

MICHIGAN STATE

UNIVERSITY

Alpha Presentation

ERP Reserve Preservation Platform

The Capstone Experience

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Spring 2022



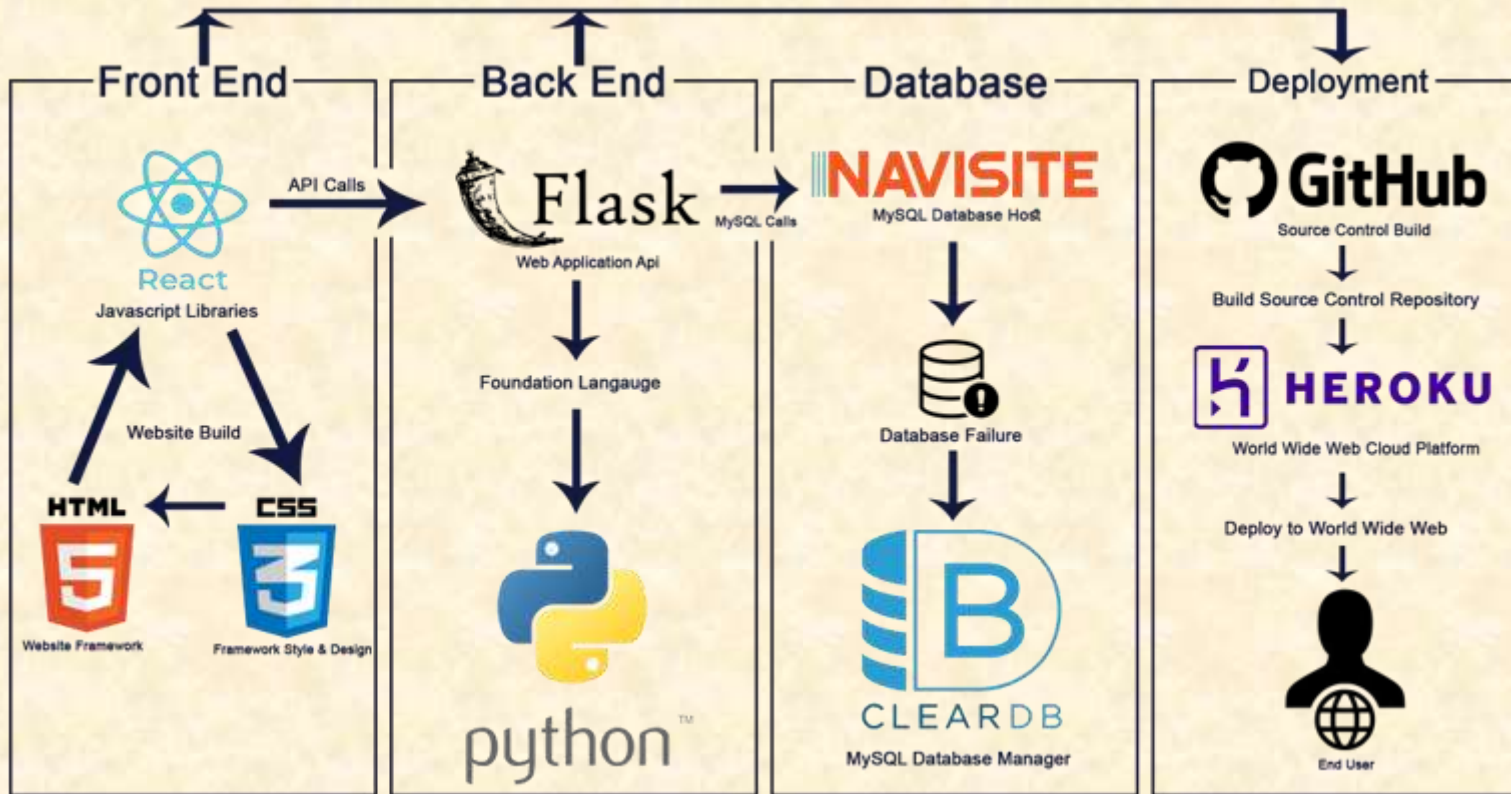
*From Students...
...to Professionals*

Project Overview

- Provide ERP with a platform that integrates all their security tools and reserve management systems in one user-friendly place
- Secure user authentication with a work scheduling system
- Quizzing system to test knowledge of those interested of being on the reserve
- Security alerts and security live stream footage and drone footage of the reserve available to rangers
- GPS tracking of elephants and rhinos can be viewed



System Architecture



Dashboard

Quiz Grade



Threats



Alerts



Scheduling System

ERP Dashboard Schedule Video Dummy admin@admin.com

< > today February 2022 month week list

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 • 12: All-Hands Meeting		2 • 2p: Risk Assessment I	3 • 12p: Camera Checks	4 • 3p: Team Meeting	
5	6 • 12: All-Hands Meeting	7 • 12: Out-of-Office	8	9	10 • 3p: Team Meeting	11
12	13 • 12: All-Hands Meeting	14 • 2p: Risk Assessment I	15	16 • 12p: Camera Checks	17 • 3p: Team Meeting	18
19	20 • 12: All-Hands Meeting	21 • Intern Introductions	22	23	24 • 3p: Team Meeting	25
26	27 • 12: All-Hands Meeting	28 • Intern Meeting	29 • 12: Out-of-Office	30 • 12p: Camera Checks	31 • 3p: Team Meeting	
3	4 • Vacation	5	6	7	8	9

Upcoming Events

- 2022-02-19
 - None
- 2022-02-20
 - None
- 2022-02-21
 - All-Hands Meeting at 8:00 AM
- 2022-02-22
 - Intern Introductions all-day
- 2022-02-23
 - None

Add Event



Quizzing System

ERP-RPP Dashboard Schedule Video Alerts Quiz admin@admin.com

You have completed the quiz.
You got 2 out of 4 questions.
You scored 50 out of 100.

All ▾

Q1: Which of the following is true?

Single Selection Pick 1

Elephants are social animals and Rhino are solitary

Elephants are solitary animals and Rhino are social

Elephants and Rhino are both social animals

Elephants and Rhino are both solitary animals



Video Player



Drone Footage 3



What's left to do?

- Wrap up all current systems(quiz, video, alerting)
- GPS tracking
- Live streaming
- Admin pages
- Logout flow



Questions?

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