

# Beta Presentation clUML: Browser-Based UML Editor

The Capstone Experience

Team Michigan State University CSE

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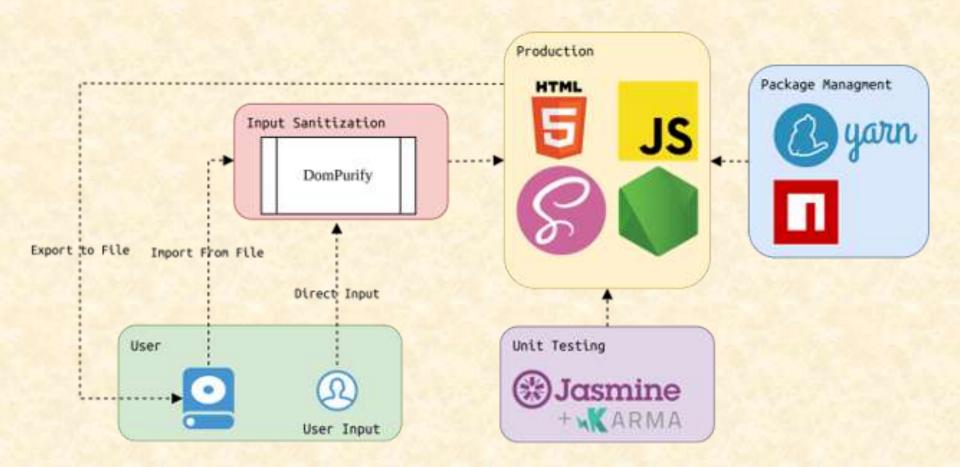
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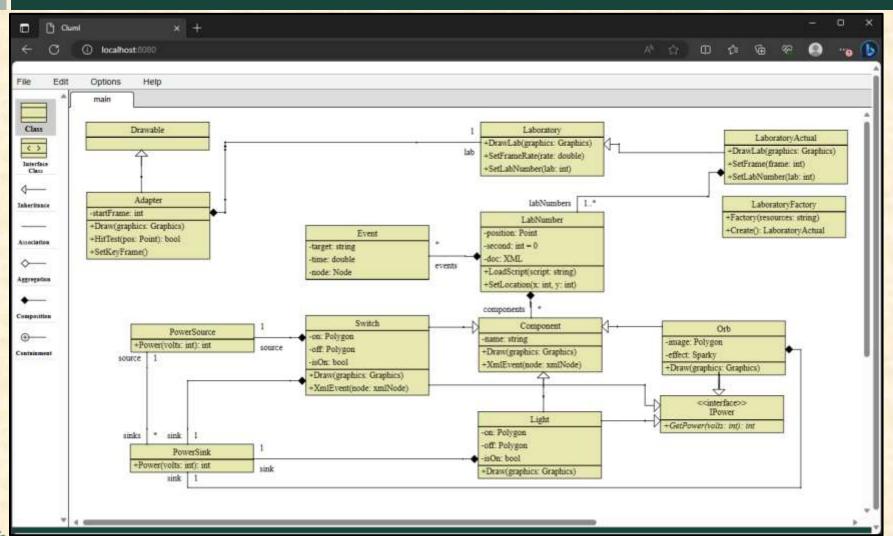
#### **Project Overview**

- An easy to use web-based UML editor created for Michigan State University CSE
- To be integrated in CourseLib websites and used in future courses
- Includes a sanity check for common mistakes
- Supports both mouse and touchscreen devices
- One of many interactive programs MSU CSE has created to facilitate student learning

