MICHIGAN STATE UNIVERSITY **Beta Presentation** clUML: A Browser-based UML Editor The Capstone Experience Team Michigan State University CSE **Colin Davidson Isabella Engelman Benny Schulz** Luke Soumis Cam O'Connor

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From Students... ...to Professionals

Project Overview

- Unified Modeling Language (UML) diagram editor embedded in a web page
- Made for CSE 335's CourseLib-based website
- Simpler and more customizable than Visual Paradigm; no academic license needed
- Students and instructors always interact with real UML diagrams instead of uploading screenshots of Visual Paradigm
- Supports assignments, quizzes, and demos

System Architecture



clUML in an Assignment Page

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	CSE335 Design 3: Page 1	
	Problem: Decorption: You are alked to write a program to track participants in the Joe Bucket Challenge. In this challenge precise make a donation to the ALS alsocation, then damp a bucket of the over their head. They then challenge others to also participate in the challenge.	
	Your program needs to keep track of the participants in the challenge. A person has a name, an amount of the datation they have made, and an indication if they completed the challenge. We keep track of the date of every challenge.	
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Inline Demo

clUML in a Quiz

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	CSE335 Design 3: clUML Quiz	
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Split Screen Demo

CSE335 Design 3: Page 3

Create an Object Diagram based on this Scenario: Taylor Swift contributed \$100 and completed the challenge on 8/16/14 she challenged Emma Stone and Selena Gomez. Selena Gomez completed the challenge and on 8/24/14 she nominated James Franco.

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Team Michigan State University CSE Beta Presentation

What's left to do?

- All features in project requirements implemented
- Stretch Goals
 - Diagram converter XMI (export from Visual Paradigm) to clUML
 - Team support
- Other Tasks
 - Bug fixes
 - Test rigorously build real diagrams on many different devices
 - Visual refinements

Questions?



Team Michigan State University CSE Beta Presentation