MICHIGAN STATE UNIVERSITY

Beta Presentation

clUML: A Browser-based UML Editor

The Capstone Experience

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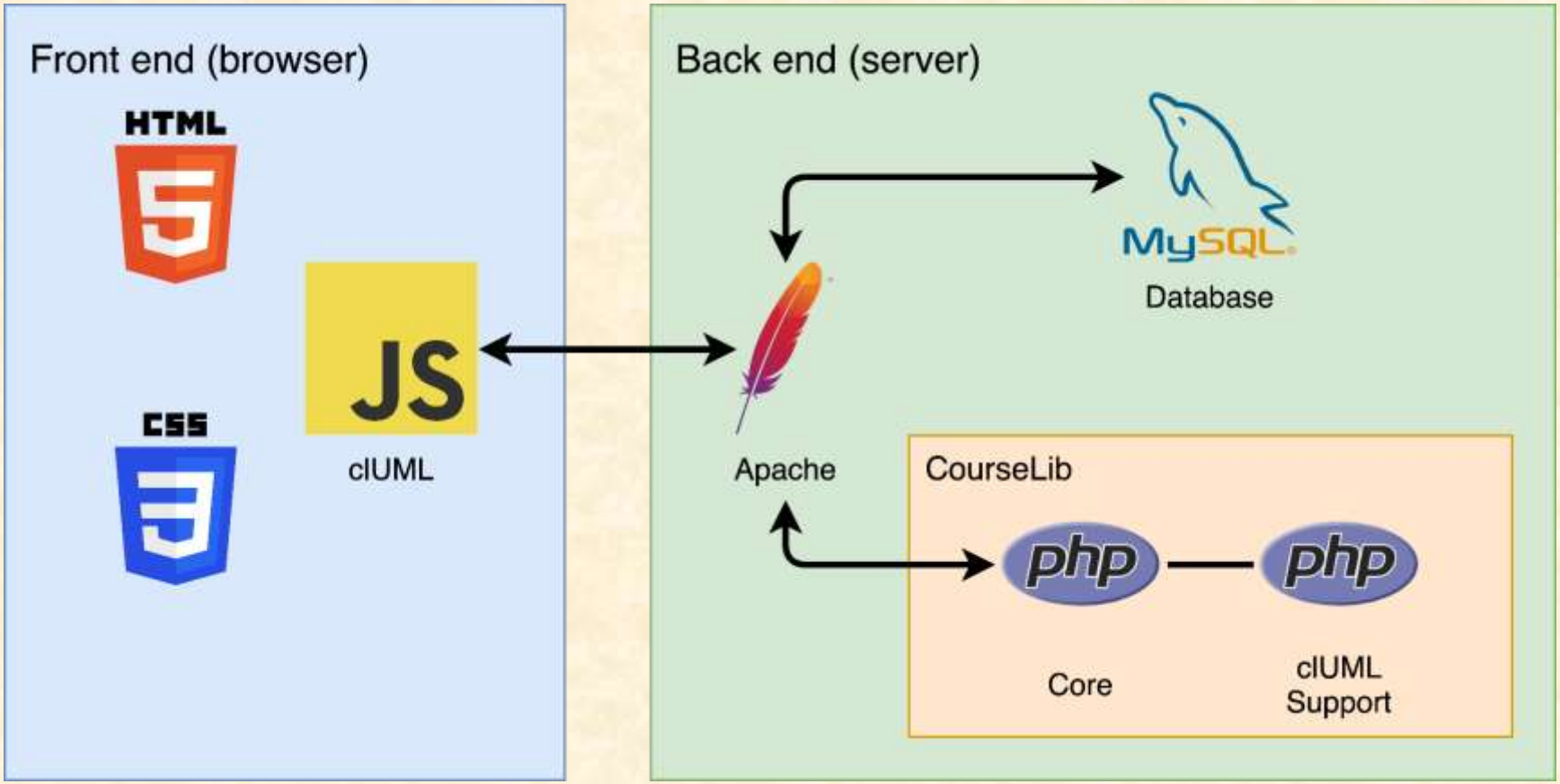
From Students…
…to Professionals

