

CPSC 224 Presentation

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Overview

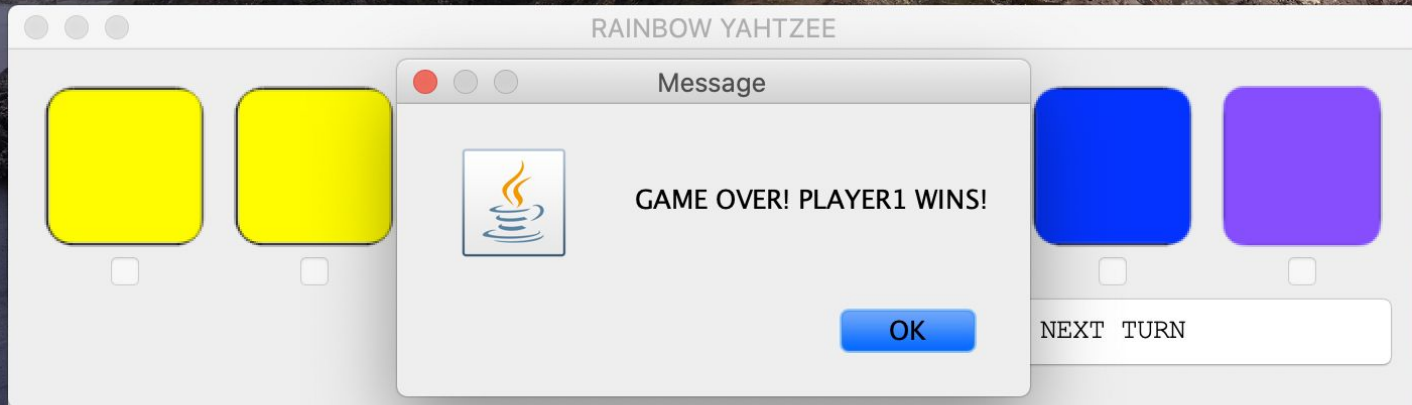
- Play a multiplayer game of Rainbow Yahtzee
 - A Version Of Yahtzee That Uses Colors Instead Of Numbers
 - Red-Violet (7 colors)
 - Similar Functionalities To Yahtzee
 - Round, Turn, Hand, Scorecard, etc.
 - Users Can Customize The Game To Their Liking Prior To Playing
 - # of Die, # of Players, # of Rolls Per Turn



Features

- Multiplayer
 - Default Single-Player, Up To 8 Players
- Number of Dice
 - Default of 7 Dice & Options of 10 or 12
 - Dynamic Scorecard
- Number of Turns
 - Default of 3 & options of 4 or 6
- Option to play again at the end of the game
- Displays the winner of the game
- Displays Scorecard





RAINBOW YAHTZEE

Message



GAME OVER! PLAYER1 WINS!

OK

NEXT TURN

PLAYER1 SCO...	
Line	Score

R	1
O	2
Y	6
G	12
B	5
I	0
V	0

Sub Total	26
Bonus	0

Upper Total	26

3C	35
4C	0
5C	0
6C	0
P	0
S	25
WP	30
CP	0
C	31
RB	0

Lower Total	121

Grand Total	147



Architecture and Design

- Inspired by Lizard Spock Yahtzee
 - Configure Game Before Starting
 - Multiple Predetermined Selections
- New Focus
 - Based Around Color Combinations
 - Primaries, Secondaries, Warm, Cold, Rainbow
 - Each Color Has a Value 1-7
 - New Way of Thinking About Yahtzee



Future Extensions

- Choose Colors
- Screen Color:
 - Turns Background Colors When Certain Criteria Is Met
 - I.E: Turns Background Warm Or Cold Colors Based On Hand
 - The Background Helps You Play The Game
- Add animations for rolling of dice



Demo

Time for demo!

