

# IntelliHTML

Team 2:

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# Overview



- R1 to R2 Design Differences
- Choices in Design
- Strengths/Weaknesses
- Additional Features
- Unimplemented Features
- Demo

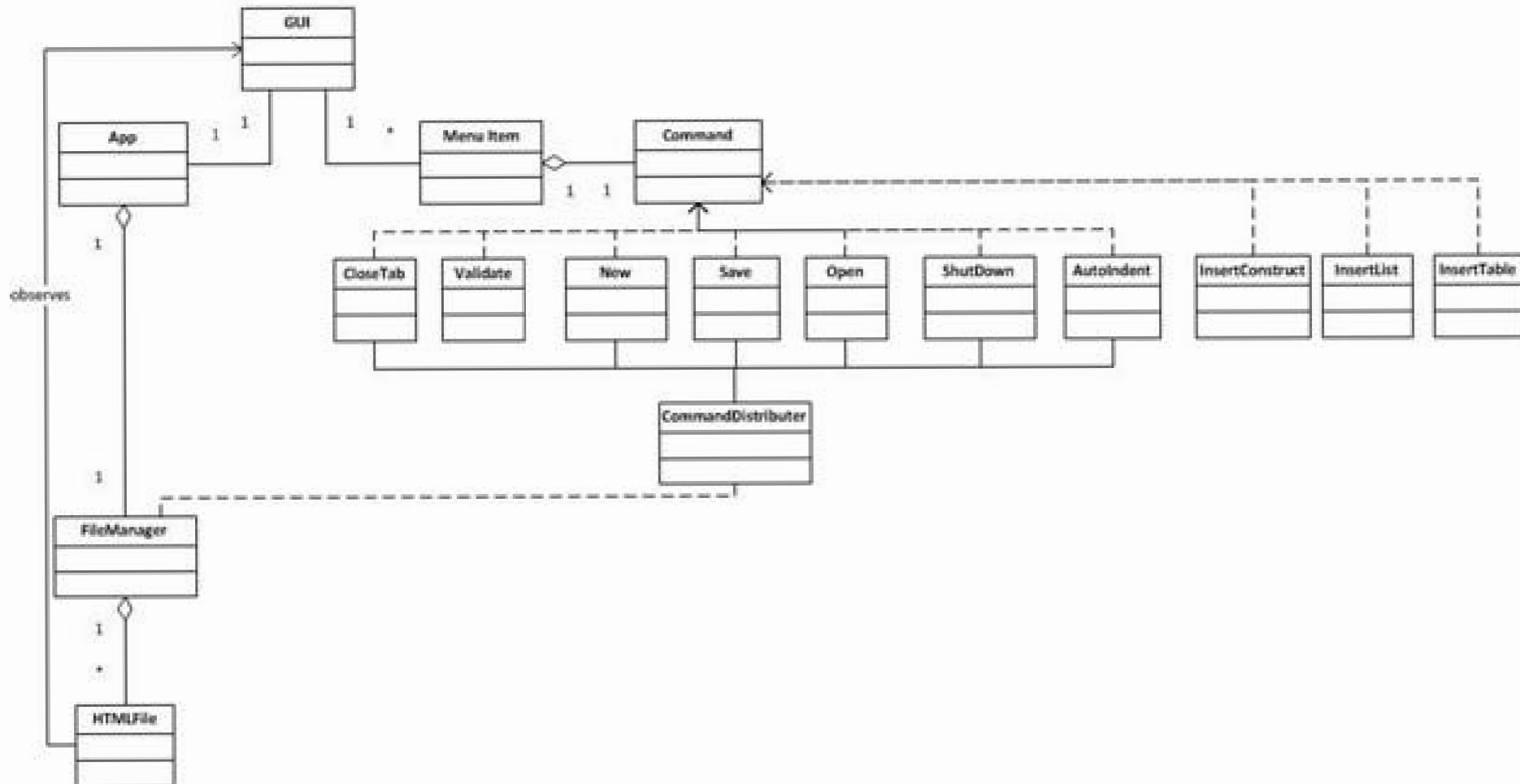
# Design Discussion

## Iterations

- R1 - Strong initial design