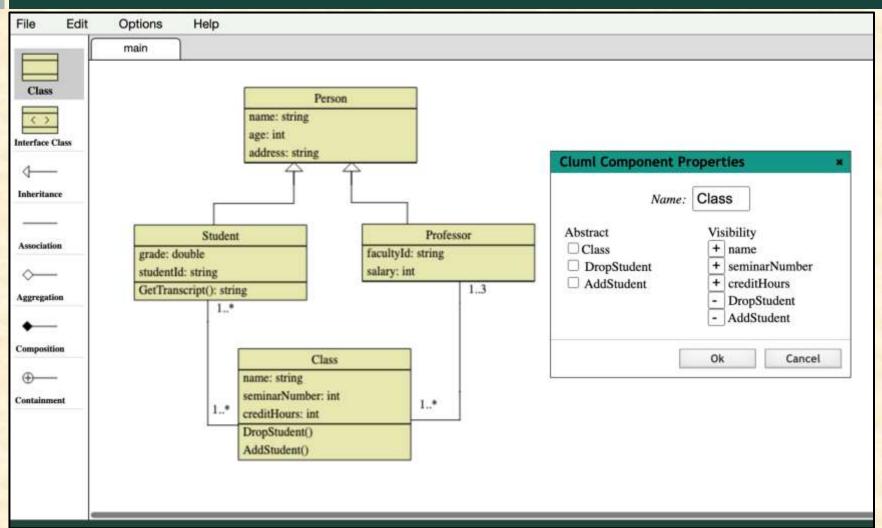
## System Architecture



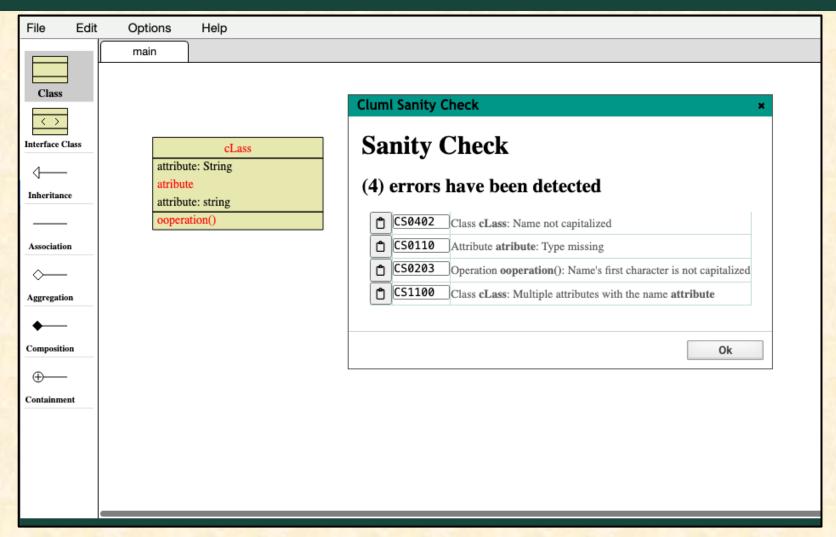
#### Overview



### **Properties of Classes**

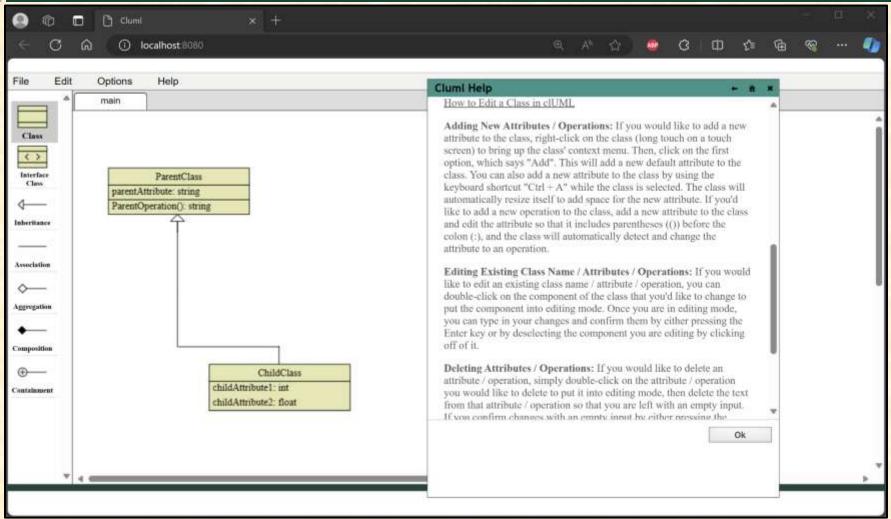


## Sanity Checking





### Help Sections



#### What's left to do?

- Stretch Goals
  - Allow changing the order of attributes and operations
  - Stereotypes and enumeration
  - Text comments on diagrams
  - Print only the contents of the canvas
- Other Tasks
  - Add manual way to resize classes
  - Finish unit testing for associations

#### Questions?

