Beta Presentation
ERP Reserve Preservation Platform

The Capstone Experience

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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 and train employees
• System to watch and store drone footage
• Security alerts for rangers on the reserve
• GPS tracking of elephants and rhinos with an embedded livestream
System Architecture
Dashboard
GPS Tracking and Stream
Video System
Quiz System
What’s left to do?

• **Features**
  ▪ Provide success/failure messages for systems that require user input
  ▪ Use authorization tokens instead of user ID in local storage for security

• **Stretch Goals**
  ▪ None

• **Other Tasks**
  ▪ Improve the code’s modularization for future groups that will take over
Questions?