- R2 - New patterns implemented

# R1 Design

## Team #2 SE 362 - Unit 2 Project Fifth Design (03/25)



# Design Choices for R1

## Design Patterns

- Command
- Observer

# Difficulties Moving to R2

CommandMediator

Code Folding

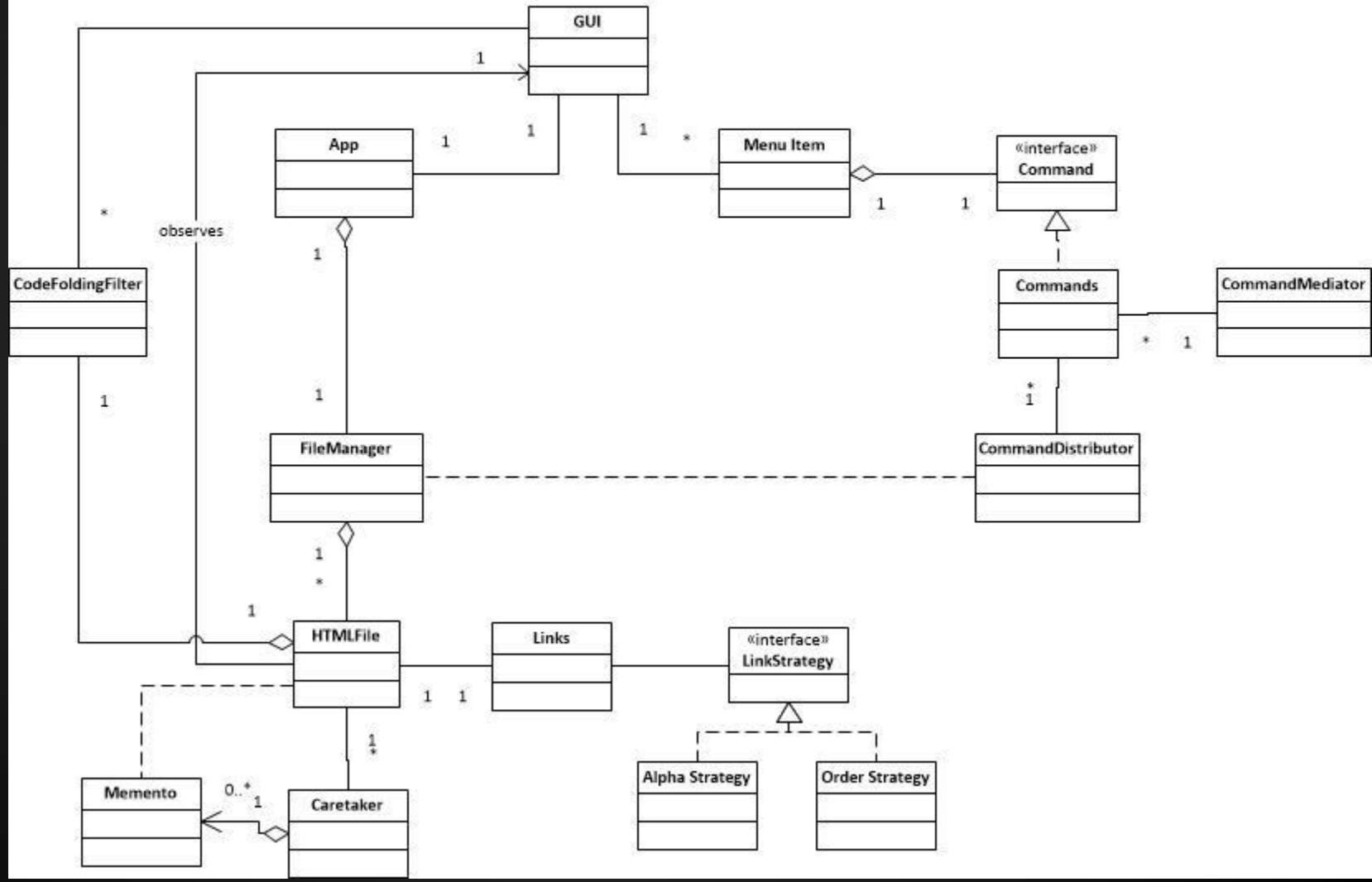
Design incompatible!

Spit out a prototype?

