

User Story 106

Description

“As a user, I want to be able to see the solution to the puzzle so that I can see if my answers were correct”

Requirements

- The user should be able to see the answer to the puzzle at any time via a button press. Once the button is pressed the grid will be filled with the correct numbers

Acceptance Test Case

Instructions

1. Start application.
2. Choose the hard difficulty
3. Press solve button

Expected Results

1. A menu showing “easy”, “medium”, and “hard” game modes
2. Once the hard game mode is selected the respective 9x9 grid will be displayed
3. After clicking the solve button the grid should fill every cell with the correct number

Screenshots

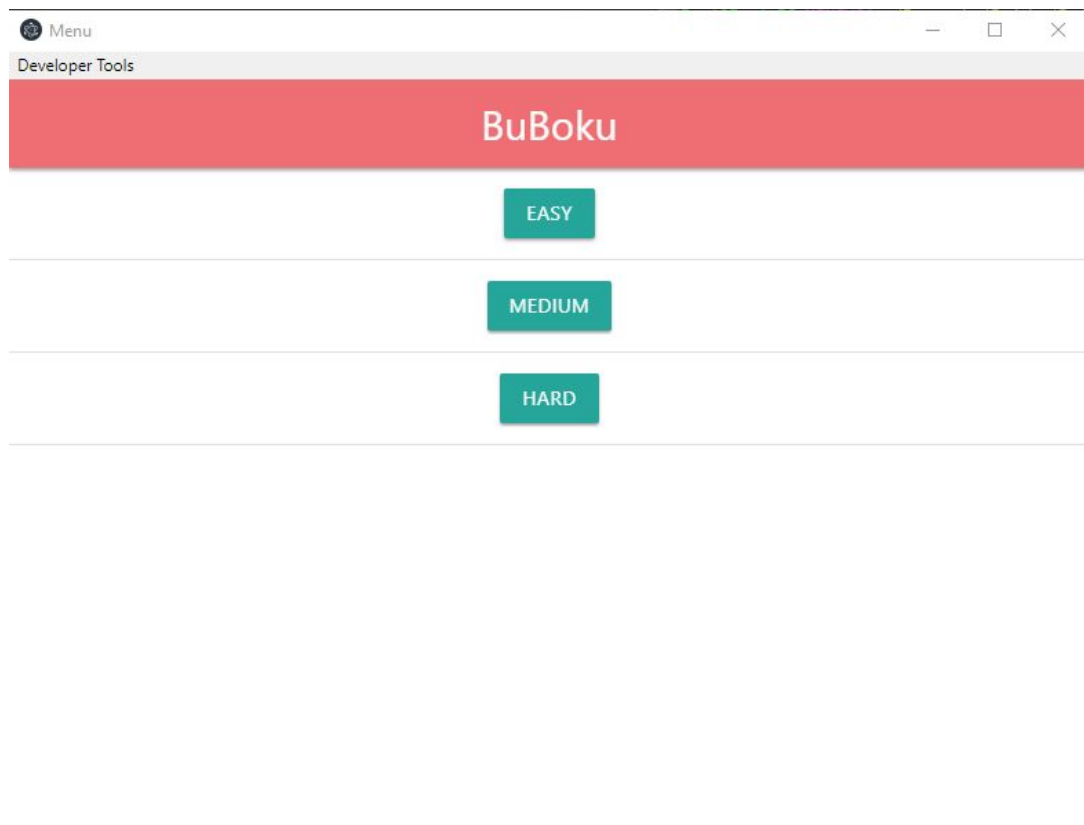


Figure 1: Main menu

			8			9	6	
1								8
			3	5				
		3						
								7
					3			1
	2	1			4	8	9	6
8	3	7					4	2
		4					1	

Solve

1	2	3	4	5	6	7	8	9
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Figure 2: Hard game mode

3	4	2	8	1	7	9	6	5
1	5	6	2	4	9	3	7	8
7	8	9	3	5	6	1	2	4
2	1	3	4	7	5	6	8	9
4	6	5	1	9	8	2	3	7
9	7	8	6	2	3	4	5	1
5	2	1	7	3	4	8	9	6
8	3	7	9	6	1	5	4	2
6	9	4	5	8	2	7	1	3

Solve

1	2	3	4	5	6	7	8	9
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Figure 3: Solved hard mode puzzle