

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation

Integrated Analyst Ratings and Notes

The Capstone Experience

Team Principal

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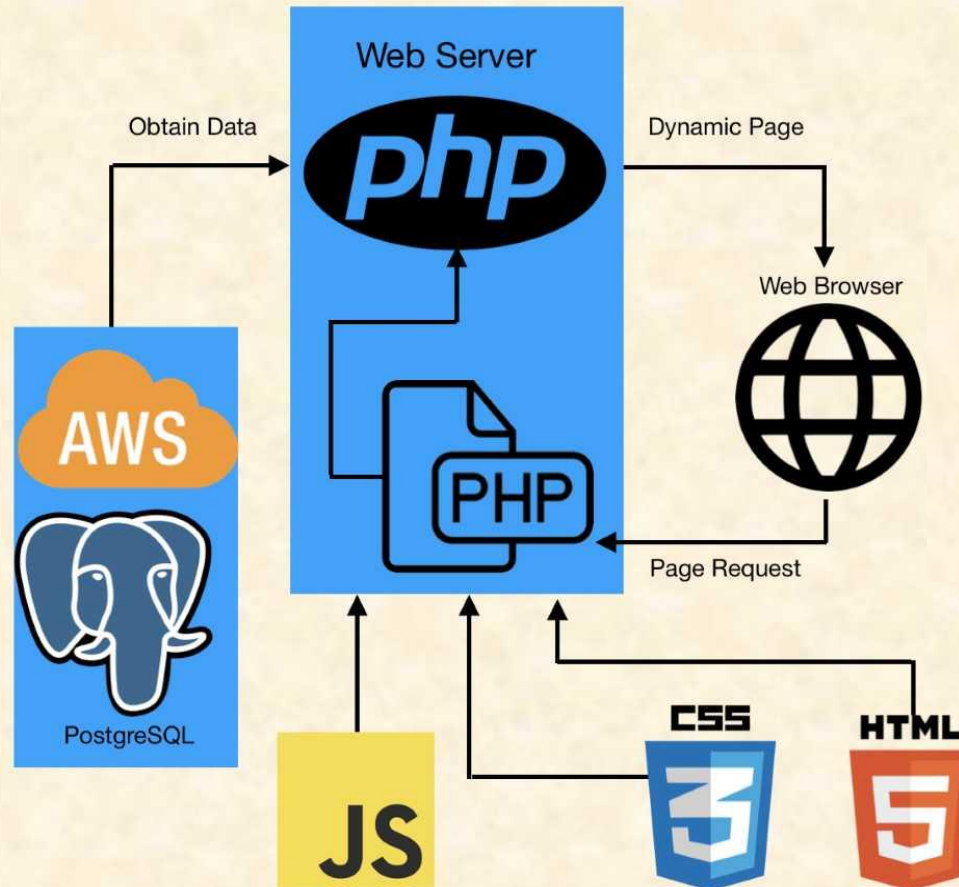
*From Students...
...to Professionals*

Project Overview

- Develop a web application for analysts to input context sensitive numerical ratings and prose notes
- Support intelligent distribution of the notes and ratings, and maintain both current and historical data
- Leverage cloud computing (Amazon Web Services)



System Architecture



Welcome Page

Welcome Page

localhost/welcome.php

PrincipalSM

Hello and welcome to principal!

Link	Company	Date
Link	Cisco Systems	2019-02-18 18:33:52
Link	Cisco Systems	2019-02-18 18:41:06
Link		2019-02-18 18:42:06
Link	Cisco Systems	2019-02-18 18:45:06
Link	Microsoft	2019-02-18 18:49:25

Company	Date	
Link	Cisco Systems	2019-02-18 18:33:52
Link	Cisco Systems	2019-02-18 18:41:07
Link		2019-02-18 18:42:06
Link	Cisco Systems	2019-02-18 18:45:06

- [Create New Rating](#)
- [Users](#)
- [Search](#)
- [Home](#)
- [Logout](#)

User Profile Page

The screenshot shows a web browser window with the address bar displaying 'localhost/profile.php'. The page header features the 'Principal' logo. The main content area includes a user profile card for Jacob Rieck, Technology Analyst, with links for 'My Reports' and 'Settings'. To the right is a vertical navigation menu with links for 'Create New Rating', 'Users', 'Search', 'Home', and 'Logout'. Below the profile card is a 'Subscription Management' section with a table of subscribed tags and a row of five buttons.

PrincipalSM

Jacob Rieck
Technology Analyst

My Reports Settings

[Create New Rating](#)

[Users](#)

[Search](#)

[Home](#)

[Logout](#)

Subscription Management

Subscribed Tags		
Tag	UnSubscribe	Email
Cisco Systems	<input type="checkbox"/>	<input type="checkbox"/>
Technology	<input type="checkbox"/>	<input type="checkbox"/>

29 1 1

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Enter PFFI Notes and Ratings

Rating Page

localhost/addRating.php

PrincipalSM

Technology: Company: CUSIP/CISN:

Decision: PGI Factor Score:

Fundamentals Total:

Revenue:
Leverage:
Profitability:
FCF Generation:
Credit Risk:
Quality of Management:
Environmental:
Regulatory:

Technicals

Event Risk:
Expected Issuance:
Rating Outlook:

[Create New Rating](#)

[Users](#)

[Search](#)

[Home](#)

[Logout](#)

Report Search

Search Page x +

localhost/search.php

PrincipalSM

Search

Search... Reports

Report ID	CUSIP/CISN	Company	Industry	Date	Total
33		Cisco System	Technology	2019-02-18 18:31:23	
34		Cisco Systems	Technology	2019-02-18 18:33:52	
36	172754587	Cisco Systems	Technology	2019-02-18 18:40:33	
37	12758903	Cisco Systems	Technology	2019-02-18 18:41:06	
39	172750984	Cisco Systems	Technology	2019-02-18 18:45:06	
41	17257569	Cisco Systems	Technology	2019-02-18 19:07:35	

[Create New Rating](#)

[Users](#)

[Search](#)

[Home](#)

[Logout](#)

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What's left to do?

- Create PGE notes and ratings template
- Perfecting web application frontend
- Implement attachment functionality
- Create a quick save functionality
- Copy functionality
- JavaScript improvements



Questions?

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