

MICHIGAN STATE

U N I V E R S I T Y

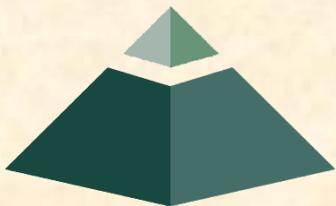
Alpha Presentation Auto-Owners

The Capstone Experience

Team Auto-Owners

Brian Jean
Tiezheng Shao
Joey Baum
Adam Leyrer
Richard Hutchins

Department of Computer Science and Engineering
Michigan State University
Spring 2019



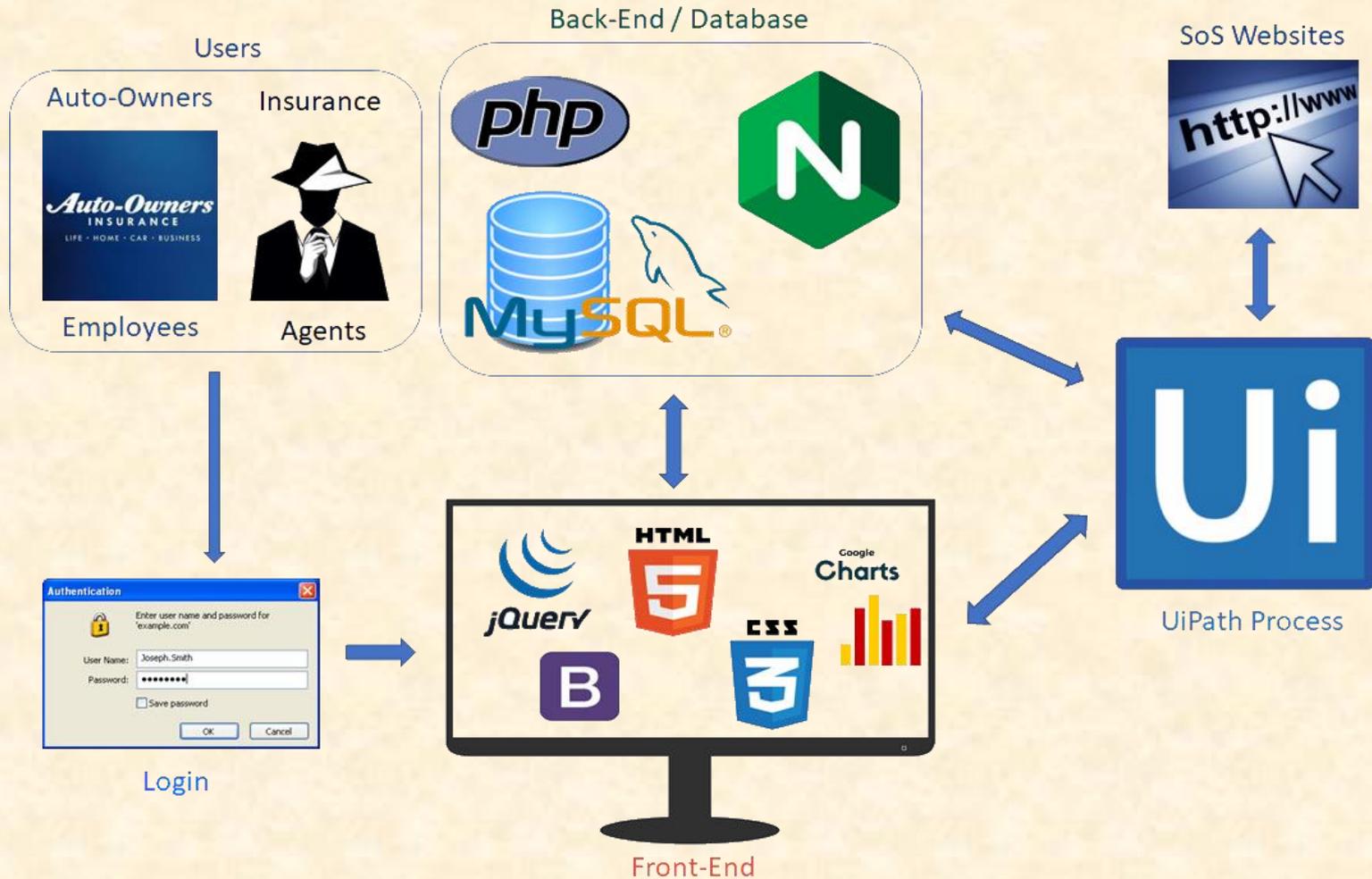
*From Students...
...to Professionals*

Project Overview

- Expedite Worker's Compensation Insurance Application Submission
- Reconcile Business Name Against Secretary of State
- Utilize Software Robots
- Provide Reporting Dashboard with Metrics



System Architecture



Agent Application Entry

The screenshot shows a web browser window with the URL <https://ao.cpp.moe/agent.php>. The page header features the Auto-Owners Insurance logo and the text "LIFE • HOME • CAR • BUSINESS". The main content area contains a form with the following fields and buttons:

- Business State:** A dropdown menu with "Select A State" selected.
- Named Insured:** A text input field containing "Name Insured". Below it is a blue button labeled "Verify Against the SoS Database" with a question mark icon.
- Doing Business As:** A text input field containing "Doing Business As". Below it is a grey button labeled "Add Another DBA".
- Officers:** A section with two text input fields: "First Name" (containing "First") and "Last Name" (containing "Last"). Below these is a grey button labeled "Add Another Officer".
- FEIN:** A text input field containing "FEIN".
- Submit:** A blue button.
