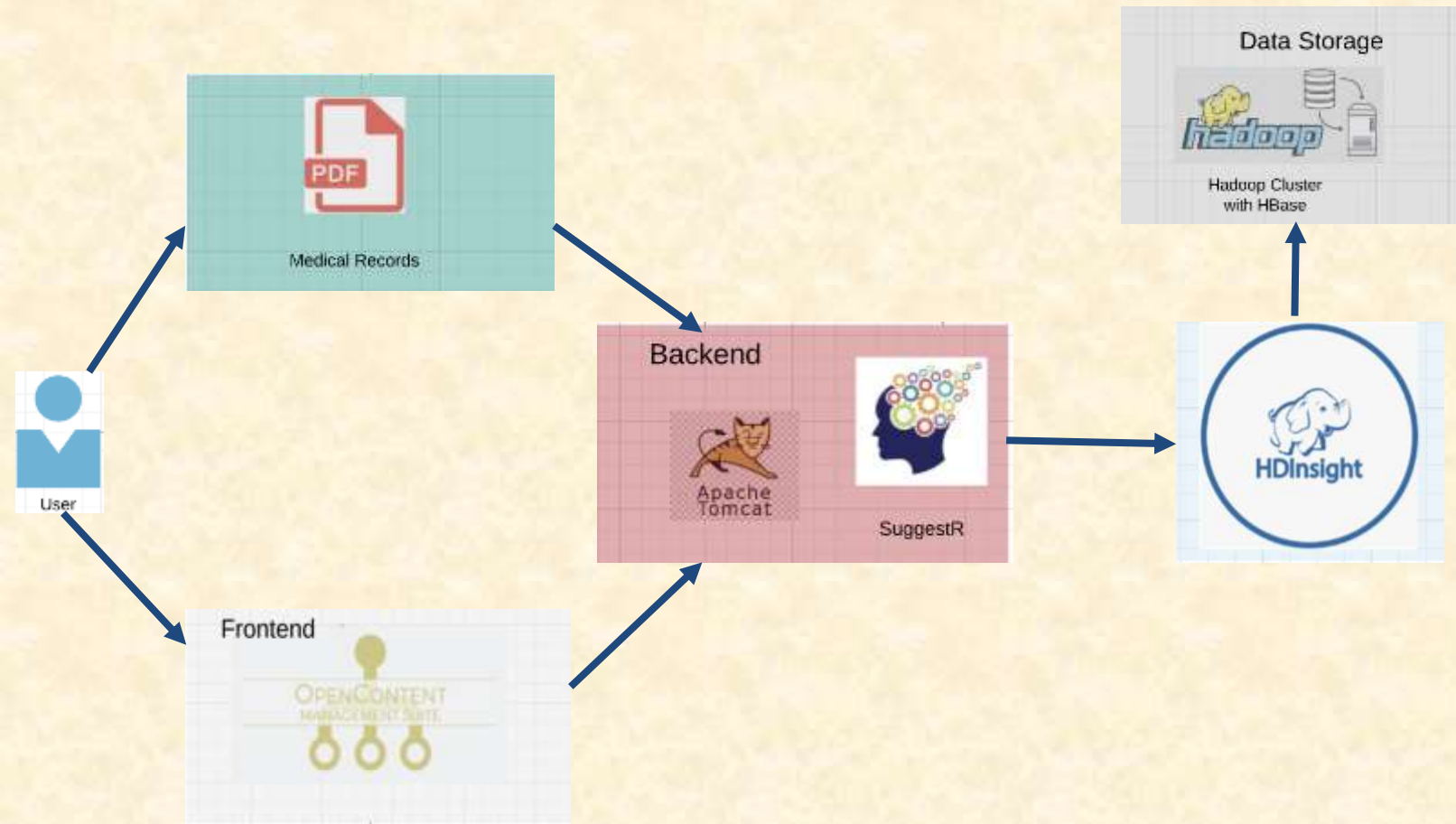
# Project Overview

---

- Digitize the onboarding process for new employees
- Automate the expiration process for patient visits
- Display the outstanding required employee documents
- Track visits on a monthly basis



# System Architecture



# Dashboard

The screenshot shows a web browser at localhost:8080/ocms/dashboard. The navigation bar includes 'Search', 'Collections', 'Dashboard', 'Create Wizard Form', 'Create New Folder', 'Add Document(s)', 'Create Placeholder Document(s)', and user information 'Hello, admin admin' with 'Sign Out' and 'Admin' buttons.

