Beta Presentation
Stroodle: Learning Management System

The Capstone Experience

Team Atomic Object
Jake Bosio
Gabrie Italia
Shachi Joshi
Sean O’Hare

Department of Computer Science and Engineering
Michigan State University
Fall 2021
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 is designed for a variety of institutions
• Web and mobile application for students and instructors
System Architecture
Student Dashboard
Course Page

Course Page

PHY 183 - Physics for Scientists and Engineers I

Class Files

Calendar

Grades

Projects

Quizzes

Assignments

Upcoming Events

Wednesday, November 17
12:00:00 AM
Homework #3 Due

Thursday, November 19
12:00:00 PM
Quiz 1: Velocity and Acceleration

Tuesday, November 25
12:00:00 AM
Homework #4 Due

Messages

Today at 5:20 PM
Welcome to Physics for Scientists and Engineers! I'm looking forward to meeting you all at our first lecture. Please take some time to browse the course page and familiarize yourselves.

Today at 5:20 PM
This week we will begin our discussion on position. I've posted the first homework assignment which will be due on Friday. Let me know if you have any questions!
Course Files

PHY 183- Physics for Scientists and Engineers I

Week 1
- PHY 183 Syllabus
- Introduction to Physics Slides
- Fundamentals of Position

Week 2

Week 3
- Force Example Illustration
- What is Force?
- Force Examples
- More Example Problems

Upcoming Events:
- Wednesday, November 17
  - Homework #3 Due
- Thursday, November 18
  - Quiz 1: Velocity and Acceleration
- Tuesday, November 22
  - Homework #4 Due
Mobile Dashboard
What’s left to do?

• Stretch Goals
  ▪ Improve mobile events widget
  ▪ Categorizing quiz deadlines

• Other Tasks
  ▪ Color coding courses
  ▪ Styling quizzes
  ▪ Consistent login page styling
  ▪ Mobile gradebook styling
Questions?