

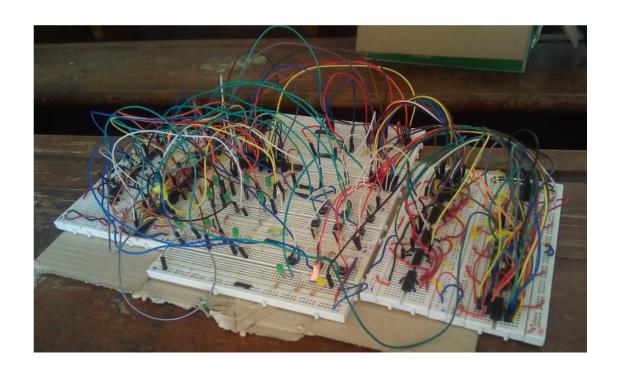
XO Game

mostafa soliman mohamed fadaly

GORUP:8

this project tell us about simple game design tic tac toe this game have played between two person and show who will won by using principles of this game.

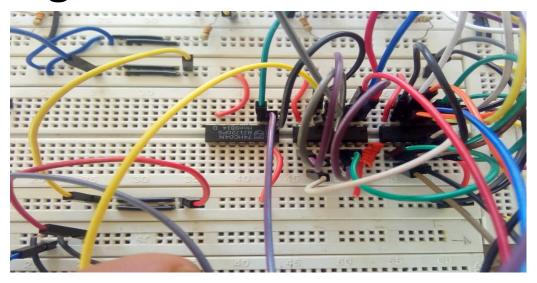
logic circuit for game:



circuit profile player

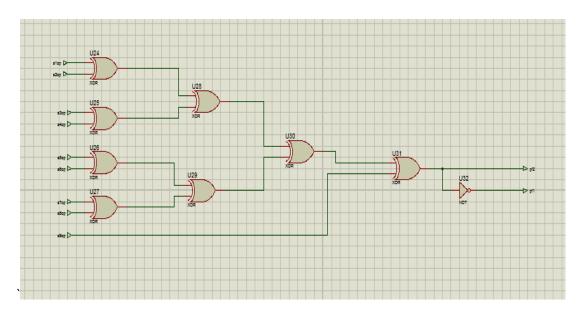
I will talk about profile generator this block diagram which i have make this with team member profile generator which shown below help us to find which player's turn it's currently it consists of XOR gate so if no one has played output will be zero if number of one is odd output will be one and if number of one is even output will be zero.

logic circuit:-

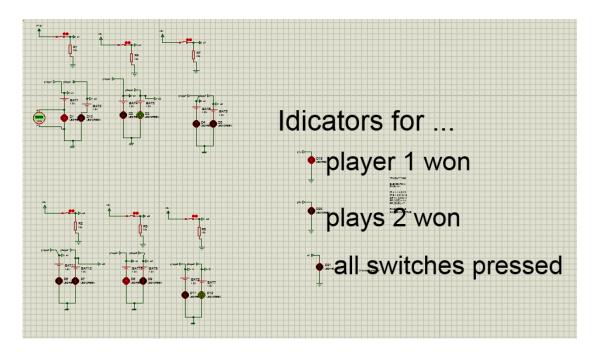


this truth table show this:

INPUT1	INPUT2	OUTPUT
0	0	0
0	1	1
1	0	1
1	1	0



THE INPUT FOR POROFILE:



THE OUTPUT FOR POROFILE:IS FLEPFLOP

