Beta Presentation

clUML: A Browser-based UML Editor

The Capstone Experience

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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

Front end (browser)
- HTML
- CSS
- JS
- clUML

Back end (server)
- Apache
- MySQL
- CourseLib
  - Core
  - clUML Support
cLUML in an Assignment Page
Inline Demo
clUML in a Quiz
Split Screen Demo

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.
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?