Alpha Presentation
Stroodle: Learning Management System
The Capstone Experience

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Project Overview

• Learning management systems administer, track and deliver course materials and student work
• Popular LMS platforms struggle with complexity and ease of use
• Stroodle offers key features seen in other LMS platforms while simplifying the user experience
• Web and mobile application for students and instructors
System Architecture

Web Front End
- React
- NEXT

Back End
- node
- Express
- Auth0

Mobile Front End
- React Native
- Expo

User

Heroku

Google Cloud Storage

PostgreSQL
Course List
Course Page
Course Files

Introductory Physics
Dr. Robert Howard

Week 1
- Velocity and Acceleration Lecture Slides
- Homework 1

Week 2

Week 3

Week 4

Notifications
No New Notifications
Mobile App Course Page

Introducory Physics
Dr. Robert Howard

Announcements:
Reminder that Homework 5 is due on September 22nd!
We will be having an exam review session on September 24th covering Velocity, Acceleration, and Momentum problems.

Course Files  Quizzes
Grades  Discussion
Projects  Extra Resources

Quiz 5 Due
Homework 5 Due
What’s left to do?

• Event system
  ▪ For course calendar and event widgets
• Quiz creation and administration
• Gradebook for students and professors
• Instructor course configuration
Questions?