Software Engineering PR280

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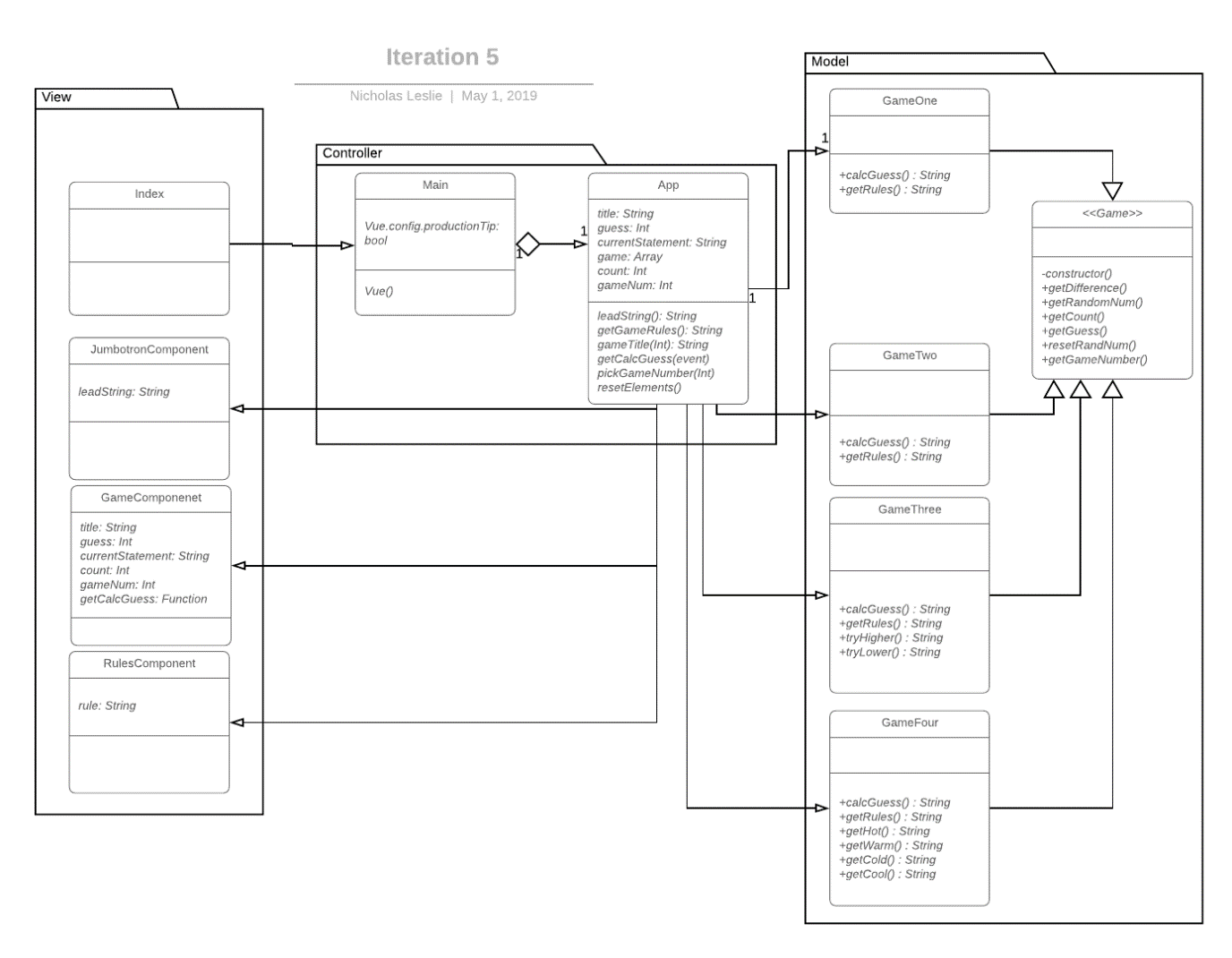
Iteration 5

Code can be found:

# Plan/Goal

* Complete Appendix Two, Task 4
* “Write a program to play a number guessing game. The USER mentally selects a number between 0 and 99 and the computer ties to guess it. The computer outputs its guess, and the User response with "COLD" if the guess is more than 40 from the target number, "COOL" if the guess is within 20-39 of the target number, “WARM” if the guess is within 10-19 of the target number, “HOT” if the guess is within 1-9 of the target number or “correct”. The computer should keep count of the number of guesses. The computer should complain if the USER has lied.”

# Design Level Class Diagram



# Plan for how the program feature of an iteration you are working will work

# Testing Planning

# StandardJS report

# Run the tests

# Error Log (With at least 5 errors)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1/05/2019 | 21 | 20 | Code | Compile | 2 | 21 | [Vue warn]: Error in data(): "TypeError: \_model.GameOne is not a constructor" - Need to export class |
| 1/05/2019 | 22 | 60 | Code | Compile | 1 | 22 | [Vue warn]: Invalid prop: type check failed for prop "guess". Expected Number with value NaN, got String with value "Cheating?". - String check (typeof/instanceof String) |
| 1/05/2019 | 23 | 80 | Code | Compile | 1 | 23 | [Vue warn]: Error in v-on handler: "TypeError: Cannot read property 'toString' of undefined" - Extra else statement needed to return string |
| 1/05/2019 | 24 | 70 | Code | Compile | 1 | 24 | [Vue warn]: Error in render: "TypeError: Cannot read property 'toString' of undefined" - Needed super(newGuess, gameNumber) |
| 1/05/2019 | 25 | 60 | Code | Compile | 5 | 25 | Endless Loop. Crashed browser. When check if number had been used before, if all numbers had been used then it would crash the browser. - Added check to prevent this |

# Process Improvement Proposal (With at least 5 PIPs)