Alpha Presentation
Stroodle: Learning Management System

The Capstone Experience
Team Atomic Object
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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

User

Web Front End

+ React
+ NEXT

Back End

+ Node
+ Express
+ Auth0

Mobile Front End

+ React Native
+ Expo

PostgreSQL

Google Cloud Storage
Course List

- CSE 231 - Introduction to Programming
  Dr. Steven Vance
  The grades for project 3 have been released. Please take some time to review the feedback.
  Current Grade: N/A

- PHY 183 - Physics for Scientists and Engineers I
  Dr. Robert Howard
  Hey all, please remember to finish your quiz by this Wednesday! We will be starting a new unit next week.
  Current Grade: N/A

- MTH 133 - Calculus II
  Dr. Susan Springer
Course Page
Course Files

Introductory Physics
Dr. Robert Howard

Week 1
Velocity and Acceleration Lecture Slides
Homework 1

Week 2

Week 3

Week 4
Mobile App Course Page

Introductory 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?