MICHIGAN STATE UNIVERSITY

Beta Presentation
#BIKES4ERP Tracking Initiative

The Capstone Experience

Team Evolutio

Caleb Duchan
Yash Sharma
Sam Peterson
Phillip Nguyen-Phan

From Students…
…to Professionals

Department of Computer Science and Engineering
Michigan State University
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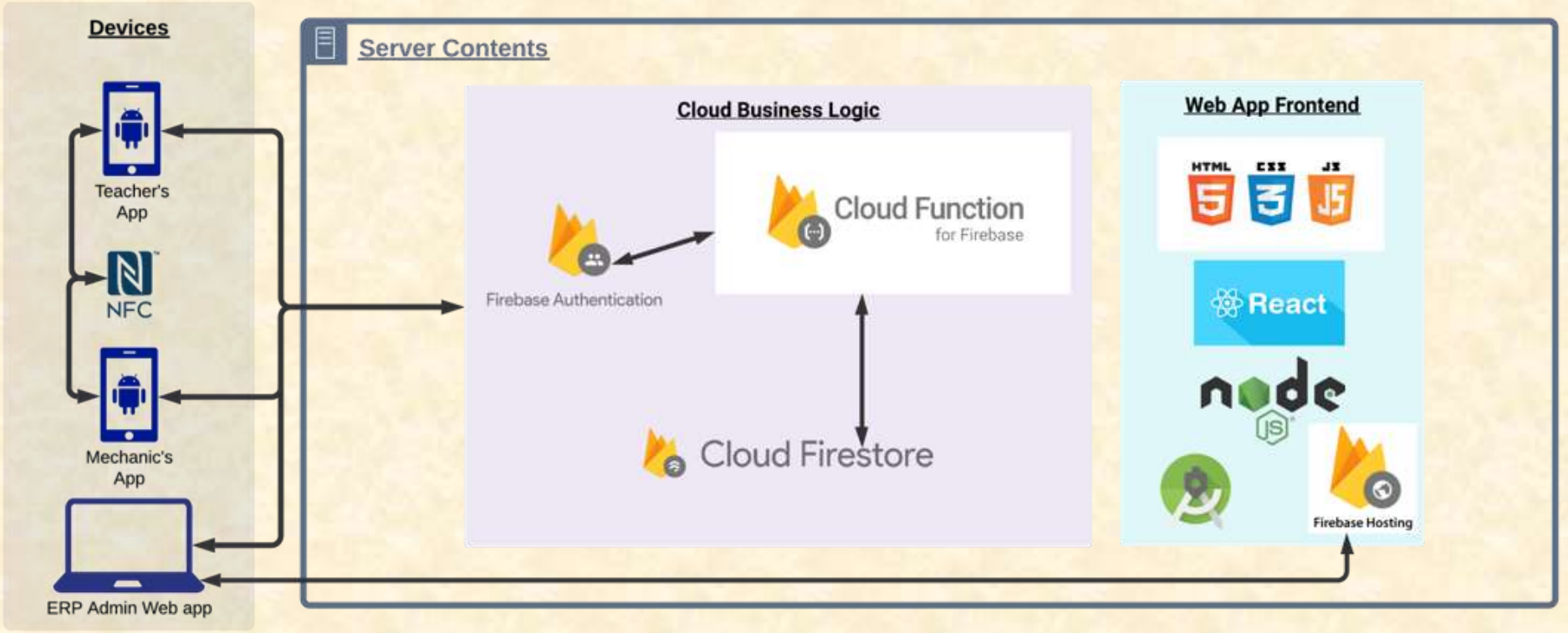
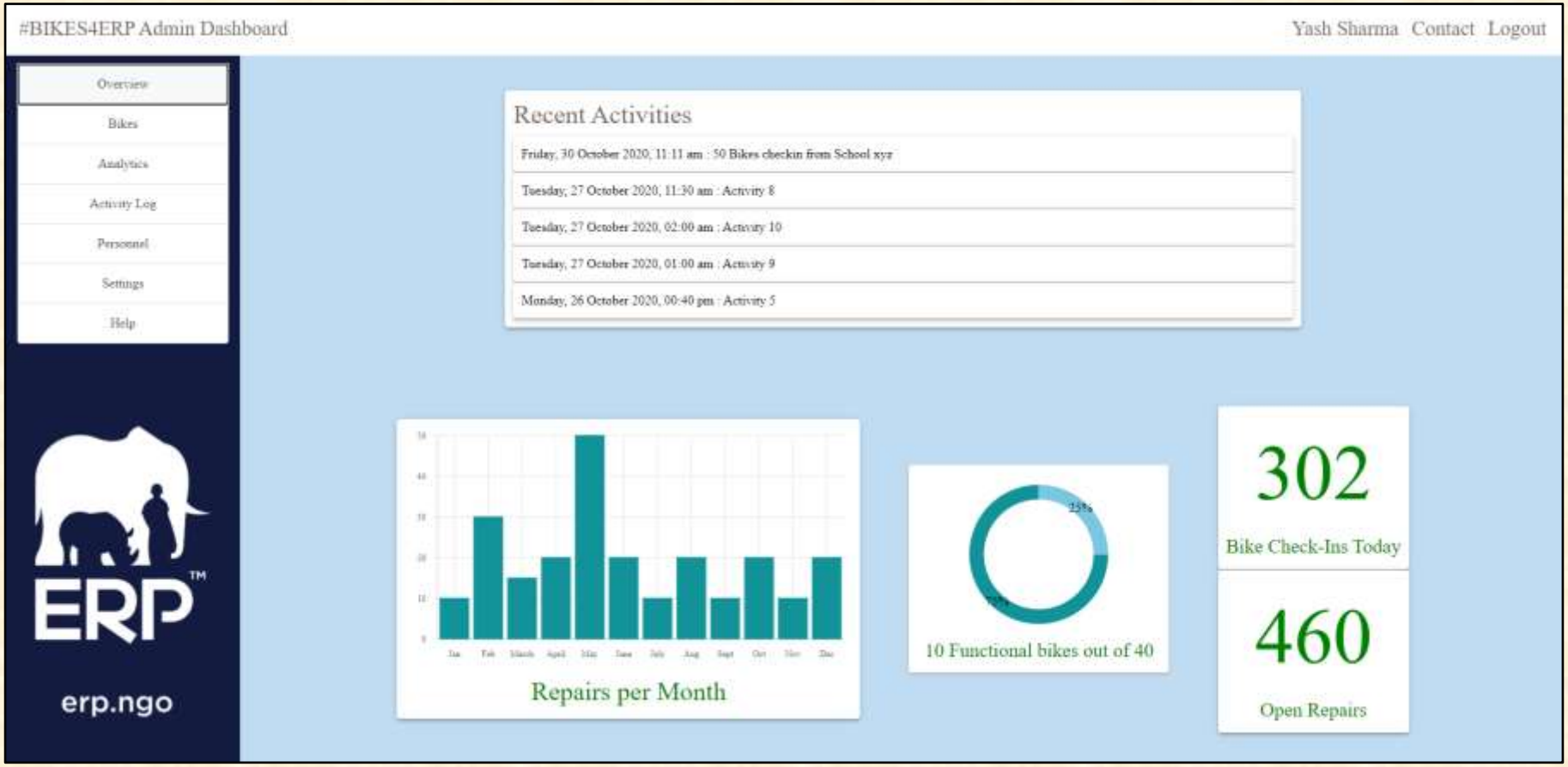
Project Overview

