

# **User Story 101**

## ***Description***

“As a user, I want to be able to change the difficulty of the game so that I can have a variety of challenges”

## ***Requirements***

- The user should be able to choose between easy, medium and hard game mode difficulties
- Depending on the difficulty chosen, the grid size of the game will change from a 3x3, 6x6 and 9x9 respectively

## ***Acceptance Test Case***

### **Instructions**

1. Start application.
2. Choose any difficulty.

### **Expected Results**

1. A menu showing “easy”, “medium”, and “hard” game modes
2. Once a game mode is selected the respective grid size will appear for each difficulty

## Screenshots

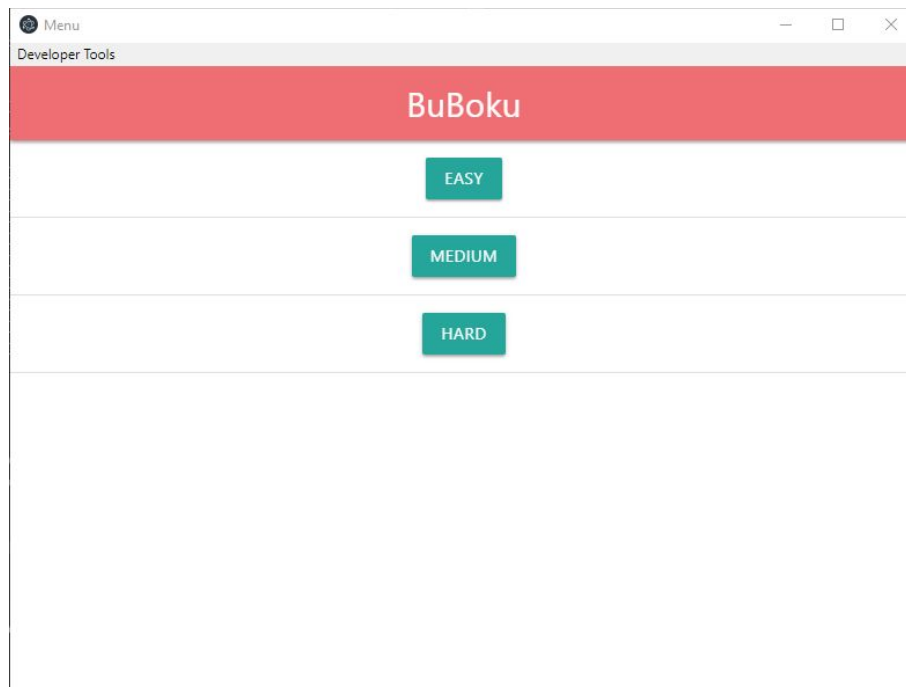


Figure 1: Main menu screen

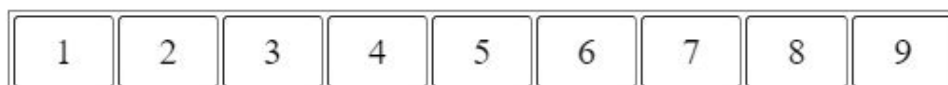
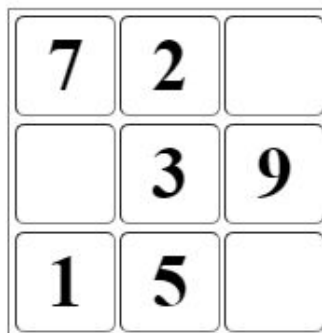


Figure 2: Easy game mode when "EASY" button is pressed

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

1	2	3	4	5	6	7	8	9
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**Figure 3: Medium game mode when “MEDIUM” button is pressed**

			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 4: Hard game mode when “HARD” button is pressed