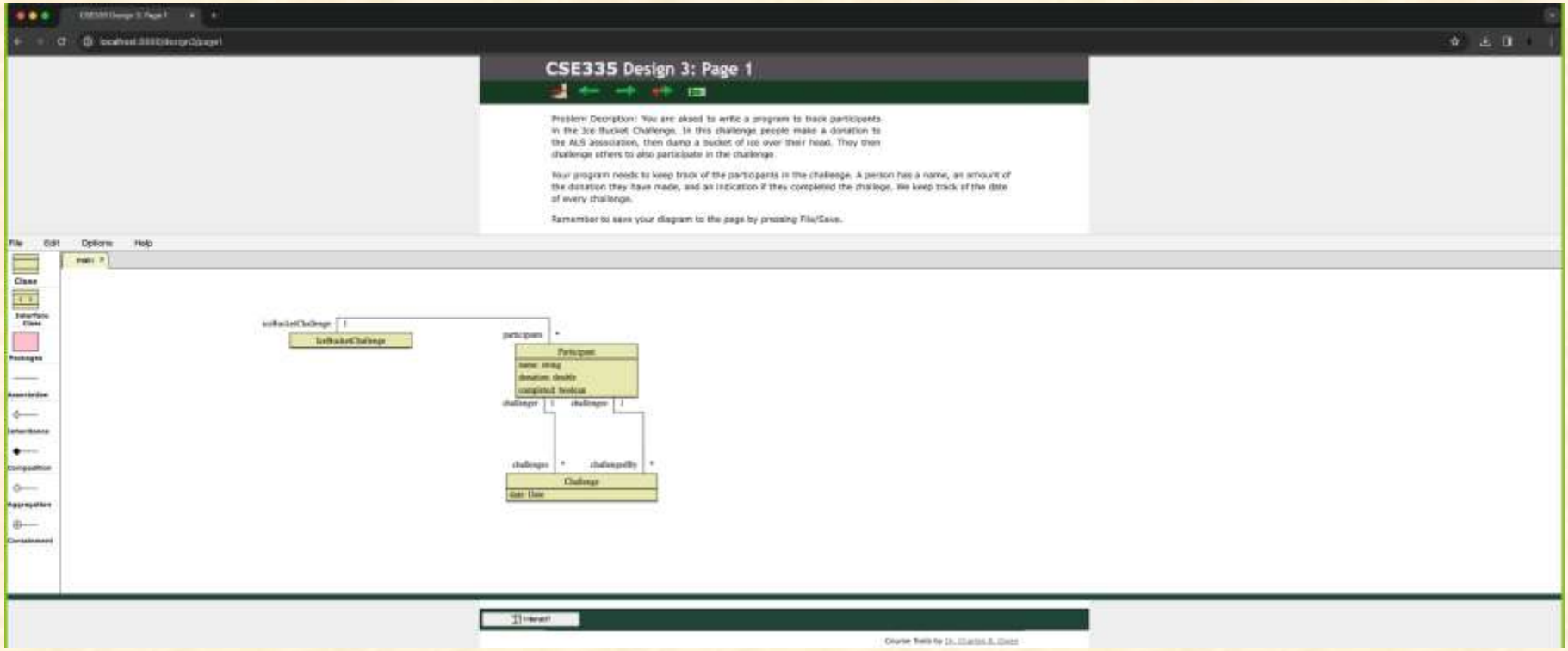
Project Overview

- 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

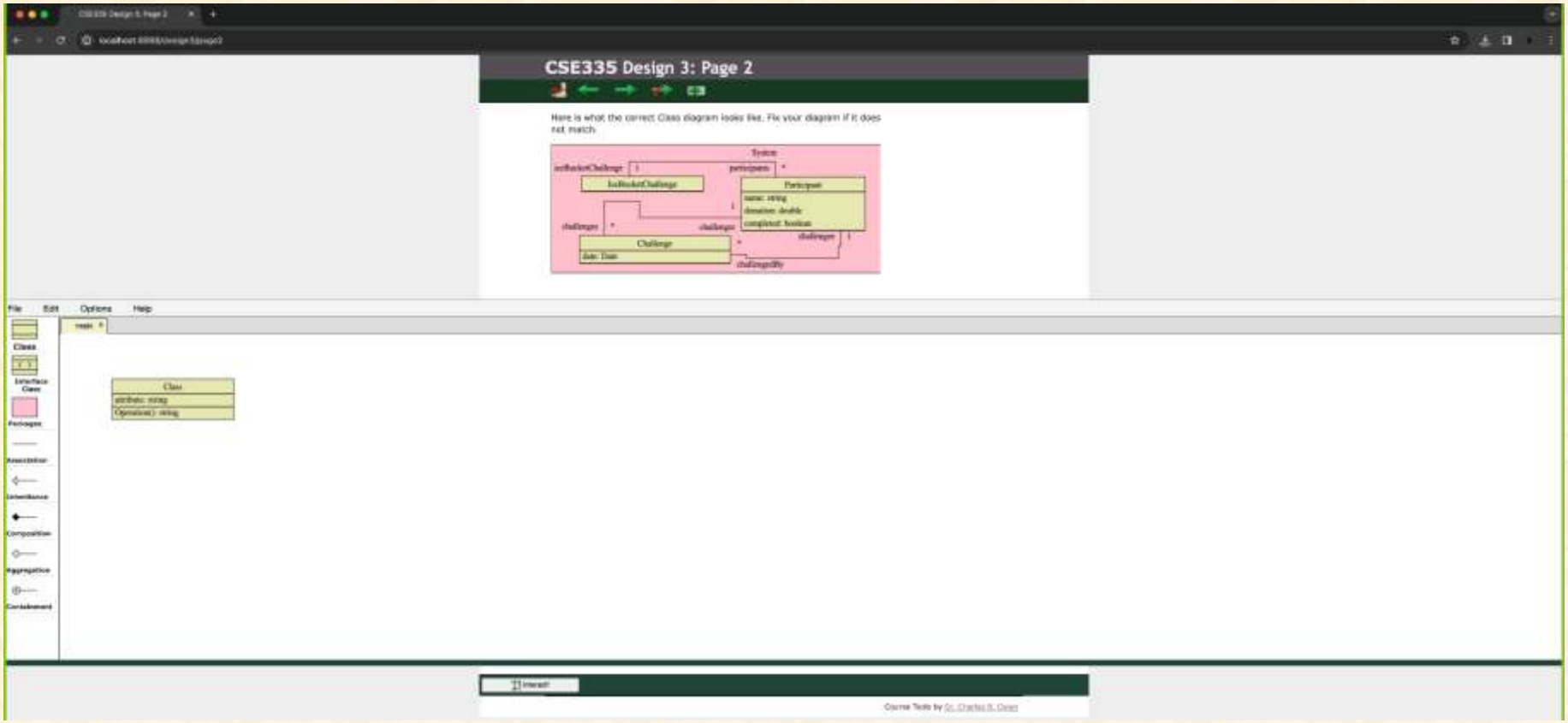
System Architecture