- 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 maintenance and organization.
- The applications track bike breakdowns, checkins, and help ERP Admins track the success of the program.

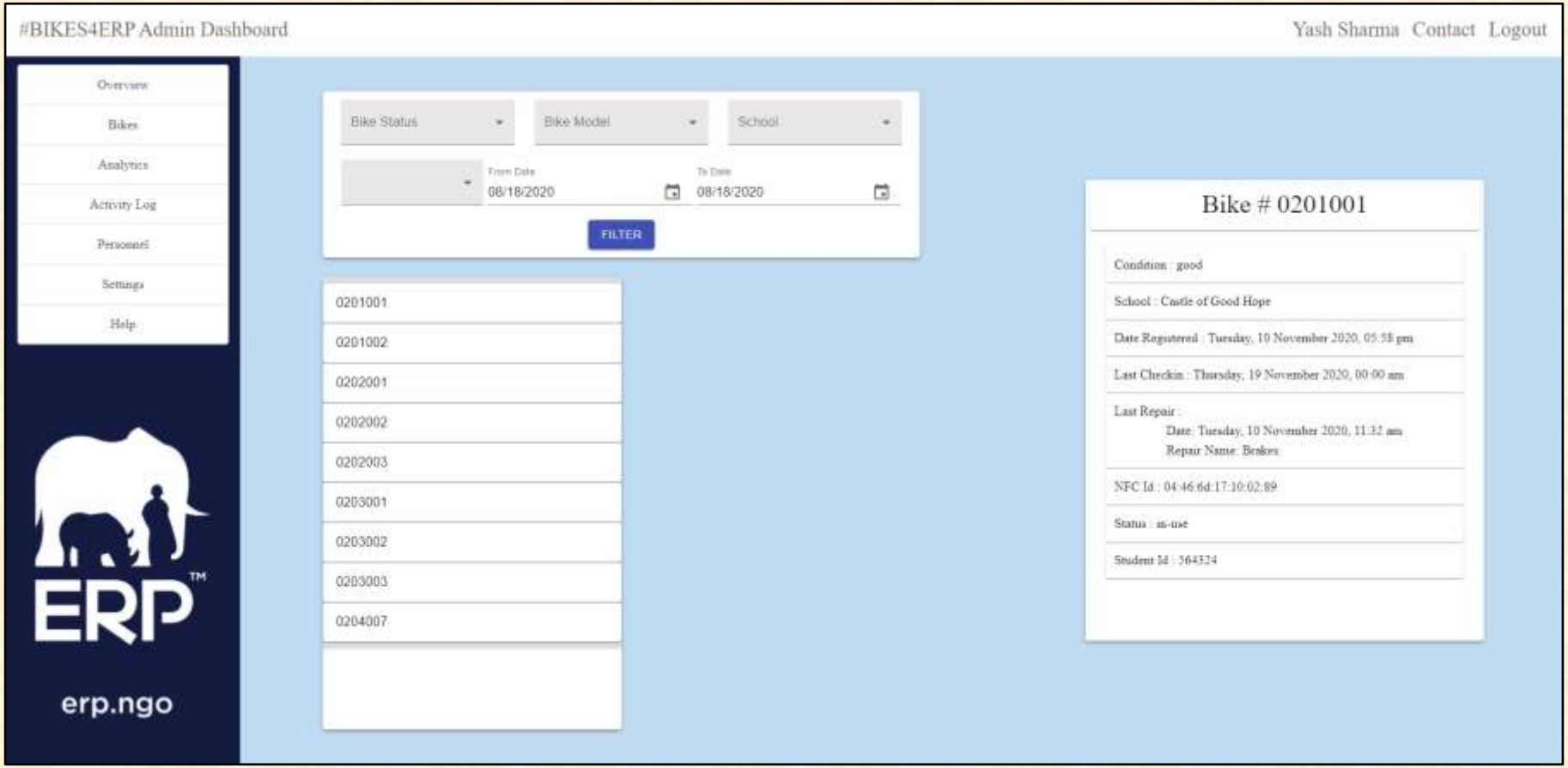
System Architecture



Website Overview Page



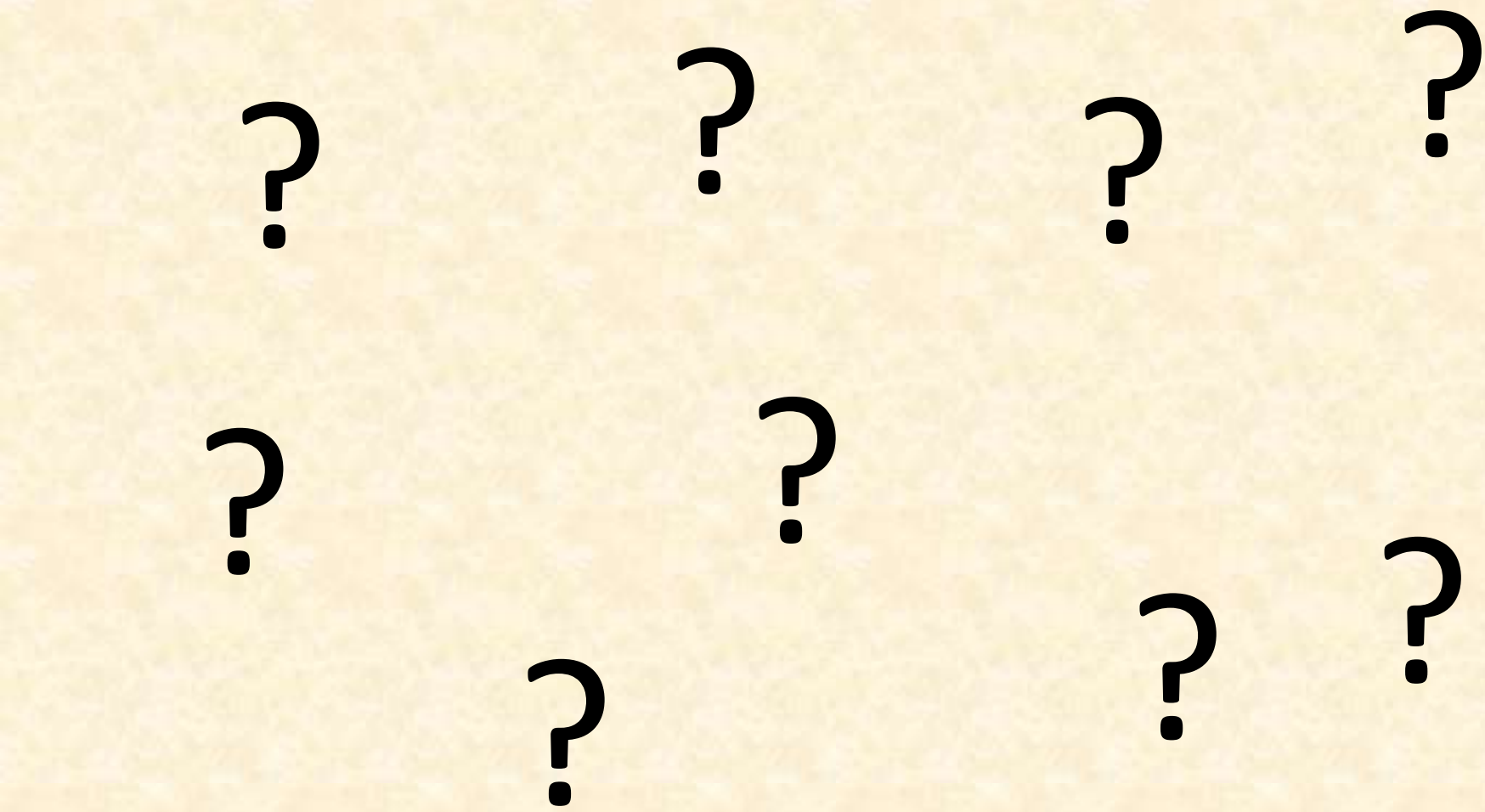
Website Bike Page



Mechanic App Inventory Screen

Mechanic App Repair Ticket Screen

What's left to do?

- Website
  - Add security rules
  - Complete Personnel Page
  - Implement ERP design system
  - Improve usability and visual design for ease of use
- Apps
  - More notifications to keep user informed
  - Sending out order bundles to ERP
  - Updating app UI based on ERP branding
  - Improve usability and visual design for ease of use

Questions?