Alpha Presentation
#BIKES4ERP Tracking Initiative

The Capstone Experience

Team Evolutio

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Project Overview

• Evolutio supports Elephants, Rhinos & People (ERP) on the #BIKES4ERP Initiative.

• #BIKES4ERP provides and maintains bicycles for students in Southern Africa, getting them to school faster and energized!

• The #BIKES4ERP Tracking Initiative consists of applications to streamline bike maintainence and organization.

• The applications predict bike breakdowns, needed parts, and help ERP Admins track the success of the program.
System Architecture

[Diagram showing system architecture with components like devices, server contents, cloud business logic, cloud function, cloud firestore, and web app frontend.]
Mechanic’s Bikes Page
Mechanic's Repair Request Tab
Mechanics Inventory Page
What’s left to do?

• Add Error Handling
• Filtering bike results
• Bikes assigned to specific users
• Notifications need to be added
• Implement Cloud functions
• Ordering parts functionality
Questions?