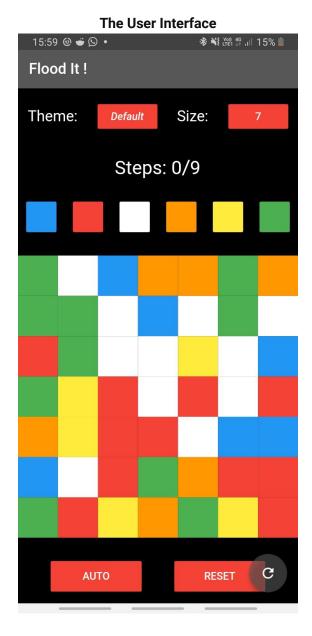
## **Screenshots**



**Theme:** By Clicking on this button the theme of the grid can be changed without affecting the game.

Size: By clicking on this button the size of the grid can be changed, this will generate a new game.

**Steps:** This shows the number of steps that have been taken and the number after the "/" is the number that the Greedy Algorithm takes to solve the same grid.

**The six buttons:** This user controls the next move by clicking on these buttons.

**The Grid:** This grid is re-rendered each time any change is made.

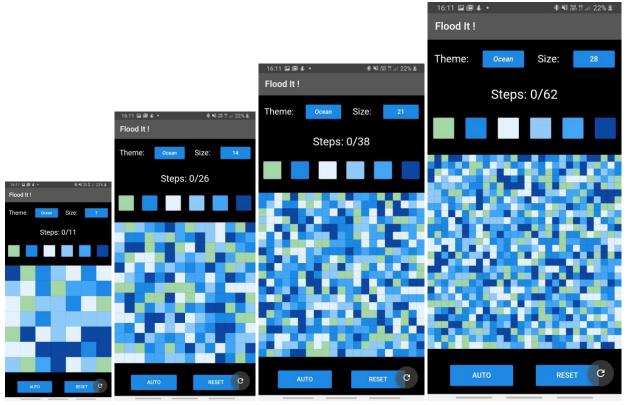
**Auto:** This button can be used to start and solve the auto solve mode, this uses the Greedy algorithm to continue solving from the present state.

**Reset:** This is used to Reset the game to the same grid and reset the step counter to zero.

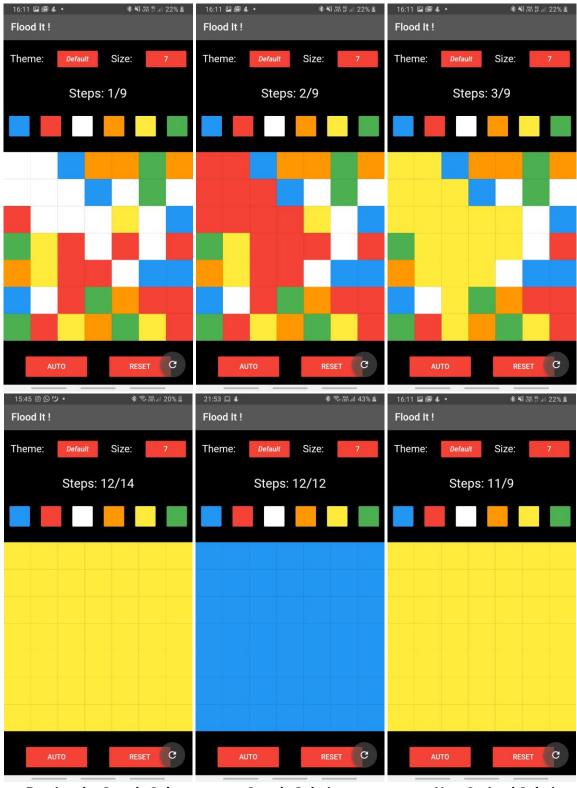
**Re-generate:** This generates a new random grid.



**Different themes** 



The different sizes (7,14,21,28)



Beating the Greedy Soln.

**Greedy Solution** 

**Non-Optimal Solution** 

**Game Screens**