### Wizard Inbox

My Tasks 0 | Group Tasks 0

Prev [ ] Next | 10/Page | Filter

Form Name	Task	Date Started	Workflow Docs
-----------	------	--------------	---------------

### Recent Objects

Name ↓

- Bob Smith
- sdffsdf\_75df22bb-c252-49dc-96c9-ab71883703b3
- MyNewWebForm
- WebForm03\_bb0ababf-1123-4750-a690-4280706fbc7a
- wizard

### Required Documents

Document	Count
Resume	7
w-3	1
w-4	1

### Required Participant Documents

All Required Tags Completed



# OCMS searching

The screenshot displays the OCMS search interface. At the top, a navigation bar includes links for Search, Collections, Dashboard, Create Wizard Form, Create New Folder, Add Document(s), and Create Placeholder Document(s). The user is logged in as 'admin admin' and has options to Sign Out or Admin.

The search results section shows 3 results. The search criteria are: Participant - Visit Document, Full-Text Search, and Attribute Search. The search results table is as follows:

<input type="checkbox"/>	Name
<input type="checkbox"/>	Foster Visit
<input type="checkbox"/>	Foster Visit
<input type="checkbox"/>	Foster Visit

The search filters on the left include:

- Participant - Visit Document
- Full-Text Search
- Attribute Search
- Document Tag
- Participant Name
- Date of Birth
- Foster Family
- Foster Family Address
- Case Manager (Sara)
- Date of Program Entry



# Required documents

The screenshot displays the OpenContent Management Suite (OCMS) interface. The browser address bar shows the URL: localhost:7999/ocms/Stage/Patient/68b5fda8-0502-482e-ae08-0ce5a48fad2a-0.1?folderActionId=requiredDocuments. The user is logged in as 'admin admin'.

**Participant Information:**

- Default Label:** Default Label
- Name:** Bob Smith
- Modified:** 02-17-20 03:29 pm

**Actions:**

- Patient Folder Actions
- + Add Documents
- Required Documents:** (highlighted)
- Document Notes
- + Create Wizard Form
- View All Documents
- View Properties

**Required Documents List:**

- Visit Document1
- Visit Document2
- Visit Document3

Each document entry in the list includes a radio button, the document name, and a warning icon (exclamation mark inside a circle).



# Wizard form fill out

The screenshot shows a web browser window with the address bar displaying `localhost:7999/ocms/activeform/Foster%20Home%20Visit/new/0`. The browser's navigation bar includes a search icon, a menu icon, and a user profile icon. Below the navigation bar, there is a horizontal menu with the following items: Search, Collections, Dashboard, Create Wizard Form, Create New Folder, Add Document(s), Create Placeholder Document(s), Hello, admin admin, Sign Out, and Admin. The main content area is divided into two columns. The left column is a sidebar with a yellow header 'Visit Information' and a list of steps: A: FOSTER HOME, B. FAMILY, C. MEDICAL, D. SCHOOL, E.PSYCHOLOGICAL/PSYCHIATRIC, F. COURT & ADMINSTRATIVE CASE REVIEW, G.OTHER CONCERNS, and Signature. The right column is the main form area, titled 'FOSTER HOME VISIT' and 'Visit Information'. It contains three input fields: 'CHILD'S NAME: \*', 'FOSTER HOME: \*', and 'DATE \*'. At the bottom of the form, there are 'Previous' and 'Next' navigation buttons.

OpenContent Management Suite x +

localhost:7999/ocms/activeform/Foster%20Home%20Visit/new/0

Search Collections Dashboard Create Wizard Form Create New Folder Add Document(s) Create Placeholder Document(s) Hello, admin admin Sign Out Admin

Visit Information

A: FOSTER HOME

B. FAMILY

C. MEDICAL

D. SCHOOL

E.PSYCHOLOGICAL/PSYCHIATRIC

F. COURT & ADMINSTRATIVE CASE REVIEW

G.OTHER CONCERNS

Signature

FOSTER HOME VISIT

Visit Information

CHILD'S NAME: \*

FOSTER HOME: \*

DATE \*

Previous Next





# Generated HR Document form

The screenshot displays a web application interface for a Human Resource system. The main content area shows a document titled "Bob Smith Foster Home Visit". The document content is as follows:

UCP Seguin of Greater Chicago  
Children's Foster Care  
Home Visit Report

CHILD'S NAME: Bob Smith FOSTER HOME: Chicago Foster Home DATE 02-09-20

A FOSTER HOME	YES	NO	N/A
1. Was the child present in the foster home during the visit?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Did the case manager speak with the child alone?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
3. Were the services and concerns for the child discussed with the foster parent?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Were there any unusual incidents reported?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Did the foster home appear safe and appropriate?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
6. Was the clothing inventory performed during this visit?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>





# What's left to do?

- Create reporting/tracking feature for patient visit statistics
- Storing metadata for employees
- Enable the viewing of upcoming recertification deadlines
- Optimize OCMS for use with tablet/mobile devices



# Questions?

---

?

?

?

?

?

?

?

?

?