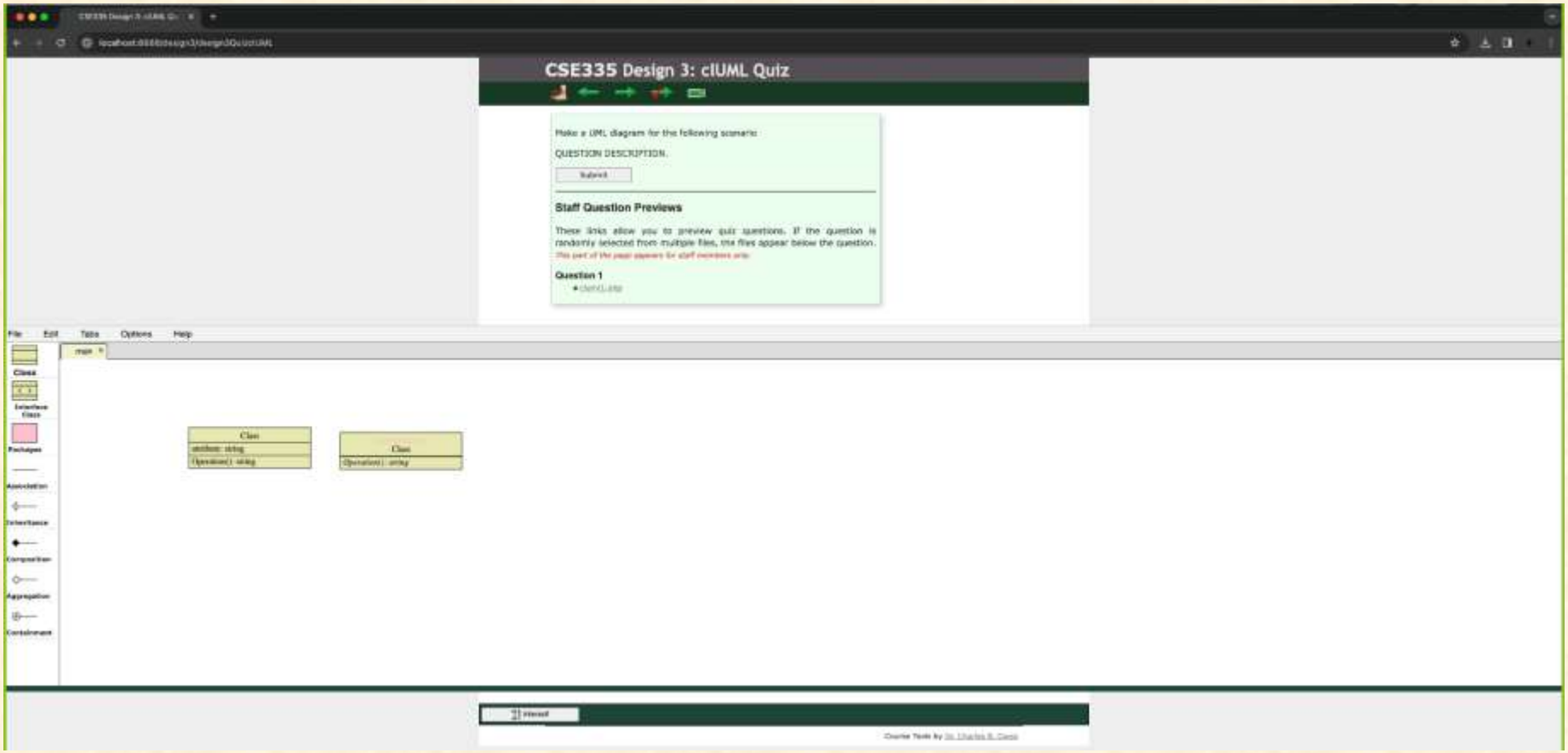
clUML in an Assignment Page



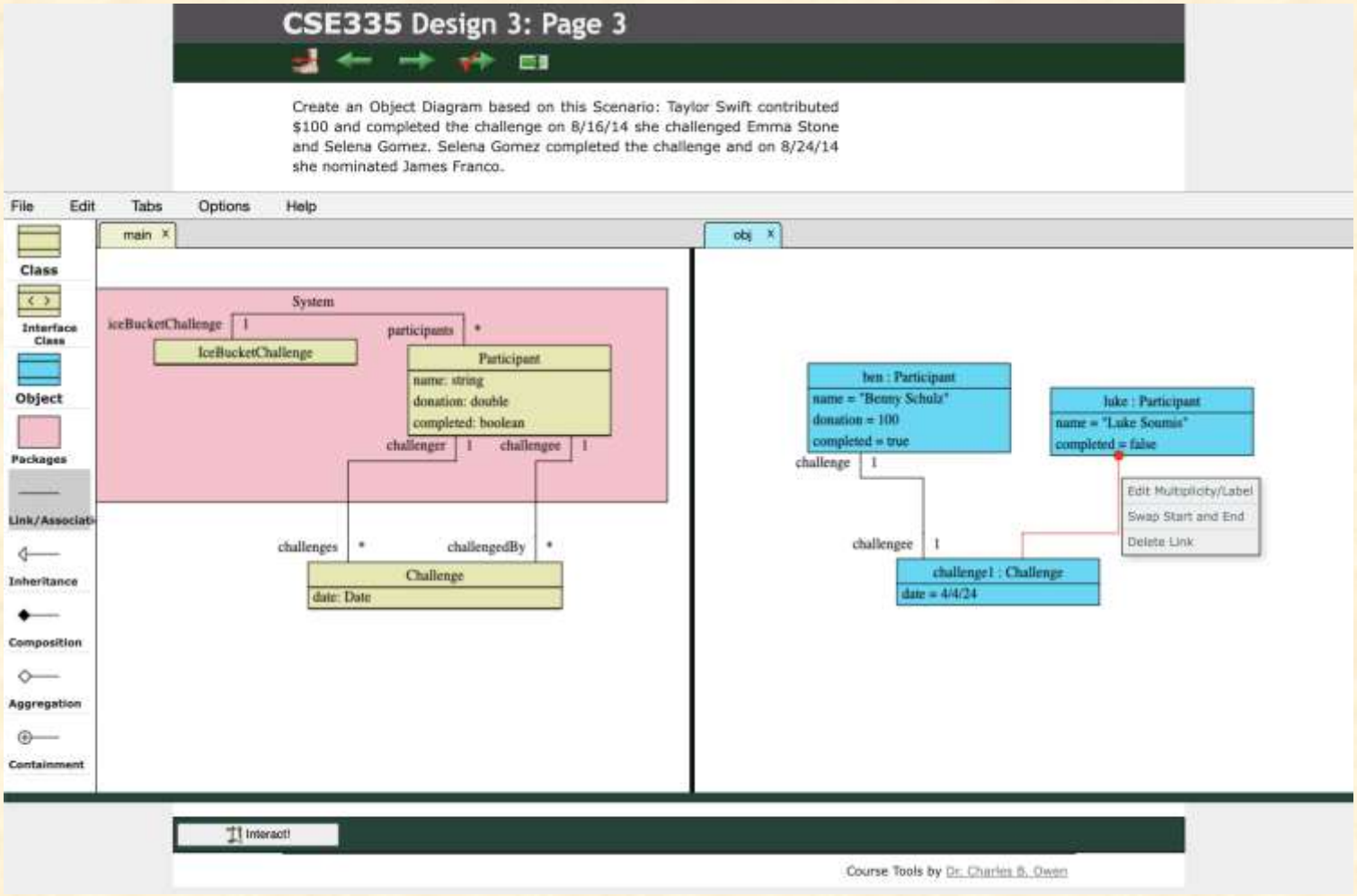
Inline Demo


CSE335 Design 3: Page 2
Here is what the correct Class diagram looks like. Fix your diagram if it does not match
File
Edit
Options
Help
Class

clUML in a Quiz



Split Screen Demo



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?