- Sign Out:** A blue button with a plus icon, located at the bottom center of the page.



Underwriter Application Portal

The screenshot shows a web browser window with the URL <https://ao.cpp.moe/underwriter.php>. The page header features the Auto-Owners Insurance logo and the text "LIFE · HOME · CAR · BUSINESS". Below the header, there is a section titled "Recent Applications - 26". This section includes a "Show 10 entries" dropdown and a search bar. A table displays the following data:

ID#	Business Name	State	FEIN	View
46	CITY OF PHOENIX MUNICIPAL CENTER CORPORATION	Arizona	02004319	View
47	Alaska Boat and Kayak, LLC	Colorado	87783D	View
48	CAR RENTAL, INC	Missouri	00382097	View
52	The Shoe Bar, Inc	Alabama	047-6034	View
53	AAA MountainWest, Inc.	Alaska	126497	View
54	FISH, LLC	Connecticut	0638713	View
55	A Forest Acre Inn LLC	Alaska	10064403	View
56	GENETIX MEDIA LLC	Michigan	801965944	View

Below the table, it says "Showing 1 to 10 of 26 entries" and includes "Previous" and "Next" navigation buttons. At the bottom of the page, there is a "Sign Out" button.



Application View

The screenshot shows a web browser window with the URL <https://ao.cpp.moe/underwriter.php>. The page header features the Auto-Owners Insurance logo and the text "LIFE · HOME · CAR · BUSINESS". The main content area is titled "Application Information" and includes a list of application details and a table of suggested names.

Application Information

Business State:	Michigan	FEIN:	801965944	App ID:	56
Name Insured:	GENETIX MEDIA LLC			Verified:	No
Officer First Name:	Nathan	Officer Last Name:	Jean		