Java JRE Incompatibility

# R2 Design

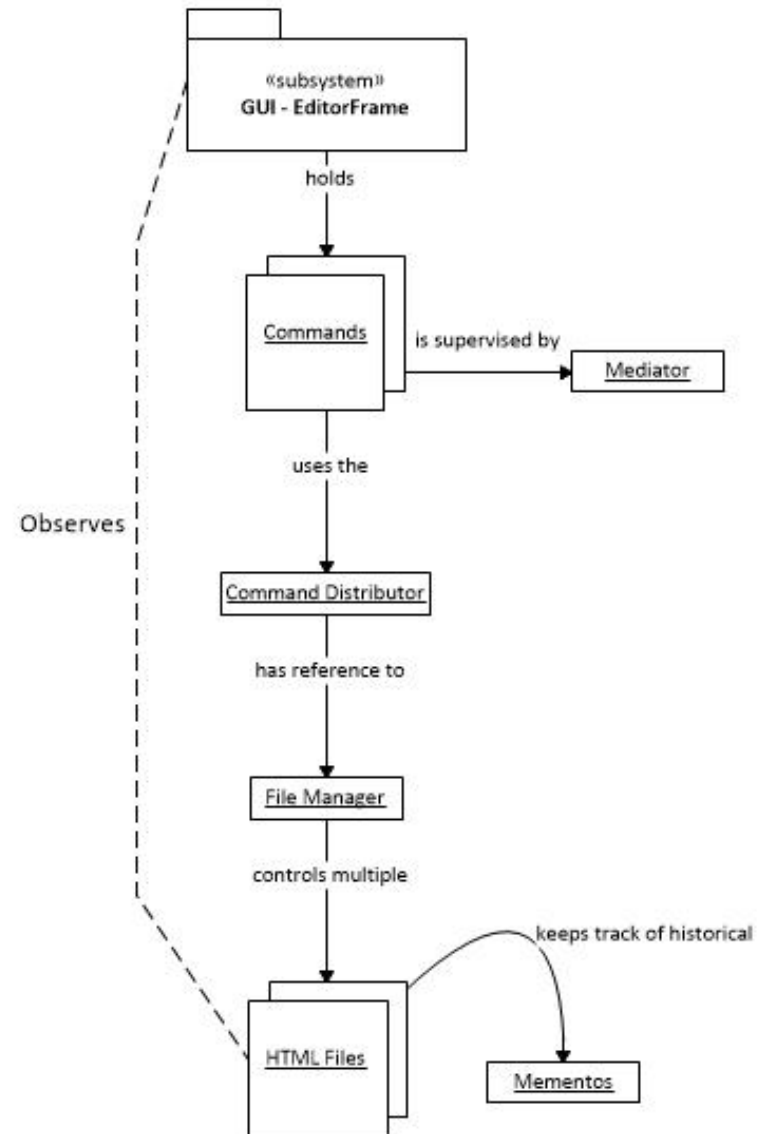
## Team #2 SE 362 - Unit 3 Project Second Design (04/11)



# Design Choices

## Design Patterns Added

- Strategy
- Mediator
- Memento





# Weaknesses from R1, how we improved them:

Lack of organization on GUI Class

- Added Tab Frame
- Added 'Context'

Code redundancy

- Command Mediator

# Weaknesses from R2

- Impromptu code folding
- Heavy coupling with the Mediator
  - Ultimately Increased command independence

# Strengths of current design

R1:

Proper use of patterns

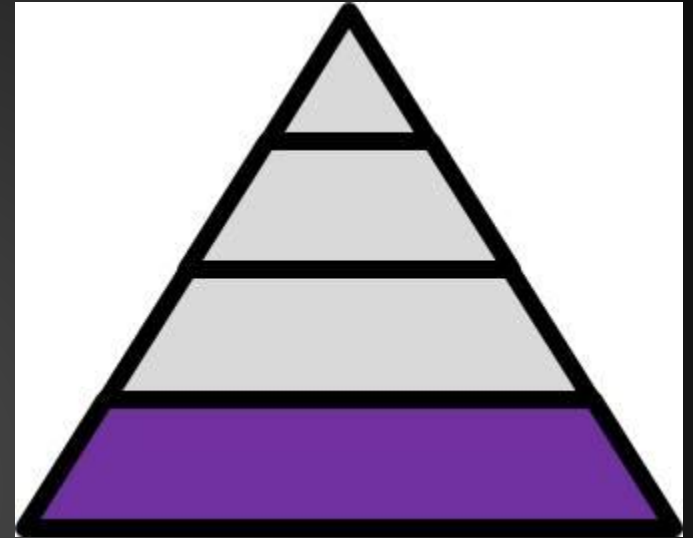
Reusable

No global variables

Proper Coupling

HTML File back end observing

Simplicity of the design



R2:

Same as R1 + more organization

# Additional Features

- 20 units of undo/redo stack
- Ability to redo
- Ability to close a tab
- Ability to render the HTML document
- Icons for usability

# Demo/Status

Implemented Everything but....

Same auto-wrap indentation as last time and  
if validation fails, outline mode shows nothing...

Let us show you...