Suggested Name	FEIN
<input checked="" type="checkbox"/> GENETIX MEDIA LLC	

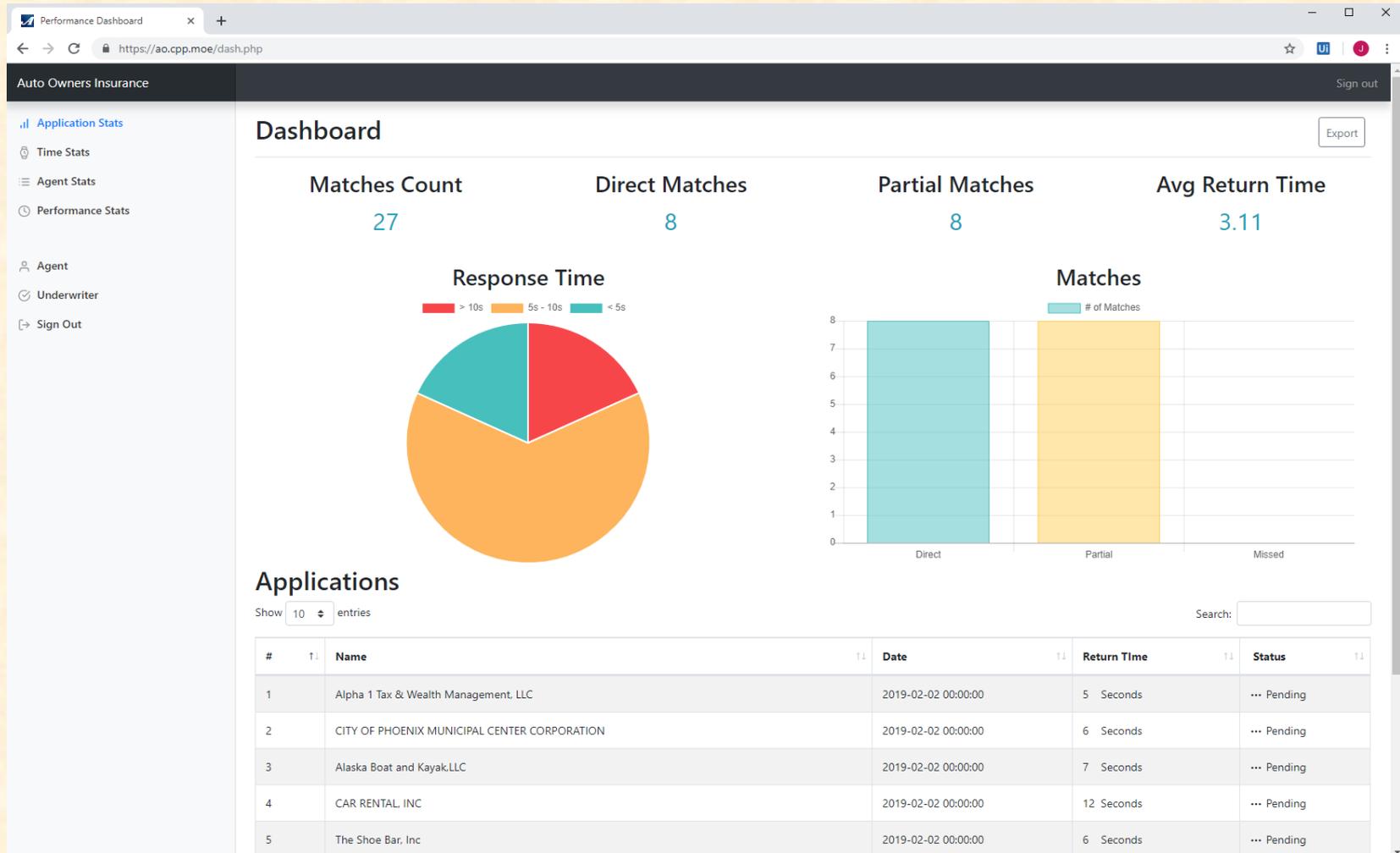
Search:

[Continue](#) [Search the SoS](#) [Display](#) [Verify](#)

[Sign Out](#)



Reporting Dashboard



What's left to do?

- Finish implementation for all for 50 states in UiPath
- Create timer to capture softbot run times for realistic data in reporting dashboard
- Add additional scraping features to softbot to grab more than just the company name



Questions?

?

?

?

?

?

?

?

?

?

